

2016

Northeastern Illinois University, Academic Catalog 2016-2017

Northeastern Illinois University

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Recommended Citation

Northeastern Illinois University, "Northeastern Illinois University, Academic Catalog 2016-2017" (2016).
Course Catalogs. 58.

<https://neiudc.neiu.edu/catalogs/58>

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Academic Catalog 2016-2017

NORTHEASTERN ILLINOIS UNIVERSITY

5500 NORTH SAINT LOUIS AVENUE

CHICAGO, ILLINOIS 60625

Telephone: (773) 583-4050

Fax: (773) 442-4900

Home Page: www.neiu.edu

The University

Northeastern Illinois University is a fully accredited public university serving the Chicago metropolitan area. Total graduate and undergraduate enrollment is approximately 10,300. In addition to offering traditional programs in the arts, sciences, business, and education, Northeastern has a strong commitment to innovative, non-traditional education and has been a leader in the development of special programs for adult learners.

Faculty

Northeastern employs approximately 358 full-time and 145 part-time faculty who are committed to excellence in teaching. Their varied academic backgrounds and professional accomplishments provide students with many learning opportunities.

Accreditation

Northeastern Illinois University is accredited by the Higher Learning Commission of the North Central Association, 230 South LaSalle Street, Suite 7-500, Chicago, Illinois 60604, telephone number (800) 621-7440.

In addition, Northeastern is accredited through these disciplinary bodies:

- National Association of Schools of Music (<http://www.nasm.arts-accredit.org>)
- National Association of Schools of Art and Design (<http://www.nasad.arts-accredit.org>)
- Council on Social Work Education (<http://www.cswe.org>)
- National Council for Accreditation of Teacher Education (<http://www.ncate.org>)
- Council for Accreditation of Counseling and Related Educational Programs (<http://www.cacrep.org>)
- Council on Rehabilitation Education (<http://www.core-rehab.org>)
- Association to Advance Collegiate Schools of Business (<http://www.aacsb.edu>)

If you have questions regarding accreditation at Northeastern Illinois University, please contact the Office of Institutional Research and Assessment at (773) 442-4890.

Baccalaureate Goals

NEIU Baccalaureate Goals

Northeastern Illinois University prepares a diverse community of students for leadership and service in our region and in a dynamic multicultural world. This is achieved through pursuit of the following goals:

1. Intellectual and Practical Skills

- Inquiry, evaluation and analysis
- Critical and creative thinking
- Written and oral communication proficiency
- Original design and performance
- Quantitative literacy
- Information literacy and research experience
- Teamwork and problem solving

2. Immersion in Disciplines and Fields of Study

- Knowledge of human cultures and the physical and natural world
- Mastery of different modes of knowing and integrative learning in a student's major, with a broad awareness of other areas of study
- Ability to synthesize general and specialized studies both within and across disciplines
- Use of classroom knowledge to identify and tackle big questions and the practical issues of everyday life

3. Learning within the Resources of Community and Diversity at NEIU

- Application of knowledge through internships, volunteerism, service learning, student teaching, applied research and writing, creative work and performance, etc.
- Engagement at the personal and community level
- Local and global civic knowledge and participation
- Understanding of the complexities of individual identities
- Intercultural knowledge and competence

These goals promote intellectual development and mastery of knowledge across the curriculum. The experiences of applied learning and engaging diversity foster life-long learning, social responsibility and ethical professionalism in the NEIU graduate.

Campus Locations

Northeastern Illinois University believes in access to opportunity. We offer a variety of classes and degree granting programs at our campus locations. Enrollment, financial aid and academic support services are offered at each campus.

Northeastern Illinois University (Main Campus)

Jacob H. Carruthers Center for Inner City Studies

El Centro

University Center of Lake County

History

History of the University

Northeastern Illinois University traces its origin to the beginnings of teacher training in Illinois. Founded in September, 1867 in Blue Island as the Normal School, Cook County's first teacher training school, the institution has evolved into the comprehensive university that it is today. Its main campus, located at 5500 North St. Louis Avenue, opened in 1961 and was then called, Chicago Teachers College North.

In 1961, total enrollment was 1,348 students, who pursued Bachelor of Arts or Bachelor of Science degrees although the major concentration was primarily in education. Throughout the 1960s, enrollment increased, programs were expanded, and the institution's mission broadened. In 1971, with a total enrollment of approximately 7,000, the college became Northeastern Illinois University.

Today, the 67-acre main campus is an attractively landscaped urban oasis near the north branch of the Chicago River. Its location eight miles northwest of downtown Chicago, only 20 minutes from O'Hare Airport, and convenient to expressways and public transportation, makes it an ideal campus for commuter students.

The main campus consists of 18 modern buildings of more than 1,000,000 square feet. Instruction is supported by technology-enhanced as well as conventional classrooms, a modern four-story library with access to local, regional and Internet resources and a wide assortment of traditional and computer laboratories. A redesigned Student Union, a modern Physical Education Complex and a new, state-of-the-art Fine Arts Center, containing both academic and performance space, complete the opportunities for students to attain an excellent, well-rounded education. Satellite campuses El Centro, the Jacob Carruthers Center for Inner City Studies, Center for College Access and Success, and the Multi-University Center in Lake County enhance the University's ability to serve the entire metropolitan area.

Northeastern is a 21st century learning community that is richly diverse in ethnicity, culture, age, and language with a strong commitment to raising global awareness and understanding. Northeastern provides a high quality, affordable education through low tuition as well as scholarships and financial aid opportunities for both full- and part-time students.

Mission, Vision, and Values

Mission

Northeastern Illinois University, as a public comprehensive university with locations throughout Chicago, provides an exceptional environment for learning, teaching, and scholarship. We prepare a diverse community of students for leadership and service in our region and in a dynamic multicultural world.

Vision

Northeastern Illinois University will be a leader among metropolitan universities, known for its dedication to its urban mission, for the quality of its programs, for the success of its graduates, and for the diversity of its learning environment.

Values

Northeastern Illinois University is committed to a set of shared values that, taken collectively, guides our actions and interactions as we work together to prepare graduates for the responsible exercise of citizenship. We, the NEIU community, believe it is critical for our democracy to create a space in which the commitment to these values results in a thriving educational community that transforms the lives of all. As we take stock of the present and look to the future, these values serve as the touchstone for planning how we will best achieve the educational mission entrusted to us.

Integrity

NEIU is accountable to those we serve and to those from whom we receive support. We are committed to honesty, respect, and transparency in our words and our actions. In that regard, we work to be good stewards of the resources we are entrusted to use. This includes human, physical, fiscal, and environmental resources.

Excellence

In our pursuit of and commitment to excellence, we value the highest quality of learning and teaching, scholarship, and service. We value opportunities and experiences that support personal and professional development for all members of our community. In all that we say and do, we are committed to the process and products of excellence.

Access to Opportunity

NEIU values access to opportunity; we value a welcoming environment that provides appropriate support as well as encourages mutual responsibility for and commitment to learning.

Diversity

NEIU values the inclusion of a broad spectrum of students, staff, and faculty in the life of the University. We celebrate and foster global perspectives. We encourage the open and respectful expression of ideas and differences in thoughts, experiences, and opinions.

Community

As a commuter institution, NEIU has a special obligation to provide an environment that is supportive, nurturing, and participatory. Such an environment is characterized by civility, fostering humanity and engagement, and creates a sense of community through inclusion, mutual respect, and empowerment. NEIU values our metropolitan setting as a laboratory for learning, and we foster partnerships for learning, research, and service throughout this dynamic region to promote the public good.

Empowerment Through Learning

NEIU is dedicated to creating a culture that provides life-long learning opportunities for all members of the University community. We are especially committed to transforming students' lives by engaging them in an educational experience that empowers them to graduate with the skills and knowledge to become effective leaders and citizens in their personal and professional lives.

Organization of the University

ORGANIZATION OF THE UNIVERSITY

The State of Illinois established the Board of Trustees for Northeastern Illinois University in January of 1996. The board has the authority and responsibility to operate, manage, control, and maintain Northeastern Illinois University.

BOARD OF TRUSTEES

Carlos M. Azcoitia, Chair

Robert Biggins

Omar A. Duque

Barbara Fumo, Secretary

Marvin Garcia

Darlene Ruscitti

Jonathan J. Stein, Vice-Chair

George Vukotich

Olivia Clark, Student Trustee

The President of the University is accountable to the Northeastern Illinois University Board of Trustees for the administration of the institution and has full power and responsibilities within the framework of board policies for the organization, management, direction, and supervision of the University.

President's Office

Sharon K. Hahs, President

The President is assisted by the Provost, who also serves as one of five vice presidents (Academic Affairs, Finance and Administration, Institutional Advancement, Student Affairs, and Legal Affairs and General Counsel).

Under separate constitutions, faculty and students participate in the governance of the University through the Faculty Senate, Student Government, and by membership on various standing and ad hoc committees that consider and recommend policies and procedures to the president.

Equal Opportunity and Ethics

Equal Opportunity and Ethics

Leah Heinecke-Krumhus, Director

The Office of Equal Opportunity and Ethics monitors compliance with policies and laws which ensure equal opportunity for students, employees and applicants for admission and employment. It is responsible for addressing and investigating, if necessary, student and employee concerns regarding harassment or discrimination based on race, color, religion, sex, pregnancy, disability, national origin, citizenship status, ancestry, age, order of protection status, genetic information, marital status, sexual orientation, gender identity, gender expression, arrest record status, military status, or unfavorable discharge from military service. The Director of this Office serves as the Title IX Coordinator (addressing and making every effort to remedy sex discrimination) and the Americans with Disabilities Act Coordinator (evaluating employees' requests for reasonable accommodation based on a disability). In addition, the Director of this Office is the University's Ethics Officer, promoting an ethical environment for the University community and ensuring compliance with state ethics laws.

Academic Affairs

Richard J. Helldobler, Ph.D., Provost and Vice President

Reporting to the President, the Provost is responsible for instruction, academic programs and academic support services. Academic programs are offered through the Colleges of Arts and Sciences (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences>) , Daniel L. Goodwin College of Education (<http://catalog.neiu.edu/archive/2016-2017/education>) , College of Business and Management (<http://catalog.neiu.edu/archive/2016-2017/business-management>) , College of Graduate Studies & Research (<http://catalog.neiu.edu/archive/2016-2017/graduate-studies-research>) , and Ronald Williams Library. In addition, Academic Affairs is administratively responsible for the following programs:

- Advising Center
- Center for Academic Writing
- Center for College Access and Success
- Center for Teaching and Learning
- Community and Professional Education (CAPE)
- El Centro
- Enrollment Management Services
- First Year Experience
- Global Studies
- International Programs
- Institutional Research and Assessment
- Jacob H. Carruthers Center for Inner City Studies
- Learning Support Center
- Math & Science Concepts Minor (MSTQE)
- New Student and Family Programs
- Nontraditional Degree Programs
- Orientation
- Placement Testing
- Project Success
- Proyecto Pa'Lante
- Student Success and Retention
- Summer Transition Program
- TRIO Student Support Services
- University Center of Lake County
- University Honors Program
- Weekend Institute
- Wentworth Scholars Program

Academic Advising Center

Academic Advising Center

Jamie N. Riess, Director
Lech Walesa Hall, LWH-0027
(773) 442-5470

The Advising Center provides academic and developmental advising for all undergraduate students who have not declared a major. Students continue to work with an advisor from the Center until they declare a major, at which point the major department will assign a major advisor. The Advising Center promotes student success by providing students with the information, guidance, and support they need to develop and achieve their academic goals.

Jacob H. Carruthers Center for Inner City Studies

Conrad W. Worrill, Ph.D., Director, Professor of Inner City Studies

Northeastern Illinois University's Jacob H. Carruthers Center for Inner City Studies demonstrates the University's urban tradition of education, research and service.

The Carruthers Center for Inner City Studies (CCICS) is located at 700 East Oakwood Boulevard in the heart of Chicago. CCICS was established by Northeastern Illinois University in 1966 as an outgrowth of its concern for and commitment to Chicago's inner city communities. Since its inception, CCICS has focused on the analysis of institutions, systems and people with a direct impact on the quality of life in the inner cities of the U.S. and elsewhere in the world by creating programmatic and research initiatives.

The curricular thrust of the undergraduate and graduate programs of CCICS is to prepare those who work and live in the inner city to understand and act upon the expressed interests of residents of the inner city and to participate fully in the richness of the African and African-American cultures. Since the beginning, the approach has been interdisciplinary with effective curricula and a philosophy which re-examines every research issue, problem, assumption and question from an African-centered perspective, rather than from the traditional, European-centered viewpoint. This discipline encompasses a research methodology and world-view which achieve different results when applied to present day inner city populations, and leads to new relationships between human and natural resources in the Chicago metropolitan area and world-wide.

CCICS offers, at its site, courses from the College of Arts and Sciences that fulfill the General Education Program Requirements. Additionally, courses in Justices Studies and Social Work are offered. Also students can pursue a BACHELOR'S OR MASTER'S DEGREE IN INNER CITY STUDIES. For course listings and descriptions, please refer to the COLLEGE OF EDUCATION under Inner City Studies. Graduate course in School Leadership with Principal Endorsement and other graduate courses from the College of Education are offered at CCICS.

The CCICS branch of the Ronald Williams Library houses the most extensive resource center on African American issues in the Midwest. In addition, it contains master theses of CCICS graduates documenting a multitude of African-Centered research and studies compiled on politics, education, and history of the culture of African-Americans since the late 1960s through 1990.

CCICS has two computer labs equipped with 33 computers with online access to the main campus, the Internet, and libraries around the world. A live, interactive Distance Education classroom connects CCICS with the main campus of Northeastern. The use of distance education provides students on both campuses with many educational opportunities.

The following services and assistance are available to CCICS students: academic counseling, financial aid counseling, HELP Office services, leadership development modules, English Competency Exam support, and assistance with registration. The Summer Transition Program is designed to enhance the skills of entering freshmen and returning adults. The program offers three hours of college credit during the summer while focusing intently on students' study habits, writing skills and preparedness for successful completion of their selected degree program.

Seminars are offered to schools, community organizations, businesses and social services agencies to facilitate and improve communications and understanding of the African-American culture. Seminars are scheduled by request. CCICS makes available its facilities to not-for-profit organizations that promote the growth and development of the individual, community and services. CCICS also provides other educational services in cooperation with community institutions and organizations.

1. "Teaching About Africa", is a longstanding program sponsored by the Kemetec Institute in partnership with the Chicago Public Schools and Northwestern University's African Studies Program.
2. Great Black Music Project.
3. The Chicago Defender Charities
4. The National Black Social Workers, Chicago
5. The Illinois Transatlantic Slave Trade Commission (ITSTC) project established to research and study the Transatlantic Slave Trade, its past and present affects on African Americans in the State of Illinois

Center for Academic Writing (CAW)

Kate Hahn, Ph.D., Executive Director

The Center for Academic Writing, located in the Ronald Williams Library, is the home of the Writing Intensive Program (WIP). CAW offers workshops and consultations to departments, faculty, and instructors who are developing and teaching WIP courses or who are interested in integrating writing into any course. CAW also supports students enrolled in WIP courses through the WIP peer tutor and WIP writing fellows program. More information is available by visiting the CAW webpage (<http://www.neiu.edu/academics/center-academic-writing>) or by contacting CAW by phone at (773) 442-4492 or by email at caw@neiu.edu (mk-hahn@neiu.edu).

Writing Intensive Program (WIP)

The Writing Intensive Program is comprised of undergraduate courses across the curriculum that fulfill the writing intensive graduation requirement. All students must successfully complete a writing intensive (WIP) course of at least 3 credit hours within their discipline in order to graduate. Please see the text of this requirement under Bachelor's Degree Graduation Requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>) in this catalog. Students should speak with their advisor to confirm which course(s) will fulfill the WIP graduation requirement for their major. WIP courses are content courses that are designed to help students master the course content, learn about writing in their chosen discipline, and improve their writing skills.

CAW supports students enrolled in WIP courses that have WIP peer tutors and WIP writing fellows affiliated with them. WIP peer tutors and writing fellows are recommended by their departments and are hired and trained by CAW to provide support to students working on writing assignments in WIP courses. Students should speak with the instructor of their WIP course and/or contact CAW for information about WIP student support. Information is available on the CAW webpage (<http://www.neiu.edu/academics/center-academic-writing>) or by contacting CAW by phone at (773) 442-4492 or by email at caw@neiu.edu.

The list below is a sample of WIP courses offered across the curriculum. Students should review the program requirements for their major and speak with their advisor to determine which WIP courses will fulfill the graduation requirement.

ART-292	Writing Intensive Program:Professional Practices	1
ART-392A	Writing Intensive Program:Professional Practices	1
ART-392B	Writing Intensive Program:Professional Practices	1
BIO-305	Writing Intensive Program:General Ecology	4
CHEM-213	Writing Intensive Program: Quantitative Analysis	5
CS-319	Writing Intensive Program: Fundamentals Of Software Engineering	3
ECED-313	Writing Intensive Program: Language Development And Educational Implications	3
ELED-302	Writing Intensive Program: Foundation Of Teaching The English Language Arts	3
ENGL-210	Writing Intensive Program: Methods for English Majors	3
ESCI-306	Writing Intensive Program: Rocks And Minerals	4
GES-250	Writing Intensive Program: Writing in GES	3
HRD-325	Writing Intensive Program:Communication In Human Resource Development	3
ICSE-303	Writing Intensive Program: Research Design And Methodology	3
JUST-202	Writing Intensive Program:Justice And Inequality	3
LLAS-201	Writing Intensive Program: Culture & History Of Latinos	3
MATH-251	Writing Intensive Program: Introduction To Advanced Mathematics	5
MNGT-370	Writing Intensive Program: Managing Global Business Organization	3
MUS-312	Writing Intensive Program: Beethoven	3
NDP-310	Writing Intensive Program: Diversity In The Workplace	3
PSCI-251	Writing Intensive Program: Comparative Political Systems	3
PSCI-344	Writing Intensive Program: Public Organization Theory	3
PSCI-392	Writing Intensive Program: Contemporary Political Philosophy	3
PSYC-202	Writing Intensive Program: Statistics And Research Methods I	3
SOC-245	Writing Intensive Program: Social Inequalities	3
SPED-371	Writing Intensive Program:Foundations Of Special Education	3
SWK-303	Writing Intensive Program: Human Behavior And The Social Environment I	3
SWK-322	Writing Intensive Program:International Social Work	3

The Center for College Access and Success

Founded in 1978, The *Center for College Access and Success* (CCAS) is the largest school improvement organization in Chicago. It has been Northeastern's presence in downtown Chicago for more than thirty years. It serves diverse communities in metropolitan Chicago and nearby urban centers. The Center's goal is to create a college-going culture where students develop the skills they need to apply, transition, and eventually graduate from college.

If you are an alumnus of any of the College Bound programs (GEAR UP, Talent Search, Upward Bound and Upward Bound Math and Science), be sure to check in with your advisor regarding TRIO Student Support Services and other activities, scholarships, and incentives to help with successful transition to Northeastern Illinois University.

A Unique Role

The *Center for College Access and Success* is in the unique position of connecting research, innovative programming, and educational funding priorities. It collaborates across the University to create programs for students that will increase access to postsecondary education, and improve retention and success. The Center implements these programs in pre-K-12 schools supported by grants from local, state, and federal agencies, private foundations, and corporations.

Preparing for Success

All *Center for College Access and Success* programs are focused on aspects of *Preparation, Readiness, Access, and Success* as a formula for success in education, career and life. It uses innovative and research-based strategies to strengthen the educational pipeline. Students become academically prepared, enroll in college and persist through graduation, increasing their potential for successful futures.

A Leader in Programs and Resources

During the 37 years of partnership with schools, the Center has demonstrated an exemplary record of success in improving student outcomes. It is expanding participation in the national dialogue about first generation, low-income college goers through the leadership role at the University, in the collaborating schools and districts, and with other educational partners across the country.

Approaches That Work

The *Center for College Access and Success* brings together teachers, parents, administrators, and staff from community agencies, universities, arts and cultural organizations, and businesses to share knowledge and resources. The Center is successful because it is able to work with all of the stakeholders that create a college-going culture in homes, schools, and communities.

Programs areas include: College Readiness and Access, College Success Support, Out-of-School Time, Parent and Family Engagement, STEM Initiatives, and Professional Development for teachers, administrators and other school and community staff.

Northeastern's Presence In Downtown Chicago

Located at the corner of Halsted Street and Chicago Avenue, the *Center for College Access and Success* occupies the fourth floor of a loft building just west of downtown Chicago. In addition to the office space, it has a large conference center where it hosts meetings, classes, conferences, and workshops. This location is convenient for its partners and close to its constituents.

Center for College Access and Success

770 N. Halsted, Suite 420 | Chicago, IL 60642 | 312-733-7330

For more information, visit our website Center for College Access and Success (<http://www.centerforcollegeaccessandsuccess.org>)

Center for Teaching and Learning (CTL)

Kate Hahn, Ph.D., Executive Director

Located in the Ronald Williams Library, the Center for Teaching and Learning offers support for full-time and part-time faculty who want to refine their teaching skills, experiment with new instructional formats, and learn about the application of educational technologies in their classes. The CTL provides workshops, educational software training, resources, and individual consultations for faculty members requesting our services. The CTL offers non-credit, professional development courses for faculty each semester on teaching in online and hybrid formats and supports faculty in their use of the learning management system, Desire2Learn. Additional information is available by visiting the CTL webpage (<http://homepages.neiu.edu/~ctl>) or by contacting the CTL by phone at (773) 442-4467 .

El Centro

María E. Luna-Duarte, M.A., Interim Director
María Rebeca Lamadrid-Quevedo, M.A., Interim Assistant Director
Esmeralda Guerrero, M.A., Assistant Director of Student Support Services
Fausto Ortiz, B.A., IT Manager

El Centro is one of Northeastern Illinois University's campuses. It is a focal point for the Latino community and provides educational opportunities for all students within a culturally comfortable and easily accessible setting. In addition to the general education program, students can work to obtain their Bachelor's degree on any of the following major through a flexible schedule: **computer science, justice studies, social work and special education.** At El Centro, students can take classes during the day, evening and weekend.

The staff at El Centro assists prospective students and their families with the admission and financial aid processes to get started on their academic journey at Northeastern. Additionally, El Centro provides comprehensive academic support and co-curricular programs for students, such as our signature mentoring program, GUIAS (Guidance, Inspiration and Academic Support). El Centro serves nontraditional, part-time and returning adult student populations as well as traditional first-year and transfer students.

In collaboration with community-based organizations, El Centro serves the community through outreach programs in the areas of citizenship, education, health, housing, and technology. The El Centro Community Education Program seeks to improve the lives of communities living in the Avondale, Hermosa and Logan Square communities and surrounding Chicago land neighborhoods. El Centro is poised to continue to provide access and educational opportunities to diverse communities in the Chicago area and serve as a resource and a bridge for students and community members to develop their human capital, nurture self-esteem, and prepare for the professions in the multicultural world of the 21st century.

In keeping with Northeastern Illinois University's mission, El Centro provides a quality education at an affordable price.

For more information contact Northeastern Illinois University El Centro at 3390 North Avondale, Chicago, Illinois 60618. Telephone: 773-442-4080; Fax: 773-442-4085.

Web: <http://www.neiu.edu/academics/el-centro/>

Enrollment Management Services

Enrollment Management Services

Janice Haring-Hendon, Ph.D., Associate Vice President for Enrollment Management Services

Maureen Amos, M.A., Director of Financial Aid

Thomas Bisogni, M.B.A., Transfer Center Director

Katie Curran, M.A., Director of Undergraduate Admissions

Michelle Morrow, Ed.D., Director of Scholarships

Steven Pajak, B.A., Associate Director for Admissions Review and Processing

Weston Polaski, B.A., Coordinator of Veterans Services

Rene Quinonez, B.S., Coordinator of Student Information Systems

Daniel Weber, M.S.Ed., University Registrar

Robert Wiedmann, M.Ed., Coordinator of Graduate Recruitment

The Office of Enrollment Management Services provides assistance to new, current, and returning students with admissions, registration, financial aid, scholarship, student employment, and veterans benefits. The area strives to provide exceptional customer service to students, faculty, and staff. We provide services to support all phases of the student's life cycle and contribute to the student's success.

Undergraduate Admissions (D-130)

(773) 442-4050

Transfer Center (D-130)

(773) 442-4050

Graduate Admissions (D-101D)

(773) 442-6001

Veterans Services (D-130)

(773) 442-4050

Admissions Review and Processing (D-113)

(773) 442-4000

Financial Aid and Scholarships (D-200)

(773) 442-5000

Student Employment (D-012)

(773) 442-4695

Registration (D-101)

(773) 442-4040

Records - Undergraduate (D-101)

(773) 442-4060

Records - Graduate (D-101D)

(773) 442-6001

First-Year Experience (FYE)

Barbara A. Sherry, J.D., Assistant Provost
Kerri A. Kadow, Administrative Aide
Sachs Administrative Building, C-509 and C-510
(773) 442-4296

The First-Year Experience (FYE) is a program for new students in their first year of study. The five facets of the overall program are as follows:

- **Transitions** – to assist first-year students in adjusting to the university environment academically, behaviorally, and socially;
- **Inquiry** – to facilitate students' general academic preparation by adding a practical component to classroom work through research, civic engagement, service learning, or some other field component.
- **Readiness** – to prepare students for academic achievement that spans across the curriculum in terms of the development of critical thinking skills, as well as improved written and oral expression.
- **Self-Discovery** – to enable first-year students to discover their own path toward understanding their place in the university and the wider community; and
- **Future Planning** – to help first-year students understand how all their coursework can prepare them for their future and what kinds of careers can result from their chosen majors and/or minors.

These five facets are addressed through both the curriculum and the co-curriculum under the general theme, "Diversity in Chicago."

The curriculum is comprised of the FYE Colloquium, which is a series of courses designed specifically for first-year students (see listings below). All courses in the FYE Colloquium series:

1. Bear the number "109";
2. Carry credit toward one General Education Program requirement in the specified disciplinary area (i.e., fine arts, humanities, natural sciences, or social sciences);
3. Contain a field component (i.e., a graded part of the course that connects the city of Chicago with the content, thus making the city a laboratory for students); and
4. Count for 3 credits toward graduation.

A Freshman Colloquium course must be taken during students' first year of study at Northeastern Illinois University. Students are encouraged to select the course that interests them most, since they will not be eligible to take more than one FYE Colloquium.

The co-curriculum is a series of events, activities, and services available to students outside of their classes. Students may be required to participate in some co-curricular events and activities for credit at various times throughout the academic year in partial fulfillment of their assignments for the FYE Colloquium. Check with the course instructor for details.

For other information relevant to the first-year experience, students are referred to the FYE website at <http://www.neiu.edu/academics/first-year-experience>.

Course Offerings

AFAM-109. First Year Experience: Exploring Africa In Chicago. 3 Hours.

The Exploring Africa in Chicago course is designed to provide first year students with a brief overview of the African continent, and an opportunity to understand the rich and varied diversity of Africa and its peoples. Using Chicago as a lab, students will use standard research methods, library databases, websites, readings, speakers, films, and field experiences to discuss the rich heritage of African culture, music and arts, the continent's geography, pre-colonial and colonial history, oral and written history, its languages and ethnicity, the family systems, and political, economic, and democratic systems. Students will be encouraged to get out of the classroom and into various communities and institutions in the Chicagoland area, seek out individuals of African descent in academia, healthcare, business, industry and other professions, and use standard interview techniques to critically examine their contributions to the city of Chicago, to the United States, and to the world.

ANTH-109B. First Year Experience: Skeletons In Chicago's Closet. 3 Hours.

Bones hold an enormous amount of information about individuals and populations. This active class investigates what can be learned from bones and teeth in the context of forensic anthropology, bioarchaeology, and paleobiology. We will start by learning the bones of the skeleton and move on to identifying age, sex, trauma, etc., in forensic and archaeological contexts. Finally, we will look at fossil bone and what it can reveal about past life. Students will work with bones and models in lab, complete group and individual projects, and will learn and apply useful techniques for college success. First year students only.

ANTH-109C. First Year Experience: Skin Of Chicago. 3 Hours.

We wear about 9 lbs. of it every day, but we take most of its functions, adaptations, uses, and subtle cultural signals for granted. Skin is something everyone should know inside and out. For anthropologists, skin is a place where issues of biology, comparative anatomy, culture, evolution, archaeology, tradition, taboo, ritual, art, diversity, and race all come together. An understanding of human skin helps to turn over the judgments people make about others based on skin color. Using Chicago as a field laboratory, we will discover the wonders of skin, ever mindful of how we fit inside our own.

ART-109. First Year Experience: Art, Architecture And Urban Design In Chicago. 3 Hours.

This field-based course explores art in an urban environment, examines the relationships between art and urban culture, and considers the role of art in an urban setting. Students will gain a familiarity with Chicago as a cultural home; they will evaluate the role of public art in Chicago, examine the design and purpose of open spaces, and gain a familiarity with the Chicago school of architecture.

BLAW-109. First Year Experience: Professionalism, Ethics, Law & Chicago Scandals. 3 Hours.

This course examines the intersection between professionalism, ethics and law from a business perspective. We will look at these issues through the lens of major business-related Chicago scandals, predominantly non-political, and we will take multiple trips to visit some of the actors involved in these scandals, such as judges, lawyers and businessmen, who will further inform students about the importance of professionalism, ethics and compliance with laws. The topics covered in this course include defining professionalism, comparing professionalism to ethics, critically evaluating the differences and the importance of both, and discussing the legal process as it applies to white collar crimes.

CMTM-109A. First Year Experience: Chicago On Video: One Pixel At A Time. 3 Hours.

In this course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery and Transitions) are interwoven with the field-specific concepts and terminology of video production. Students in this dynamic, hands-on class will turn the lens on other students engaged in hands-on learning...producing children's theatre, testing water samples, conducting fieldwork, examining issues of social justice... and get a taste of both documentary production and advanced undergraduate coursework at NEIU. Students will also get to explore uses of video at the community level - from high school students covering sports events, to local immigrants keeping their cultural ties alive.

CS-109. First Year Experience: The Information Age: Its Impact On Chicago's Culture. 3 Hours.

The 21st century has seen the genesis of the Information Age. Advances in computer technology have made immediate access to information and sophisticated processing of information commonplace in business, science, medicine, education, various professional areas and many aspects of personal life. This course focuses on how this has impacted Chicago's culture and its diverse communities. This course fulfills the First Year Experience (FYE) requirement. FYE-109 courses are intended for Freshmen only. Students may not take more than one FYE-109 course.

DANC-109. First Year Experience: Steppin' Out: Dance In Chicago. 3 Hours.

A course designed to increase the student's awareness, understanding and enjoyment of a variety of styles of aesthetic/theatrical dance. The course incorporates both movement and non-movement based approaches to learning about dance as an art form, and will focus on learning about ballet, modern, jazz and ethnic dance through lectures, discussions, films, the attendance of outside performances, and written assignments. In this course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery and Transitions) are interwoven with the field specific concepts in dance.

ECON-109. First Year Experience: Money Matters: The Chicago Economy. 3 Hours.

This course is designed to provide students with an introduction to surviving in the Chicago economy. The five foundations of the First Year Experience (Future Planning, Integral Preparation, Research, Self-discovery and Transitions) are interwoven with the introductory field-specific concepts and terminology of economics. Students will be introduced to economic and financial literacy while learning what makes Chicago one of the greatest economic engines in the world. Students will examine the Chicago economy and collect data on major economic sectors in Chicago today with an eye on what it will take for workers, households and businesses to succeed in Chicago's future.

EDFN-109. First Year Experience: Schooling Chicago: Communities, Public Education And Change. 3 Hours.

This course analyzes education in and outside Chicago Public Schools as a key social institution that both influences and is influenced by the larger society. You will be introduced to a wide array of topics and case studies that elaborate on the embeddedness of classrooms and schools in social environments across Chicago. This course will span a variety of school processes such as curricular differentiation, social and economic reproduction, voluntary associations (extra-curricular clubs, parent organizations), social groupings and peer influence. Particular attention is paid to questions about the relationship between social stratification and education. For example, how is the structure, content and funding of schools across Illinois affected by wider social and political conflicts? Does educational attainment affect an individual's economic status? Does education promote social equality? This course will introduce students to use of new information technologies in k-12 education.

ELAD-109. First Year Experience: School's Out: Chicago's Bouquet Of Nontraditional Educational Programs. 3 Hours.

Chicago is renowned for its world class museums, music, theaters, gardens, zoos, and other attractions. From the Museum of Broadcasting to the Art Institute- all of these institutions have educational programs open to the citizens of Chicago. Explore them via internet, interviews, guest presenters and field trips. Open your mind to the diversity of learning and teaching opportunities available outside of school in our city. This course will enable you to: Gain an appreciation of many of these programs, Raise your awareness of the various fields of knowledge involved, Use findings to create written, oral and electronic presentations about these programs, Sharpen your research, writing and thinking skills, Probe your career opportunities, and Expand your horizons and creativity.

ELED-109. First Year Experience: Building Chicago One Teacher At A Time. 3 Hours.

In this course the five foundations (Future Planning, Integral Preparation, Research, Self-discovery, and Transitions) of Northeastern's First-Year Experience program are taught alongside an introduction to content specific to the discipline of Teaching of Elementary Education. Introduction to Chicago schools, communities, and diverse student population as well as curricular models, school structures and best practices in teaching.

ENGL-109A. First Year Experience: Chicago's Literary Diversity: Reading The Neighborhoods. 3 Hours.

This course explores how literary Chicago enters into discourses on race and ethnicity in twentieth century literature. Beginning with Great Migration, students sample literary history produced by people who settled or passed through Chicago. Writers have used Chicago as a setting for major works and sociological studies have attempted to focus on Chicago's neighborhoods and how they were formed as a result of immigration from other countries and migration from the American South. The course examines several works from popular perspectives, fiction, autobiography, journalism, humor, folktales, cultural criticism and regional studies to reach a better understanding of the city.

ENGL-109B. First Year Experience: Reading And Writing The Literary And Political Landscapes Of Chicago. 3 Hours.

From the Haymarket "riot" of 1886 to the Pullman Strike of 1894 to the Black Sox scandal of 1919 to the trial of Abbie Hoffman and the Chicago Seven in the aftermath of the Democratic Convention of 1968, Chicago has, to say the least, a colorful and quite literally, explosive political history. As with any major urban center in the United States, Chicago bears the historical scars and contemporary fruits of vibrant and violent class conflict, labor insurgencies, racial strife, immigrant struggles, and activism for social justice. Part and parcel of this historical legacy is a rich spate of cultural production that attempts to comprehend this past in those historical moments and in our contemporary era.

ENGL-109C. First Year Experience: Drama And Diversity In Chicago. 3 Hours.

In this class, we will analyze and experience Chicago theater. By emphasizing theater that challenges social cultural norms, we will consider how drama works to create and define diverse urban communities and how it offers alternative visions to the status quo. This class will emphasize writing and reading about drama, interviewing theater personnel and taking notes on actual theater performances, and relating art to social and political diversity. We will attend 3-4 performances during the course of the semester.

ENGL-109D. First Year Experience: Windy City Words: Ethnolinguistic Chicago. 3 Hours.

This course integrates the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-Discovery, and Transitions) with concepts from the study of literacy and language. Using the city as a field site, students actively explore the linguistic and cultural diversity of Chicago through independent research, readings, online resources, speakers, and other experiences.

ENGL-109E. First Year Experience: Your Chicago: Write On!. 3 Hours.

This course interweaves foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery, Transitions) with specific concepts of creative writing. Explore and experience Chicago's vibrant cultural scene while cultivating literary culture in class. Students study their local literary heritage reading, analyzing, and discussing works of classic and contemporary Chicago authors and attending and annotating literary readings at local bookstores and cafes; experimenting with a range of writing exercises, prompts, and assignments, students will craft their own stories, recognize their unique writing process, and learn techniques to revise and polish their prose, culminating in a student reading.

ESCI-109. First Year Experience: Chicago Rocks! Geology In The City. 3 Hours.

Chicago has been at the bottom of the sea, buried under a mile of ice, and set in a warm, tropical paradise. Such diverse changes have shaped Chicago and the surrounding region, including the lake, the rivers, the ground we walk on (and build on), and the decisions we make about land use, resources, and waste management. Explore Chicago Rocks - as well as water, weather, and land forms - in the context of current issues related to resource use and the environment. Field trips and hands-on experiences highlight the extent to which geology influences the character of the Chicago area.

ESCI-109W. First Year Experience: Chicago's Muddy Waters- Environmental Geology. 3 Hours.

Chicago's vital bodies of water - Lake Michigan, Chicago River, and others - interact with the urban landscape and the soils and rocks of the ground beneath. Such interactions influence environmental issues in everyday life, including "What happens when water goes down the drain?" and "Why do certain areas flood after it rains?" These questions are explored in the context of Chicago's geology, to evaluate the critical factors affecting soil and water contamination, flooding, and our drinking water. Laboratory analysis of water and soil, collected on local field trips, will clear the 'muddy water' about environmental geology impacts in local neighborhoods. (Lecture 2 hr., lab 2 hr.).

GES-109A. First Year Experience: Global Chicago. 3 Hours.

This is an introductory course in urban geography that provides a broad overview of the Chicago metropolitan area in the global context. We will explore the place of Chicago as a hub in the global economy, as well as the many different ways that global forces have impacted social relations and spatial practices in the metropolis.

GES-109B. First Year Experience: Chicago Geographies: Environmental Chicago. 3 Hours.

Students study the relationships between human settlement and the natural environments in the metropolitan area including environmental problems, their causes and possible solutions. Issues such as waste disposal and recycling, brownfields, suburban sprawl, air and water pollution, water supply, flooding and drainage, invasive species, and urban parks are investigated, with classroom discussion and field trips.

HIST-109. First Year Experience: History Of Chicago. 3 Hours.

Chicago is the most "American" of the major cities and has been at the forefront of change. In 50 years Chicago transformed from a fur-trading crossroads to a major industrial center, and that speed made it a city of stark contrasts. Enormous tensions emerged between the entrepreneurial forces that built the city and the countervailing social forces that strived to humanize it. A stream of immigrants played an integral role in shaping the city, contributing to economic and cultural development. Chicagoans faced huge challenges and as a result became pioneers of the economic, social, and political trends that shaped modern America.

JUST-109. First Year Experience: Justice In Chicago. 3 Hours.

Using Chicago as a lab, students will experience justice in many forms, from courthouse visits and artistic expressions, to discussions with attorneys, judges, and formerly incarcerated persons. In this course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery and Transitions) are interwoven with the introductory concepts and terminology of the criminal and social justice systems to provide first-year students with an opportunity to critically examine social injustices in institutions and social structures through a critical lens.

LING-109. First Year Experience: Language And Diversity In Chicago. 3 Hours.

Hands-on research, using Chicago's rich diversity of languages in contact as a laboratory, will enable you to understand the mechanisms, dynamics and manipulations of language and language use. Students will explore the following questions: What is language? What makes it universal? What makes it unique? How can it be used as a tool? How does it unite or divide? What is language contact and how does it affect you? What is the relationship between language and identity? What is language diversity and what brings it about? How does an awareness of language make you a stronger, more confident communicator?.

LLAS-109. FYE: Art, Thought, And Revolution In Chicago. 3 Hours.

An introduction to the cultural life of Chicago Latino youth with its regional differences with key themes/symbols and cultural norms created by the historical interaction between Latinos and American society as expressed in literature, art, music, and folklore. Attention will also be given to change and continuity in Latino cultural norms on the basis of historical events.

This class explores the history of art and its role in the civilizations from Modernism, the Mural Renaissance and the Civil Rights Movement. Using the rich artistic legacy of this area, the class examines the way art functions across borders and how borders have been constructed, debated and lived through in the art of the past.

MUS-109. First Year Experience: Chi-Tunes: Music In Chicago. 3 Hours.

In this course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery and Transitions) are interwoven with the field specific concepts and terminology of music. This course is designed to increase the first year student's awareness, understanding and enjoyment of a variety of musical styles through attending live performances. Students will learn the basics of reading and writing music, music history, and music's place in society and culture through pre and post concert discussions.

PEMT-109. First Year Experience: Chicago Body Works. 3 Hours.

This course will give students a comprehensive and practical view of the importance of fitness and nutrition in their daily lives. Students will be engaged in activities that they can participate in for life. They will learn the underlying fundamentals of a fit for life attitude. Each student will be provided with the knowledge and understanding of how to assess their current level of fitness and how to make improvements in the five health-related fitness component areas (cardiovascular fitness, body composition, flexibility, muscular strength and muscular endurance) through various physical and skill related activities. Also emphasized will be the importance and application of proper nutrition. A strong focus will be the multifaceted and diverse challenges faced by individuals committed to pursuing wellness in Chicago.

PEMT-109B. First Year Experience: Adventure In Chicago. 3 Hours.

Through a context of Adventure, this course provides students with a diverse range of challenging cognitive and physical activities, both on campus and off, that highlight and enhance the personal and groups skills needed to move through the adventures that will be presented and the adventures that are inherent in a college program. Students will have the opportunity to participate in teambuilding activities, vertical ascents, community service adventures, and other Chicago area challenges. Some level of active participation will be a requirement to Adventure in Chicago.

PSCI-109. First Year Experience: Civic Engagement, Community And Social Change In Chicago. 3 Hours.

This colloquium is a three-credit course that combines the traditional classroom setting and community service to explore the meaning and interconnection of community, citizenship, politics, diversity, civic engagement and social change. Students enrolled in this course spend time developing their interpersonal and intrapersonal skill (such as, self-awareness, critical thinking and problem-solving skills, leadership skills); become skilled at civic engagement (action strategies and plan, project management, communication, negotiation and teamwork); as well as reading academic literature that examines concepts of democracy, power and justice.

PSYC-109. First Year Experience: Growing Up In Chicago. 3 Hours.

This is a course that introduces students to the basics of child psychological development. What are the steps of development? Which developmental steps are unique to every individual? Which developmental steps are universal and which are culturally determined? Chicago has many resources, historical, art and cultural museum, schools, and its people, that will be used to explore the answers to these questions. Through a combination of hands on activities, verbal and written reflections, students in this class will discover what it means to be a developing human being here in Chicago.

PSYC-109B. First Year Experience: Intimate Chicago: Psychology Of Intimate & Close Relationships In Chicago Films. 3 Hours.

This course will use films as a vehicle for identifying, explaining, and illustrating basic psychological concepts. In addition to learning about the social psychology of romantic and close relationships, students will learn about basic psychological principles from learning, personality, and developmental theories. Students will complete assigned readings on the appropriate psychological theories, apply them to the films, and complete written assignments on them. A group final project will include producing a film on relationships, using Chicago as a backdrop.

PSYC-109C. First Year Experience: The Pursuit Of Happiness In The City. 3 Hours.

In this course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-Discovery, and Transitions) are interwoven with the field-specific concepts and ideas of positive psychology. Happiness means different things to different people. Such differences exist across cultures, income levels, professions, age brackets, and local communities. The course explores what psychologists and other social-science researchers have to say about the pursuit of happiness by diverse people in different social and geographical contexts. The course will look at key concepts and ideas in happiness research, as well as the opinions and experiences of course participants on the topic. Students will examine their own preferences and try to broaden their horizons. Individual "field trips" into the aspects of college and city life are part of the course.

SOC-109A. First Year Experience: Investigating Chicago: Immigration & Migration. 3 Hours.

In this course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery and Transitions) are interwoven with the field-specific concepts and terminology of sociology. Using the city as a lab, freshmen explore Chicago's immigrants and immigration patterns, actively discovering the complexity and diversity of Chicago as an immigrant destination through readings, films, speakers, and out-of-class experiences.

SPAN-109. First Year Experience: Chicago's Latina/o Cultures. 3 Hours.

Freshmen explore Chicago's vibrant Latina/o culture as an integral part of the city's cultural landscape through short stories, poetry, films, speakers, and field trips to cultural venues or activities. In the course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery, and Transitions) are interwoven with concepts and terminology specific to cultural and literary studies. Taught in Spanish and English. Prerequisite: Score of 384 or above in the Spanish placement exam (available online at www.neiu.edu/~fldept/placement.htm).

SWK-109. First Year Experience: Search For Meaning Of Life. 3 Hours.

The social work profession seeks to help people live happily and productively with joy and purpose and meaning. Social work values diversity including what the oldest wisdom traditions teach us about the meaning of life. In this course, we will visit sacred places in Chicago to experience the teachings and practices of six wisdom traditions- Christian, Jewish, Islam, Buddhist, Hindu and Native American - to learn what they can tell us about living joyfully and purposefully.

TESL-109A. First Year Experience: Chicago Speaks: Helping Immigrants Communicate. 3 Hours.

In this course, the four foundations (Future Planning, Academics, Self-Discovery and Transitions) of the First-Year Experience are interwoven with the field specific concepts and terminology of teaching English as a second language (TESL). This course introduces the structure of the English language and methods of teaching it to speakers of other languages. This involves investigating the pronunciation and grammar of English as well as looking at ways to teach these subjects along with listening, speaking, reading and writing skills to English Language Learners (ELLs). The course will involve a service learning component in which students will tutor ELLs in various sites throughout Chicagoland. As students study the basics of teaching English as a second language, they will develop academic skills that will contribute to their success in college and beyond.

Global Studies

Global Studies is an interdisciplinary undergraduate program that offers a major leading to the B.A. in Global Studies. The program provides students with the opportunity to investigate and analyze the globalized world and the transnational interconnections that are its hallmark. The innovative curriculum includes required core courses housed in Global Studies as well as cross-listed courses drawn from across the university. Through critical analysis of the contemporary world, carried out in coursework and through hands-on research and internship opportunities, students in the program accrue knowledge, scholarly abilities, and practical skills that will prepare them as informed global citizens and members of the 21st century workforce. The program will prepare students to pursue graduate education and careers in a wide range of fields, including international business and law, applied social sciences, community resources management, social services, and international development.

For further information, please contact the program coordinator:

Dr. Tracy Luedke
t-luedke@neu.edu
(773) 442-5621

Major in Global Studies

Major Required courses:

GS-201	Introduction To Global Studies I	3
GS-205	Writing Intensive Program: Interdisciplinary Research And Writing	3
6 Global Studies electives ¹		18
2 semester sequence in foreign language (any two-course sequence in a foreign language)		6
GS-399	Capstone Global Studies	4
Total Hours		34

¹ Minimum of 3 courses in one track and minimum of 1 course in each of two other tracks.

Minor in Global Studies

Minor required courses:

GS-201	Introduction To Global Studies I	3
5 Global Studies electives (any tracks)		15
Total Hours		18

* Study Abroad program participation may serve as one elective toward a major or minor.

The following courses may be counted toward a Global Studies major or minor. The number(s) after each course indicate track(s) to which the course corresponds. Additional courses may be considered for inclusion as electives in consultation with the coordinator.

Tracks:

1. Culture, Society, and Identity
2. Language, Knowledge, and Representation
3. Nature, Technology, and the Body
4. Power, Movements, and Political Economy
5. Violence, Resistance, and Resolution

Electives

African & African American Studies

AFAM-302	Foundations Of Africans In The Diaspora ¹	3
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Anthropology

ANTH-365	Anthropology Of Islam ¹	3
ANTH-375	Anthropology Of Globalization ¹	3
ANTH-377A	Anthropology Of Television ^{2 & 3}	3
ANTH-379A	Pan-African Association Internship ^{1, 4 & 5}	3

Communication, Media and Theatre

CMTM-265	Mass Media and Society ^{2 & 3}	3
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CMTC-317	Intercultural Communication ²	3
CMTM-373	World Cinema ²	3
CMTM-378	New Media Technologies ^{2 & 3}	3
Economics		
ECON-308	Comparative Economic Systems ⁴	3
ECON-313	Economic History Of Europe ⁴	3
ECON-321	International Monetary Theory & Relations ⁴	3
ECON-322	International Economics ⁴	3
ECON-323	Writing Intensive Program: Economic Development ⁴	3
English		
ENGL-320	Globalizing Literacies (Globalizing Literacies) ²	3
Geography and Environmental Studies		
GES 302 Topics - Students can choose from 14 different course sections ¹		
GES-314	Political Geography ⁴	3
GES-338	Sustainable Development ⁴	3
GES-345	Medical Geography (Medical Geography) ^{1 & 3}	3
GES-346	Geography Of Metropolitan Chicago ¹	3
GES-348	Latino Metropolis ¹	3
GES-349	Environment & Urbanization ^{3 & 4}	3
GES-360	Environmental Justice & Activism ^{3 & 4}	3
GES-362	Population Geography ¹	3
GES-367	Geography Of Tourism ¹	3
GES-368	Changing Global Climates ³	3
History		
HIST-332B	United States Foreign Relations 1914 - Present ⁴	3
HIST-333	American Ethnic History ⁴	3
HIST-340	History Of U.S. Economic Institutions ⁴	3
HIST-342	The City In American History ⁴	3
HIST-382	The World In The Twentieth Century ⁴	3
Justice Studies		
JUST-338	Introduction To Human Rights ^{1 & 4}	3
JUST-361	Five-Hundreds Years Of Resistance ^{4 & 5}	3
JUST-363	Globalization And The Pursuit Of Justice ⁴	3
JUST-364	Terrorism In Media & Law ⁴	3
JUST-370	Immigration In Global Perspective ^{1 & 4}	3
JUST-371	U.S. Immigration Policy & Human Rights In The Americas ^{4 & 5}	3
Linguistics		
LING-316	Languages And Cultures: Middle East ^{1 & 2}	3
LING-326	Narratives Of The Jewish Experience ^{1 & 2}	3
LING-347	The Origin Of Language ²	3
LING-361	Introduction To World Englishes ²	3
Philosophy		
PHIL-343	Religion & Globalization ¹	3
PHIL-365	Environmental Ethics ³	3
PHIL-367	Postcolonialism ⁴	3
Political Science		
PSCI-333	Immigration, Ethnicity, And Citizenship ^{1 & 4}	3
PSCI-350	International Relations In Asia ⁴	3
PSCI-354	Islamic Civilization II: Government And Politics ^{1 & 4}	3
PSCI-357	Politics Of The European Union ⁴	3
PSCI-369	Russia In International Politics ⁴	3
PSCI-375	Contemporary International Relations ⁴	3

PSCI-376	Principles Of International Relations ⁴	3
PSCI-377	International Organization: Theory And Practice ⁴	3
PSCI-378	International Political Economy ⁴	3
PSCI-379	War And Peace ⁵	3
PSCI-380	International Law ⁴	3
PSCI-381	International Terrorism ⁵	3
PSCI-384	United States And The World Economy ⁴	3
PSCI-386	Globalization & Politics ⁴	3
Sociology		
SOC-310	Social Movements ^{4 & 5}	3
SOC-347	Sociology Of Media ^{2 & 3}	3
SOC-352	Sociology Of HIV/AIDS ³	3
SOC-362	Becoming "American" ¹	3
SOC-365	Sociology Of Globalization ¹	3
Social Work		
SWK-203	Analysis Of Cross Culture Interaction ¹	3
SWK-308	Social Work Practice With Immigrants & Refugees ¹	3
Teaching English to Speakers of Other Languages		
TESL-330	Language, Society, And Education ²	3
Women's and Gender Studies		
WGS-312	Women & Global Human Rights ^{4 & 5}	3
Educational Foundations		
EDFN-314B	Race, Identity, & Cultures In Education ¹	3
EDFN-314K	Social Justice And The Politics Of Education ^{1 & 4}	3
Inner City Studies		
ICSE-202	Colonial Systems ⁴	3
ICSE-329G	Comparative Inner City Communities ^{1 & 4}	3
ICSE-329M	Urban Africa ¹	3
Bilingual/Bicultural Education		
BLBC-338	Bilingualism And Education ²	3
BLBC-339	Culturally Responsive Teaching in Diverse Classrooms ¹	3

For further information, contact the Coordinator of Global Studies:

Dr. Tracy Luedke
t-luedke@neiu.edu
(773) 442-5621

Global Studies Core Faculty:

Tracy Luedke, Associate Professor of *Anthropology* (Coordinator)
Chielozona Eze, Associate Professor of *English*
Shahrazad Mahootian, Professor of *Linguistics*
Edie Rubinowitz, Associate Professor of *Communications, Media, and Theatre*
Christopher Schroeder, Professor of *English*

GS-201. Introduction To Global Studies I. 3 Hours.

This course introduces students to the multiple dimensions and impact of globalization as it is reflected across disciplines. Accordingly, we explore globalization through specific themes and approaches, including those of: 1) Culture, Society, and Identity; 2) Language, Knowledge, and Representation; 3) Power, Movements, and Political Economy; 4) Nature, Technology, and the Body; 5) Violence, Resistance, and Resolution. In this way, the course generates a comparative understanding of the significant implications arising in the wake of an increasingly globalized world.

GS-205. Writing Intensive Program: Interdisciplinary Research And Writing. 3 Hours.

Interdisciplinary Research and Writing provides students with practical training in conducting research and writing effectively in an interdisciplinary field. Students will learn about the advantages and challenges of interdisciplinary scholarship through a series of stepped research and writing assignments, including literature searches and reviews, hands-on experimentation with field methods, and multiple formal and informal writing activities that guide students in creating rough drafts, conducting revisions, and producing polished work. The course serves students in all interdisciplinary fields.

Prerequisite: ENGL-101 minimum grade of C.

GS-399. Capstone Global Studies. 4 Hours.

In this course students will examine and conduct research on global phenomena. We will read and debate a range of approaches to the study of the global, addressing both methodological and theoretical issues. Students will conduct individual research projects, working through all the stages from proposal to completed paper. As the capstone course for the Global Studies Program, the primary course goal is to provide students with practical experience in linking reading and discussion of published sources in Global Studies to the tasks of researching , analyzing, and writing about their own areas of interest in the field.

Prerequisites: GS-201 minimum grade of C and GS-202 minimum grade of C.

International Programs

Lawrence N. Berlin, Ph.D., Director of International Programs

Kyu Park, Ph.D., Associate Director of International Programs

Wojciech Wloch, Coordinator of International Partnerships

Ryan Miller, F-1 Advisor

The Office of International Programs (<http://neiu.edu/academics/international-programs>) (OIP) was established in 1996 as a reflection of Northeastern Illinois University's commitment to an internationalized campus and curriculum. In 2004, the university was awarded the prestigious Institute of International Education's Andrew Heiskell Award for Internationalizing the Campus. The primary goal of the OIP is to prepare students to function effectively in the global society of the twenty-first century. The OIP works closely with state, national, and international alliances to promote the awareness and importance of international education. It is a member of the American International Recruitment Council (AIRC), the Association of International Educators (NAFSA), the European Association for International Education (EAIE), the Hispanic Association of Colleges and Universities (HACU), ICEF, the Institute of International Education (IIE), and Study Illinois.

General questions should be directed to R. Miller at +1-773-442-4799 or International-Programs@neiu.edu.

Study Abroad

Semester- or Year-Long Exchange Opportunities

Northeastern has established formal partnerships with universities in fifteen different countries around the world. Through these partnerships, Northeastern students have increased the opportunities available at either the undergraduate or graduate level to spend from one to two semesters at an international partner university (<http://neiu.edu/academics/international-programs/go-abroad/international-partner-universities-ipus>) (IPUs), enhancing their understanding of other cultures and expanding their experience with global and international affairs. During their time abroad as exchange students, Northeastern students remain registered and pay their tuition and fees to Northeastern; for that reason, federal financial aid may still be used to cover these costs. Additionally, Northeastern students may also qualify to apply for study abroad scholarship opportunities, such as the HACU Scholarship Program and those administered by the Institute of International Education (IIE) (e.g., IIE Midwest, Gilman or Borman Scholarships, and Freeman Asia). For more information about exchanges and IPUs, contact W. Wloch at +1-773-442-4068 or W-Wloch@neiu.edu.

Faculty-Led Study Tours

If students are not able to commit to a semester or two and/or would like to engage in a shorter study abroad experience, each year different Northeastern faculty propose study tours linked to individual classes. Through these faculty-led study tours, students are able to enhance their understanding of world cultures, sharpen their cultural sensitivity, and increase their intercultural competencies while earning credit for registered classes. Recent tours have taken students to Belize, China, India, Italy, Japan, the Netherlands, and Switzerland. Students should check with the Office of International Programs at +1-773-442-4799, at International-Programs@neiu.edu, or on the OIP website for current faculty-led study tour opportunities (<http://neiu.edu/academics/international-programs/go-abroad/study-tours>).

International Students

Northeastern has also expanded international student enrollments. International students are required to meet with the appropriate international student advisor in the Office of International Programs for orientation and action that could have an impact on their international student status. In order to maintain international student status, all international students must meet USCIS enrollment requirements during the fall and/or spring semesters and may not work off campus without authorization.

F-1 Degree-Seeking and Non-Degree-Seeking Students

International students must submit all required documents and meet all requirements specified for full admission to an undergraduate (<http://neiu.edu/academics/international-programs/come-northeastern/come-northeastern-0>) (bachelor) or a graduate (<http://neiu.edu/academics/international-programs/come-northeastern/come-northeastern>) (master) degree program. Those who meet all academic requirements, but still need to improve their English language proficiency may request consideration for "conditional admission" by applying simultaneously to Northeastern's intensive English program, the School for the Advancement of English Language and Learning (SAELL (<http://neiu.edu/academics/international-programs/intensive-english-program/saell-program>)), and the university/degree program. Degree-Seeking Students may direct questions to R. Miller at +1-773-442-4799 or R-Miller12@neiu.edu; Non-Degree-Seeking/"Language Only" or "Conditional Admission" Students may direct questions to +1-773-442-4796.

1. International students coming from outside the U.S. may arrive up to thirty days before the start of their academic program. They are encouraged to do so in the event that they need to be authorized to register for classes as soon as possible. All students with an initial attendance I-20 must report to the international advisor before classes start for orientation and submission of all official documents (e.g., copy of the F-1 visa, original Northeastern Financial Statement, original bank letters).

2. International students transferring from other U.S. colleges or universities may choose to attend either the early orientation session or the general orientation session, which will normally be scheduled during the week before the first day/week of classes in any academic semester.
3. Students changing status to F-1 are required to attend an orientation session preceding their term of admission, even if their change of status has not yet been granted. The orientation dates and times will be included in a letter from the F-1 Advisor, which will be sent out in the admission packet prepared by Enrollment Management Services (undergraduate/bachelor students) or the College of Graduate Studies and Research (graduate/master students).
4. International students coming for language study only (SAELL) will also need to follow the rules indicated above (coming from outside the U.S., transferring, or changing status). The orientation dates and times will be included in a letter from the SAELL Director.

J-1 Exchange Students and Visiting Scholars

International exchange students (J-1) coming from international partner universities are required to attend an international exchange student orientation session, which normally takes place during the week before the first day of classes in any academic semester. International exchange students are required to contact the Coordinator of International Partnerships regarding academic issues, questions about their status, and traveling outside the U.S. during the term of their DS-2019. All international exchange students must meet program requirements based on the agreements between Northeastern Illinois University and their home university. Students may direct questions to W. Wloch at +1-773-442-4068 or W-Wloch@neiu.edu .

Visiting scholars must send an official request, as well as their curriculum vitae, to be considered for approval to be in residence at Northeastern. Inquiries may be directed to Dr. K. Park at +1-773-442-5447 or K-Park@neiu.edu .

Learning Support Center

Katherine Gleiss, Director
Ronald Williams Library, LIB-454
(773) 442-4568

The Learning Support Center (LSC) provides peer-directed academic tutoring for individuals and groups in the following areas:

- General Education courses
- Writing
- Reading
- Math Development and college level math
- Academic Coaching

The primary emphases are promoting active learning strategies, encouraging student engagement, and providing content support. Academic support is provided to students who are seeking assistance with understanding course concepts and preparing assignments, along with developing an improved learning system for college which includes motivation, academic engagement, brain-based habits for college learning, and learning strategies for note taking, textbook reading, and test taking.

Tutors are graduate and undergraduate students who are carefully selected on the basis of their own academic achievement by faculty and given supervision, training, and support to serve as tutors, mentors, and academic coaches. Additionally, the LSC provides all NEIU students an area for learning groups and an opportunity to learn with other students. Appointments are strongly encouraged, and students are welcome to drop in to discuss their individual academic support needs.

Math and Science Concepts Minor

Math and Science Concepts Minor (MSTQE)

[Concepts in Integrated Math and Science with Pedagogy Minor]

Heather Nissenson-Patay, MA, Program Director

Note: The math and science concepts minor is undergoing curricular and structural modifications. Please see program director.

The Math and Science Concepts Minor (MSTQE) is designed for undergraduate students interested in developing deep and broad based literacy in math, physical and life sciences and technology. Most students in the program go on to major in education and many elect to become teachers of math and general science. Others go on to teach in informal education, in museums, libraries, zoos, environmental education and other venues.

The structure of the MSTQE program is unique in that it builds on a "Bridge" partnership with two of the community colleges within the Chicago City College system. Truman and Wright College recruit students and their professors of math and science to participate in the MSTQE program at Northeastern Illinois University. This distinctive feature helps to build a population of diverse candidates within the program and demonstrates the cooperation between the college and university faculties and systems.

Education majors may use the minor to meet the content course requirements of the Illinois State Board of Education in math, life and physical science. In addition, the Math and Science Concepts Minor is accepted by the College of Education and the College of Arts and Sciences as a recognized content minor.

Integrated math and science course pairs provide students with opportunities to interact with professors and classmates to investigate and co-construct knowledge. The program emphasizes: observation, mathematical reasoning, scientific inquiry technology, individual, collaborative and group exploration, connections to real world problems and construction of investigative design models using concept mapping as well as computer concept and agent modeling. The courses in the Math and Science Concepts Minor focus on content specific knowledge and content specific pedagogical knowledge. All of the courses provide students with the opportunity to think about how the math and science content they are studying at the undergraduate level could be used to make the teaching and learning of math and science as future educators both engaging and effective.

The Math and Science Concepts Minor Program is a Consortium program in which faculty and students from Wright College, Truman College and Northeastern Illinois University teach and study together. The goal of the Consortium is to create a pipeline to increase the number of individuals, including those from diverse backgrounds who become effective teachers of math, science and technology.

Math and science courses are block scheduled. Math and science faculty members integrate their content and develop joint interdisciplinary assignments and projects.

Eligibility Requirements

- Students may demonstrate that they are eligible for MSTQE through satisfactory completion of MATH-149 and MATH-150. Recommendations and referrals from math instructors will also be considered.
- Students must have placed into Basic Academic Writing I or have a recommendation from an English or NEIU ESL instructor.
- Students must complete an interview and advising, program-planning meeting with the program director or assistant.
- Students must sign a program agreement regarding their understanding of and willingness to meet and participate all program requirements.

Program Requirements: Students are Expected To

- Register for and participate concurrently in both courses in each course pair.
- Participate in the workshops and study groups that are integrated with each of the course pairs (called Guided Inquiry or GIL).
- Participate in the bi-weekly reflection, peer mentoring and Advisory Sessions held throughout their course of study in the Math and Science Concepts Minor.
- Complete assignments and projects that involve a range of experiences including experiences with children and emerging adolescents, field and clinical experiences, as well as data collection, research and/or other "real world" experiences.
- Mentor children and emerging adolescents in school and area science fairs, judge science fairs and conduct and complete their own inquiry project.
- Agree that while most classes are held on the main campus of Northeastern Illinois University-some may meet in partner community agencies, field sites, schools, or community colleges.

- Understand that the learning experiences in the content courses are inquiry, problem and process based. All courses require work that utilizes the following: Solving Problems, Working in Teams, Written, Oral Communication and Argumentation, Literacy and English Language Arts Connections, Using Technology, Assessing and Reflecting on Their Own and Their Classmates Learning, Cultural Awareness, Cultural Competency and Real World Applications of Math, Science and Technology including Issues of Equity and Social Justice.
- One criteria for advancing to the capstone courses includes achieving positive assessments of professional and 21st Century dispositions.
- Create a portfolio documenting growth and learning during their study and experiences in the Math and Science Concepts Minor Program.

Minor Course Requirements

Math and science courses in the course pairs must be taken concurrently. Course blocks should be taken sequentially. Requests to take courses in a different sequence must be approved by the program advisor and director. The program is standards based and learning experiences build on one another in a sequence.

Mathematics courses in the Math and Science Minor support student understanding and ability to use concepts in the National Council of Mathematics Standards for Teachers, the Common Core Standards in Mathematical Practices and Mathematical Content and the Conference Board of the Mathematical Sciences Mathematical Education of Teachers and the Illinois State Board of Education Professional Educator Content Standards in Mathematics.

Science courses in the Math and Science Concepts Minor support student understanding and ability to use concepts in the Next Generation of Science Standards, the standards for teachers of the National Science Teachers Association, the work of the National Academy of Science, the National Research Council, and the Illinois State Board of Education Professional Educator Content Standards in Science.

Block I

MATH-280 & PHYS-108	Geometry Concepts For Educators and Physics Concepts For Educators	8
MATH-281 & CHEM-108	Number Concepts For Educators and Chemistry Concepts For Educators	8
Total Hours		16

Block II

MATH-147 & BIO-105 & BIO-104	Statistical Concepts For Educators and Environmental Biology Lab and The Changing Natural Environment (Special Section for the Math/Science Concepts Minor students)	8
Total Hours		8

Block III

MATH-145 & BIOS-110	Algebra Concepts For Educators and Introduction To Biology For Educators	8
Total Hours		8

Block IV

MATH-380 & BIO-299	Calculus Concepts For Educators and Ecology Concepts	7
MATH-381	Concepts In Discrete Mathematics For Educators ¹	3
Total Hours		10

¹ Program require student to also complete a course in Earth Science.

Cognate Courses

SOC-104	Schools And Society	3
PEMT-342T	Cooperative Learning In Adventure Education	3
HLED-199	Health & Wellness Of The Emerging Adolescent Student	3
Total Hours		9

List of Recommended Electives

- GES-305 Geography And Map Skills For Teachers
- TESL courses (supports effective language arts teaching and counts toward the TESL endorsement)
- ENGL-390 Young Adult Novel

BIO-104. The Changing Natural Environment. 3 Hours.

Attitudes toward the natural environment. Exploitation of the natural plant and animal communities and the effects of overpopulation and increasing pollution of the environment on the biological world. Lecture only. (Does not fulfill major or minor requirements in Biology.)

BIO-105. Environmental Biology Lab. 1 Hour.

This course provides a field and laboratory experience to accompany the MS Concepts Minor Section of "Changing Natural Environment". Data collected in the field and laboratory will be used for analysis in the paired MATH-147 course in statistics and probability. The field and lab course will focus on the process of science-from exploratory and inquiry based laboratory field work to scientific communication and presentation skill. Technology will be threaded throughout the course. Topics include diversity and viability in nature, ecosystem services, and flows of matter and energy. This course is linked to BIO-104 and MATH-147.

Prerequisites: (BIO-100 minimum grade of C or BIOL-100 minimum grade of C) and (MATH-180 minimum grade of C or MATH-199A minimum grade of C).

Corequisites: BIO-104, MATH-147.

BIO-299. Ecology Concepts. 3 Hours.

This course provides a foundation in core ecology concepts as they relate to the practice of middle school teaching. A quantitative perspective will be stressed and topic will be analyzed using tools from calculus, technology, concept and agent modeling whenever possible. Course will focus on scientific inquiry methodology and process, from exploratory and inquiry-based laboratory and field work to scientific communication and presentation skills. Topics include population growth, competition, and flows of matter and energy. This course is linked to MATH-380.

Prerequisites: BIO-100 minimum grade of C or BIOL-100 minimum grade of C and (BIO-104 minimum grade of C or BIOL-104 minimum grade of C) and (MATH-380 minimum grade of C or MATH-199X minimum grade of C).

BIOS-110. Introduction To Biology For Educators. 4 Hours.

Designed specifically for prospective elementary and middle grades teachers, this inquiry-based biology course meets current and relevant content standards in biology for educators as well as NEIU College of Education science course requirements. Prior knowledge in chemistry, physics, and mathematics is integrated. Content includes cell/molecular biology, evolution, genetics, organismal biology and bioengineering. During laboratory/field experiences, students will continue to develop proficiency with scientific methods, experimental design, data collection and analysis, and communication. Mathematical applications include statistics and algebra. For students in the Math and Science Concepts Minor program (MSTQE), content is linked and integrated with MATH-145. Prerequisite: MATH-149 or above, or ACT Math Score of 25 or higher, or NEIU MPT of 35 or higher.

Prerequisite: (MATH-149 - 499 or MATH-149A - 499Z or NEIU Math Placement Result 35 - 45 or ACT English 25 - 36 or Accuplacer College Level Math 031 - 120).

Corequisite: MATH-145.

CHEM-108. Chemistry Concepts For Educators. 4 Hours.

This course covers the basic principles of chemistry including atomic theory, solution chemistry, organic and biochemistry, states of matter and its various physical and chemical properties, appropriate use of nomenclature, chemical bonding, and use of quantitative calculations based on chemical equations including scientific notation, significant figures and dimensional analysis. The historical development of how chemistry contributes to our civilization will also be considered. Elementary chemical principles will be used to explain the behavior of synthetic polymers, toxic substances, food additives, cleaning products and other chemically manufactured materials. Issues of contemporary critical technologies such as biomaterials, natural products, alternative fuels, bioremediation, fuel cells, green technology, bio-defense and smart materials may be examined. This course is aligned to the ISBE Standards for General Science Educators, National Science Teachers Association Standards and the Next Generation of Science Standards. Course outcomes include developing students' ability to apply knowledge of chemistry to a variety of real world problems and settings with particular emphasis on scientific inquiry, the nature of science, civic engagement and applications to teaching. CHEM-108 is an interdisciplinary lab-oriented course that integrates concepts from the life, physical, social sciences, and mathematics and is linked to MATH-281.

Prerequisites: (MATH-180 minimum grade of C or MATH-199A minimum grade of C) and (MATH-280 minimum grade of C or MATH-199G minimum grade of C).

Corequisite: MATH-281.

MATH-145. Algebra Concepts For Educators. 4 Hours.

This course focuses on algebra concepts and is designed to meet the needs of educators. Some of the concepts covered will be linear, quadratic, exponential and logarithmic functions, systems of equations and introduction to trigonometric functions. Problem solving, development of algebraic thinking and modeling simple and complex linear systems with and without technology will be emphasized. Written assignments and reflections on the learning process will be introduced as appropriate. Algebra concepts will be taught in the context of real world problems and applications. This course has been designed keeping in mind the NCTM teacher standards, Common Core Mathematical Practices, content and ELA Standards in Mathematics and the ISBE mathematics teacher standards and the content and pedagogy necessary to prepare teachers to be developmentally responsive teachers of math and science. Course is linked and integrated with the MSTQE Bios 110.

Prerequisite: MATH-150 minimum grade of C or MATH-151 minimum grade of C.

Corequisite: BIO-199.

MATH-147. Statistical Concepts For Educators. 4 Hours.

This course has been designed keeping in mind the NCTM teacher standards, Common Core Mathematical Practices, Content and ELA Standards in Mathematics and the ISBE mathematics teacher standards and the content within the paired interdisciplinary science course. There will be three principle components of the course: 1) descriptive statistics, 2) basic probability theory and central limit theorem, 3) applied statistics in the form of confidence intervals and hypothesis testing. Contemporary critical technologies such as data warehousing and mining, and concept modeling may be considered. This course is linked with BIO-104 Environmental Biology, and BIO-105 Environmental Biology Lab.

Prerequisite: MATH-141 minimum grade of C or MATH-108 minimum grade of C or NEIU Math Placement Result 30 or ACT Math 22 or ACT Math 23 or ACT Math 24 or Accuplacer College Level Math 020 or Accuplacer College Level Math 021 or Accuplacer College Level Math 022 or Accuplacer College Level Math 023 or Accuplacer College Level Math 024 or Accuplacer College Level Math 025 or Accuplacer College Level Math 026 or Accuplacer College Level Math 027 or Accuplacer College Level Math 028 or Accuplacer College Level Math 029 or Accuplacer College Level Math 030.

Corequisites: BIO-104, BIO-105.

MATH-280. Geometry Concepts For Educators. 4 Hours.

This course focuses on the concepts of plane and solid geometry and trigonometry. It is designed to meet the needs of math teachers in accordance with the NCTM teacher standards, Common Core

Mathematical Practices, Content and ELA Standards in Mathematics and the ISBE mathematics teacher standards. The topics include basic definitions and properties of plane and solid figures, congruence, similarity, constructions, measurements, transformations, Pythagorean Theorem, right angle trigonometry and the unit circle. Problem solving using manipulatives, calculator and computer programs is emphasized throughout. Writing assignments as appropriate are also part of the course. This course is linked with PHYS-108.

Prerequisite: MATH-141 minimum grade of C or MATH-108 minimum grade of C or NEIU Math Placement Result 30 or ACT Math 22 or ACT Math 23 or ACT Math 24 or Accuplacer College Level Math 020 or Accuplacer College Level Math 021 or Accuplacer College Level Math 022 or Accuplacer College Level Math 023 or Accuplacer College Level Math 024 or Accuplacer College Level Math 025 or Accuplacer College Level Math 026 or Accuplacer College Level Math 027 or Accuplacer College Level Math 028 or Accuplacer College Level Math 029 or Accuplacer College Level Math 030.

Corequisite: PHYS-108.

MATH-281. Number Concepts For Educators. 4 Hours.

This course has been designed keeping in mind the NCTM teacher standards, Common Core Mathematical Practices, Content and ELA Standards in Mathematics and the ISBE mathematics teacher standards and the content and pedagogy necessary to prepare teachers to be teachers of math and science. A wide range of topics across number theory and measurement will give the students a grasp of the depth and breadth of mathematics outside the traditional course structures. Problem solving, estimation, measurements and construction of simple theories of numbers will be treated with and without the use of technology. Writing assignments will supplant the assignments typically found in a mathematics course. This course is linked with CHEM-108.

Prerequisite: MATH-141 minimum grade of C or MATH-108 minimum grade of C or NEIU Math Placement Result 30 or ACT Math 22 or ACT Math 23 or ACT Math 24 or Accuplacer College Level Math 020 or Accuplacer College Level Math 021 or Accuplacer College Level Math 022 or Accuplacer College Level Math 023 or Accuplacer College Level Math 024 or Accuplacer College Level Math 025 or Accuplacer College Level Math 026 or Accuplacer College Level Math 027 or Accuplacer College Level Math 028 or Accuplacer College Level Math 029 or Accuplacer College Level Math 030.

Corequisite: CHEM-108.

MATH-380. Calculus Concepts For Educators. 4 Hours.

Course is designed keeping in mind the NCTM teacher standards, Common Core Mathematical Practices, Content and ELA Standards in Mathematics and the ISBE mathematics teacher standards and the understanding that many of the students are preparing to be mathematics teachers. Course emphasis is on developmentally responsive conceptual knowledge, content specific knowledge and pedagogical knowledge. Course will focus on real applications including applications to study of ecology and change and on process not procedures. Topics are consistent with a standard calculus course and include: analytical geometry, limits and derivatives, differential equations, polynomials, applications, integration, series, fundamental theorem of calculus. This course is integrated with NEIU BIO-299.

MATH-381. Concepts In Discrete Mathematics For Educators. 3 Hours.

Designed especially for teachers, this course provides a foundational experience in discrete mathematics through an emphasis on topics in graph theory. Students will learn about mathematics as an active process of making conjectures, testing ideas, and proving conclusions. Special emphasis is given to mathematical communication, problem-solving, and applications to the sciences. Topics include: the Four Color Theorem, trees, digraphs, bipartite graphs, planar graphs, Platonic solids, Euler and Hamilton circuits, the P+NP Problem, algorithms and combinatorial explosion. Students will first learn the mathematics and then explore how it connects to developmentally responsive school curriculum.

Prerequisite: MATH-380 minimum grade of C or MATH-199X minimum grade of C.

PHYS-108. Physics Concepts For Educators. 4 Hours.

A laboratory oriented course that integrates concepts from geometry, algebra and trigonometry. Central concepts of physics (the laws of mechanics and electricity, the properties of light, atoms and nuclei) and how they are applied in the modern world (rockets, electric motors, optical instruments, automobiles, fuel cells, alternative fuels, stationary i.e. power plant and non-stationary i.e. aircraft, green technology etc.) are investigated. Issues of smart materials, celestial mining, nanotechnology, quantum computing and other contemporary critical technologies may be investigated. Discussion may include topics and concepts related to robotics, kinematics and dynamics of particles and rigid bodies and electrostatics, electric fields, electric potentials, currents, magnetic fields, wave motion. Basic concepts of geology, meteorology, oceanography and the solar system may be threaded throughout. Course content is aligned to the National Science Teachers Association and the dimensions of the Next Generation of Science Standards. PHYS-108 is linked to MATH-280.

New Student and Family Programs

Barbara Sherry, Assistant Provost
Main Office - C-520
(773) 442-5373

New Student and Family Programs is designed to focus on the successful transition of entering first-year and transfer students. This office coordinates New Student Orientation, the Testing Services for English (Writing and Reading) and Mathematics placement, Orientation Leaders, and Family and Parent Programming.

New Student Orientation

Orientation assists new students with a successful transition to Northeastern Illinois University by preparing students for the academic, social, and cultural opportunities and climate of the University, while also supporting parents, partners, guardians, and children of new students.

Testing

Our area administers and coordinates placement testing in English (Writing and Reading) and Mathematics. Counseling Services provides psychological testing for students when deemed appropriate. Career Development Center assists students by providing information for graduate entrance exams and career testing. The Department of Foreign Languages and Literatures offers placement tests in non-English languages (i.e., German, French, Spanish, Russian) and the Test of English as a Foreign Language (TOEFL). In addition, the College of Education and the College of Business and Management administer a variety of tests/examinations required for admission to their respective colleges.

Family and Parent Programming

We involve and support family members by providing helpful information to aid in the success of their student. Programs such as Family Orientation, Family Brunch, and our Family Newsletter provide parents and family members an opportunity to become connected to Northeastern, its community and campuses.

Project Success

Pinkey Stewart, Ph.D., Director
Lech Walesa Hall, LWH-4029
(773) 442-4980

Established at Northeastern Illinois University in 1968, Project Success is an academic support services program that has historically and continues to serve African-American or first generation college students who demonstrate academic potential, but do not meet the general university admissions requirements.

Project Success is also a University admitting body, responsible for recruiting and admitting students. Students in this program are given a two-year adjustment period to meet University academic requirements. They must actively participate in the assistance programs provided and show evidence of academic progress.

Students receive guidance and support from academic advisors until the requirements to declare a major are met and/or four semesters have transpired since the student enrolled at NEIU. In addition, the program offers integral information about transitioning and excelling in college, via 3-credit academic transition courses taught by Project Success advisors. These courses complement the program's objectives to provide personal and academic support services designed to increase scholastic achievement and persistence towards graduation.

ACAD-101B. Special Programs Seminar I: Project Success. 3 Hours.

This course covers college success strategies by: 1) developing students' self-awareness and self assessment; 2) promoting a better understanding and appreciation of educational, cultural and professional environments and specifically, the NEIU environment and 3) cultivating and enhancing students' learning, organizational and critical thinking skills as well as helping students define career options while integrating computer technology. Students will also understand and apply appropriate general education concepts.

ACAD-102B. Special Programs Seminar II: Project Success. 3 Hours.

This course reviews college success strategies as described in ACAD-101B Special Program Seminar I: Project Success and is designed for students who have not successfully completed the first Fall term or have not earned a C or better grade in ACAD-101C at NEIU based on the Project Success Participant Agreement.

ACAD-102E. Special Programs Seminar II: Project Success' Topics On Pan Africanism. 3 Hours.

Designed to further increase the retention of primarily African American students by developing their self-esteem through continued emphasis on increasing reading and writing/research skills acquired through the study of African/African American people, culture and experiences.

ACAD-102F. Special Programs Seminar II: Topics In The Asian American Experience. 3 Hours.

Designed to further increase the retention of primarily Asian American students by developing their self-esteem through continued emphasis on enhancing reading, writing and communication skills acquired through the teaching of topics concerning the Asian-American culture and experience.

Proyecto Pa'lante

Angelica Rivera, Ph.D., Director
Lech Walesa Hall, LWH-4029
(773) 442-5460

Proyecto Pa'Lante is an academic support services program that has historically and continues to serve Latino students who demonstrate academic potential, and may not meet the general University admissions requirements. Proyecto Pa'Lante is also a University admitting body, responsible for recruiting and admitting students.

Students in this program are given a two-year adjustment period to meet University academic requirements. They must actively participate in the assistance programs provided and show evidence of academic progress. Students receive guidance and support from an academic advisor until the requirements to declare a major are met.

In addition, the program offers integral information about transitioning and excelling in college, via 3-credit academic transition courses taught by Proyecto Pa'Lante advisors. These courses complement the program's objectives to provide personal and academic support services designed to increase scholastic achievement, persistence toward graduation, and community building at Northeastern Illinois University.

Proyecto Pa'Lante es un programa de apoyo académico creado para reclutar principalmente a estudiantes de origen Latino que demuestran potencial académico, o que tal vez no cumplen con los requisitos generales obligatorios para ser admitidos a la Universidad. Proyecto Pa'Lante es responsable de reclutar y admitir a sus estudiantes. Estudiantes en este programa reciben un periodo de ajuste académico de dos años para cumplir los requisitos académicos de la Universidad. Se requiere que los estudiantes participen activamente y demuestren evidencia de su progreso académico.

Los estudiantes reciben la orientación y apoyo de un consejero académico hasta que el estudiante haya cumplido los requisitos para declarar su carrera académica. El programa ofrece a los estudiantes información que los ayuda a hacer la transición a la universidad a través de dos clases de 3 créditos que son instruidos por los consejeros académicos. Estas clases complementan los objetivos del programa de proveer apoyo personal y académico a los estudiantes para mejorar su progreso académico, la persistencia para adquirir un título universitario, y crear un ambiente de familia y comunidad.

Proyecto Pa'Lante Seminars

ACAD-101C. Special Programs Seminar I: Proyecto Pa'Lante. 3 Hours.

This course covers college success strategies by (1) developing students' self-awareness and self assessment; (2) promoting a better understanding and appreciation of education, cultural and professional environments and specifically, the NEIU environment, and (3) cultivating and enhancing students' learning, organization and critical thinking skills and define career options while integrating computer technology. Students will also understand and apply appropriate general education concepts.

ACAD-102C. Special Programs Seminar II: Proyecto Pa'Lante. 3 Hours.

This course covers college success strategies as described in ACAD-101C Special Program Seminar I: Proyecto Pa'Lante and is designed for students who have not successfully completed the first Fall term or have not earned a C or better grade in ACAD-101C at NEIU based on the Proyecto Pa'Lante Participation Agreement.

TRIO Student Support Services

Monica Teixeira, Director
Ronald Williams Library, LIB-412
(773) 442-4971

TRIO Student Support Services programs (Access, Achieve and Teacher Preparation) engage NEIU undergraduate students from enrollment through graduation, providing or negotiating a range of support services to increase academic performance and graduation.

Students meeting one of these criteria are eligible:

- first generation students,
- low-income students,
- or students with disabilities.

Individualized services include:

- academic, career, and personal advising,
- financial aid and scholarship guidance,
- personal and leadership development,
- college success workshops,
- and tutoring and peer mentoring.

Three TRIO programs serve the needs of NEIU students:

- The Access program serves students experiencing impairments of educational access or performance due to a disability including: learning and cognitive disabilities, psychiatric and neurological symptoms, physical and sensory impairment, and chronic health conditions.
- The Achieve program serves first generation or low-income students from all majors, providing assistance in developing individual strategies for personal and academic college success in areas such as choosing a major, paying for college, and developing an educational plan leading to graduation.
- The Teacher Preparation program serves students majoring in education, supporting them on their path toward university graduation and teacher licensure through services such as licensure test preparation, and personal, academic, and professional development workshops.

University Honors Program

Vicki Román-Lagunas, Director
Jon B. Hageman, Coordinator
Melissa Ramos, Administrative Assistant

Curriculum and Standards Board:

John Casey, Philosophy, Chair
Amina Chaudhri, Teacher Education
Lesa C. Davis, Anthropology
Amanda Dykema-Engblade, Psychology
Ana Nieves, Art
Aaron Schirmer, Biology
Emina A. Stojkovi#, Biology
Qiumei (Jane) Xu, Management and Marketing

Uniquely flexible for students in all fields of study and at almost every stage of degree progress, the University Honors Program (UHP) is open to eligible undergraduates who have a minimum of three academic terms left before graduating from NEIU. UHP students enjoy priority registration, small class size, and a stimulating curriculum that cultivates critical and independent thinking. A limited number of Merit Tuition Scholarships and Travel Fund Awards are awarded to students on the basis of academic merit and honors course completion.

The University Honors Program is composed of two independent tiers: The Honors Student General Education Program for freshmen and sophomores, and the Honors Scholar 300-level Program for juniors and seniors. Four unique Area Courses in the general education program introduce Honors Students to the array of studies available at NEIU and demonstrate the interconnections between academic disciplines. At the 300 level, UHP Scholars tailor the curriculum to their academic major and interests. Requirements at the 300 level emphasize research and culminate in the completion of a two-semester Senior Project that builds professional and academic confidence, preparedness, and competitiveness. Study Abroad and international field experience can partially fulfill 300-level UHP coursework. Successful completion of the Program results in Honors Student and Honors Scholar designations imprinted on transcript and/or diploma.

All UHP course numbers are prefixed by an initial "Z", followed by a three-letter code designating the Honors Program (e.g., "ZHON") or an academic department (such as "ZART" for an Honors Art course).

More detailed information on the NEIU Honors Program is available in the Honors Office, B-141, by phone at (773) 442-6044, or at our website: neiu.edu/academics/honors-program

Honors Student Program

Requirements for Admission:

Entering Freshmen: 'High Pass' on application essay and at least one of the following: ranked in top 10% of graduating high school class or minimum ACT score of 25; portfolio, if appropriate, of significant works demonstrating excellence in creative activities. Exceptional cases will be considered. Interested students with a GED are encouraged to apply.

Current NEIU/ Transfer Students: 'High Pass' on application essay. Minimum cumulative GPA of 3.5 (on a 4.0 scale) in NEIU courses numbered 100 and above or in transferable courses.

Up to six credits earned in a similar Honors Program may be considered for transfer into the NEIU Honors Program. Petition for transfer courses will be evaluated by the UHP Coordinator.

Retention Requirements for the Honors student Program:

Only courses passed with grades of 'A' or 'B' will fulfill UHP requirements; no Honors course may be taken more than twice.

Minimum cumulative GPA of 3.5 and UHP GPA of 3.0 must be maintained to stay in good UHP academic standing and be eligible to receive UHP scholarships and awards.

Students who do not meet these requirements will be placed on UHP academic probation for two consecutively enrolled terms; failure to reach the criteria after the probationary term may result in dismissal from the Honors Student Program.

Requirements for the Honors student Program:

The Honors Student Program requires completion of 15 credit hours of 100- and 200-level general education Honors courses: each of four Honors Area Courses listed below and one Honors elective. All Honors courses will be designated by an initial Z, followed by a three-letter code designating the Honors Program (ZHON) or an academic department (in the case of electives).

ZHON-192	Introduction To The Humanities	3
ZHON-193	Honors Introduction To The Social Sciences	3
ZHON-194	Honors Introduction To The Sciences	3
Z- Honors elective		3
Total Hours		15

Students who successfully complete the Honors Student Program will have the designation "Honors Student" imprinted on their transcript.

Honors Scholars Program

Students may enter the Honors Scholar program in one of two ways:

1. successful completion of Honors Student Program and declaration of an academic major; or
2. declaration of an academic major, Junior standing, cumulative GPA of 3.5, and a 'high pass' on the Scholar-level application essay.

Students applying via the second option above will be asked to respond to an essay question that will allow them to demonstrate their critical thinking and writing skills.

Requirements for the Honors scholar Program:

The Honors Scholar Program requires completion of 15 credit hours at the 300 level: 9 credit hours of electives (such as courses adapted from the major or minor for UHP credit, Study Abroad or international field experience, or ZHON-375: Honors Colloquium: World Perspectives), and 6 credit hours of work toward a two-semester UHP Senior Project (ZHON-360-Honors Seminar in Research and Creative Processes and ZHON-395-Honors Thesis Hours/Creative Project, or approved discipline-specific equivalents). See below for additional information on adapting courses for UHP credit and on the Senior Project requirement.

3 UHP electives at the 300 level (adapted major/minor courses, Study Abroad or international field experience, or ZHON-375)		9
ZHON-360	Honors Seminar In Research & Creative Processes	3
ZHON-395	Honors Thesis/ Creative Project	3
Total Hours		15

Retention Requirements for the Honors scholar Program:

Only courses passed with grades of 'A' or 'B' will fulfill UHP requirements; no Honors course may be taken more than twice.

The student must maintain a minimum cumulative GPA of 3.5 and UHP GPA of 3.0 to stay in good UHP academic standing and be eligible to receive UHP scholarships and awards.

Students who do not meet these requirements will be placed on Honors Program academic probation for two consecutively enrolled terms; failure to reach the criteria after the probationary term may result in dismissal from the Honors Scholar Program.

Students who successfully complete the Honors Scholar Program will have the designation "Honors Scholar" imprinted on their transcript and diploma upon graduation.

Adapted Courses:

Students at the Honors Scholar level will apply to adapt non-Honors courses for Honors credit. In this way, courses in the student's major can fulfill UHP requirements. Student and faculty member must discuss this option in advance, complete the UHP Adapted Course Application, and submit it for approval by the UHP Coordinator prior to the start of the semester in which the course will be taken. Additional guidelines regarding this process are available from the Honors Program Office, B-141.

UHP Senior Project

All UHP Scholars must complete a UHP Senior Project, a research-based thesis or creative work (depending on the scholar's major) that represents outstanding undergraduate achievement in their field(s) and the culmination of the Honors Scholar curriculum. To be eligible for enrollment in ZHON-395-Honors Thesis Hours/Creative Project, scholars must successfully complete ZHON-360 (or equivalent) with an approved project proposal that includes abstract, literature review, and initial write-up of the inquiry/project. They must also have the support of a faculty member in their field who is familiar with the project proposal and willing to serve as thesis advisor. For additional information and guidelines, scholars can pick up a current copy of the UHP Senior Project Manual and other related documents from the UHP Office, B-141.

For general questions regarding the NEIU Honors Program, contact the Honors Office: (773) 442-6044.

ZHON-191. Honors Introduction To The Arts. 3 Hours.

This course provides a stimulating introduction to the performing and fine arts. The course is structured around four modules covering the performing and fine arts offered at NEIU: visual arts, music, dance, and theater. The modules, while complete in themselves, will draw connections between the fine arts and explore the differences that make each of the fine arts unique. This course counts for General Education credit in the Fine Arts area.

ZHON-192. Introduction To The Humanities. 3 Hours.

This lively introduction to the humanities at NEIU and to humanistic discourse in general is a discussion-oriented core course in the Honors Program. It is structured around a series of thought-provoking questions that will allow for the investigation of multiple methods of inquiry employed in the humanities. Various topics will be explored from the perspectives of English, Foreign Languages and Literatures, Linguistics, Philosophy, Communication and Women's Studies. Students will learn essential academic skills while exploring how these disciplines are both distinctive and in conversation with one another, sharing concerns common to the humanities in general. This course count for General Education credit in the Humanities area.

ZHON-193. Honors Introduction To The Social Sciences. 3 Hours.

This spirited introduction to the social sciences at NEIU, and to the behavioral and social sciences in general, is a discussion-oriented core course in the Honors Program. It is structured around a series of thought-provoking readings and inter-related topics that will investigate multiple methods of inquiry employed in the social sciences. These themes and approaches will be explored from the perspectives of Anthropology, Economics, Geography, History, Justice Studies, Political Science, Psychology, and Sociology. Students will learn essential academic skills while gaining insight into how various disciplines connect with one another and inform various dimensions of interpersonal life. This course counts for General Education credit in the Social/ Behavioral Sciences area.

ZHON-194. Honors Introduction To The Sciences. 3 Hours.

This course provides a stimulating introduction to a set of topics that are at the forefront of research in the natural sciences. The course is structured around a series of modules each covering a topic that is among the most significant in the fields of Biology, Chemistry, Earth Science, and Physics. The modules, while complete in themselves, will draw connections between scientific disciplines, and will explore how advance in one field have facilitated breakthroughs in other fields of science. The integration of computation into the course provides a strong link to the disciplines of Mathematics and Computer Science as well. This course counts for General Education credit in the Natural Sciences.

ZHON-360. Honors Seminar In Research & Creative Processes. 3 Hours.

How do scientists test a hypothesis? What approach directs a jazz pianist's creative process? What form does analysis take in English or Educational Leadership or Archaeology? This practice-oriented seminar explores how research is conducted in a variety of academic areas. Students will examine methodologies and gain experience synthesizing literature and analyzing findings as they build the components of an Honors Thesis/Creative Activities Proposal. Faculty guests will offer perspectives on their own research/creative processes. Discussions and class assignments will lead students progressively toward developing a polished proposal in their own major field of study. Course themes will vary.

ZHON-375. Honors Colloquium: World Perspectives. 3 Hours.

Specialized and intensive investigation of topics in broadly defined areas of current interest: reading, discussions, guest lectures.

ZHON-395. Honors Thesis/ Creative Project. 3 Hours.

The Honors Thesis or Creative Project represents the culmination of your participation in the Honors Program. After completing an approved proposal, Honors Scholars register for ZHON-395 with their thesis/creative project faculty advisor and work one-on-one with him/her to conduct and complete the thesis/ creative project. Honors Scholar and faculty advisor continue to participate in regular meetings with others going through same process. ZHON-395 students strongly encouraged to present their work at the NEIU Student Research and Creative Activities Symposium or similar venue.

Prerequisite: ZHON-360 minimum grade of C.

ZHON-3951. Honors Thesis/ Creative Project Hours. 1 Hour.

The NEIU Honors Program supports department-specific thesis options. Honors Scholars may conduct their Honors thesis/ creative project through departmental credit hours or by enrolling in ZHON-395. If the departmental thesis/creative project credits add up to less than 3, the student may use ZHON-3951-3 credits to bring the total number of Honors thesis/ creative project credits up to 3. See thesis advisor to determine if department has its own credit hours for senior thesis or creative project.

ZHON-3952. Honors Thesis/ Creative Project Hours. 2 Hours.

The NEIU Honors Program supports department-specific thesis options. Honors Scholars may conduct their Honors thesis/ creative project through departmental credit hours or by enrolling in ZHON-395. If the departmental thesis/creative project credits add up to less than 3, the student may use ZHON-3951-3 credits to bring the total number of Honors thesis/ creative project credits up to 3. See thesis advisor to determine if department has its own credit hours for senior thesis or creative project.

ZHON-3953. Honors Thesis/ Creative Project Hours. 3 Hours.

The NEIU Honors Program supports department-specific thesis options. Honors Scholars may conduct their Honors thesis/ creative project through departmental credit hours or by enrolling in ZHON-395. If the departmental thesis/creative project credits add up to less than 3, the student may use ZHON-3951-3 credits to bring the total number of Honors thesis/ creative project credits up to 3. See thesis advisor to determine if department has its own credit hours for senior thesis or creative project.

Ronald Williams Library

The Ronald Williams Library is located on the west side of the main campus. It has five floors totaling over 140,000 square feet and contains approximately 700,000 volumes of print materials. In addition, approximately 500,000 other educational resources such as electronic books and journals, audio recordings, microfilms, maps, documents, and DVDs are housed in the Library. The building provides seating for more than 600 users, 43 public computer workstations and numerous study areas. Special features include services for people with disabilities, the Center for Teaching and Learning, the Language Learning Lab, the Learning Support Center, the Center for Academic Writing and two classrooms for library instruction. Further information and access to electronic resources are available on the Library's web site at <http://www.neiu.edu/library>.

Reference

Help in using the Library's collection and locating information for study and research is available at the Reference Desk, located on the first floor. Library faculty and staff are available to present course-related library instruction sessions to students.

Circulation

Library users may charge out materials at the Circulation Desk situated to the right of the entrance on the first floor.

Reserve

Library materials selected by instructors for reading assignments in course offerings are kept on Reserve located at the Circulation Desk. Reserve materials are also available in electronic format for access from any computer. A listing of items on Reserve is available in the NEIU Library online catalog.

Interlibrary Loan

Because the Library is a member of the Consortium of Academic and Research Libraries in Illinois (CARLI), Northeastern students, faculty and staff may borrow materials from 86 academic libraries in Illinois. With a valid ID card, patrons may borrow materials from CARLI libraries through I-Share, the consortium's online catalog, or by visiting these libraries directly. Patrons may also borrow materials from other libraries that are not affiliated with CARLI by using ILLiad, an online service available on the Library's website.

Electronic Resources

The Library subscribes to 188 databases which provide access to the full text of approximately 73,000 journals. Online access is available to Northeastern students, faculty and staff from workstations within the Library and remotely from off campus. Assistance with using these materials is available at the Reference Desk.

Special Collections

IRAD and University Archives

The Library is the Illinois Regional Archives Depository (IRAD) for Chicago and Cook County. It holds and provides access to part of the city and county's archival materials. The Library also maintains the historical documents of Northeastern Illinois University in the University Archives. Both collections are located on the lower level of the Library. Assistance is provided by library staff and several IRAD interns.

Periodicals and Government Documents

The periodical and government document collections are located on the second floor. The Ronald Williams Library is a depository for both federal and Illinois state documents.

Curriculum Materials

The Curriculum Materials Collection (CMC) is located on the third floor and is designed to support course work and curriculum development in professional education and teaching. It includes curriculum guides and other teaching resources to support classroom instruction.

Multimedia Learning Resource Center (MLRC)

The MLRC on the third floor houses the Library's extensive media collections along with preview facilities and equipment. The MLRC also provides access to computing resources for digital media editing.

Carruthers Center for Inner City Studies (CCICS)

The Ronald Williams Library provides a branch library to support the Inner City Studies program. The collection, consisting of over 29,000 books, periodicals, microforms, and other research materials, is located at 700 East Oakwood Boulevard in Chicago.

EI Centro Campus

The Ronald Williams Library provides a Library & Learning Resource Center (LLRC) at the EI Centro campus, located at 3390 North Avondale in Chicago. The LLRC is equipped and staffed to facilitate access to library resources and the delivery of print materials from other libraries.

Weekend Institute for Professional Development

The Weekend Institute for Professional Development provides undergraduate students with course offerings on Friday evenings, Saturday mornings and afternoons, and Sunday afternoons at three sites:

- El Centro, the University's academic center for the Latino community at 3390 N Avondale, Chicago, IL 60618;
- the Jacob H. Carruthers Center for Inner City Studies, an academic center serving the inner city communities at 700 East Oakwood Boulevard in the heart of Chicago, and
- on the Northeastern Illinois University Main Campus.

Weekend Institute courses are offered in three tracks, Pre-Education and Professional Studies and other general courses. Students who complete the 10 courses (30 credit hours) in the Pre-Education track will satisfy all course work for admission into the College of Education. Additional College of Education admission requirements may be found on the College of Education web site. Students in the Professional track will take 10 courses (30 credit hours) that have been selected to enhance their skills in both business and organizational life.

Weekend Institute courses are open to all admitted undergraduate Northeastern Illinois University students whether they are interested in completing the entire track or are interested in taking a particular course. Prerequisites are required for some courses in both tracks.

Course offerings in the Pre-Education track include:

ENGL-101	Writing I	3
ENGL-102	Writing II	3
EDFN-305	Philosophical And Historical Foundations Of Public Education	3
EDFN-306	Education And Individual Differences	3
HIST-215	United States History 1877-Present	3
Cultural Studies One Course in Non-Western Cultural Studies		
MATH-141	College Mathematics I	3
MATH-143	College Mathematics II	3
PSCI-216	American National Government	3
CMTC-101	Public Speaking	3

Course offerings in the Professional Studies track include:

ACTG-300	Principles Of Accounting	3
CS-100	Computers And Society	3
ENGL-335	Written Communications For Business	3
HRD-320	Dynamics Of Working With Groups And Individuals	3
Cultural Studies One Course in Non-Western Cultural Studies		
MATH-112	Statistics In Daily Life	3
PHIL-213	Ethics	3
PSCI-341	Public Administration	3
SOC-316	Race And Ethnic Relations	3
CMTM-370	Public Relations	3
or CMTC-314	Organizational Communication	

For further information, contact the Coordinator of the Weekend Institute:

Suzanne G. Benson, Ph.D. at the Northeastern Illinois University main campus, telephone (773) 442-5532, email s-benson1@neiu.edu .

Finance and Administration

Michael J. Pierick, M.B.A., Vice President

Finance and Administration provides support to the University community through the management of units that contribute to the daily operation of the University. These activities include University Police, Facilities Management, University Budgets, University Technology Services, Procurement and Support Services (Purchasing, Bookstore, Mailing/Shipping and Receiving, Vehicle Services, and Parking) and Business Services (Controller, Human Resources, and Student Payment Services).

Child Care Center

<http://www.neiu.edu/university-life/child-care-center>

CHILD CARE CENTER

The Northeastern Illinois University Child Care Center, located on the south end of campus, provides for the care of children ages 15 months to 5 years. The center operates Monday through Friday, from 7:00 a.m. to 6:00 p.m. Half and full day sessions are available. Licensed by the State of Illinois, Department of Children and Family Services, the program offers quality early childhood education by utilizing the best accepted methods and principles of child care.

Instructional Support Services

Student Computing Services

<http://www.neiu.edu/scs>

Student Computing Services (SCS) provides computing resource support for students through public computing labs, Technology Enhanced Classrooms, and online training materials.

STUDENT COMPUTER LABORATORIES

At Northeastern Illinois University, Student Computing Services (SCS) maintains over 625 computer workstations for general student use in 18 locations across the main campus, El Centro and the Jacob Carruther's Center for Inner City Studies. These microcomputers, both PC and Macintosh, have a number of applications that include word processing, spreadsheet, database, presentation and communications.

All computers are networked and have high-speed access to the Internet. Nine microcomputer facilities are Technology Enhanced Classrooms where general curriculum and classroom instruction is provided throughout the semester. For a complete listing of all available student computer labs, visit the SCS website (<http://www.neiu.edu/scs>) and click on the Computer Labs link.

STUDENT AND FACULTY SERVICE SUPPORT

Student Computing Services provides access to online training materials in word processing, spreadsheet, presentation, e-mail and the World Wide Web for students and interested faculty. Faculty members may also request orientation workshops for use of the Technology Enhanced Classrooms.

Student Computing Services also provides student support in the computer laboratories and Technology Enhanced Classrooms during open lab hours. Student Computing Services employs more than 35 students on a part-time basis for this purpose. These students are given special training in technical and service support procedures.

ASSISTIVE TECHNOLOGY

Student Computing Services supports students who have disabilities by coordinating with the Accessibility Center. Access to computer equipment in the computer laboratories is provided for the disabled in addition to special software for the blind and visually impaired.

Public Safety

University Police Department

The University Police Department is responsible for fostering and maintaining a safe and secure campus environment for the University community. The Department is a full service law enforcement agency whose additional responsibilities include security of University property, emergency preparedness and key control to all Northeastern campuses. The Department is open 24 hours a day, 7 days a week and is located in the northwest corner of the Parking Facility.

To contact the police in an emergency, dial ext. 5511 on campus. The non-emergency extension is ext. 4100 on campus or 773-442-4100. Please visit <http://www.neiu.edu/university-life/university-police> for additional information regarding the services provided by the University Police Department.

Student Affairs

Division of Student Affairs Leadership

Daniel López, Jr., Ph.D., Vice President
Matt Specht, Dean of Students
Sachs Administration Building, C-324
(773) 442-4600

The Division of Student Affairs enhances student success through educationally-purposeful programs and services in an inclusive, multicultural learning community. All of the programs and services within the division are intentionally designed to support the mission of the University, create and sustain optimal learning environments both in and outside of the classroom and provide appropriate challenge and support for students. The Division of Student Affairs is comprised of the following academic support and co-curricular programs:

- Academic and Community Partnerships (ACP)
- Angelina Pedroso Center for Diversity and Intercultural Affairs (African/African American, Asian/Global, Latino/a, LGBTQA, Women's Resource Centers, Undocumented Student Resources)
- Campus Recreation
- Career Development Center
- Dean of Students
- Student Disability Services
- Student Health and Counseling Services
- Student Housing - The Nest
- Student Leadership Development
- Student Union, Event and Conference Services

The Angelina Pedroso Center For Diversity and Intercultural Affairs

Maria Genao-Homs, Executive Director
Building B, B-159
(773) 442-5372

The Angelina Pedroso Center for Diversity and Intercultural Affairs (APCDIA) honors all differences, fosters leadership, and promotes diversity, intersectionality, and social justice in a student-centered environment. We approach diversity through a multiple social-identity lens. We foster intercultural awareness and inclusivity through educational and co-curricular initiatives that empower students to be agents of social change.

The Angelina Pedroso Center for Diversity and Intercultural Affairs consists of six collaborating, student centered identity based units. The Centers include the African & African American Resource Center, Asian & Global Resource Center, Latino/a Resource Center, LGBTQA Resource Center, Undocumented Student Resources and Women's Resource Center.

African/African American Resource Center

Meagan Mitchell, Director
Building B, B-159
(773) 442-5449

The African/African American Resource Center supports the core values of diversity and multiculturalism in the mission of Northeastern and the APCDIA's commitment to social justice by promoting the successful engagement and integration of African and African American communities and cultures into all aspects of Northeastern and foster a sense of belonging to the university.

Asian American/Global Resource Center

Yasmin Ranney, Director
Building B, B-159
(773) 442-5441

The Asian American/Global Resource Center offers social, cultural, and educational programs that promote knowledge of and foster engagement with issues relating to Asian/Asian American students. The programs enhance the Northeastern experience and provide opportunities for integrated learning and development. The Asian American/Global Resource Center promotes community outreach and participation to enhance the Asian experience.

Latino/a Resource Center

Maria Genao-Homs, Director
Building B, B-159
(773) 442-5372

The Latino/a Resource Center supports the core values of diversity and multiculturalism through advocacy on behalf of Latino/a students by providing programs and initiatives that enhance social enrichment, cultural awareness, academic success, leadership development, and community engagement.

LGBTQA Resource Center

Stephen Loveless, Director
Building B, B-159
(773) 442-5440

The LGBTQA Resource Center enhances student retention and provides education, student services and programming that support the needs and interests of lesbian, gay, bisexual, transgender and queer students and their allies in the Northeastern community. The LGBTQA Resource Center also provides an affirming environment for students, faculty, staff, and alumni of all identities. We serve as a resource for information and support concerning gender and sexuality.

Undocumented Student Resources

Luvia Moreno, Director
Building B, B-159
(773) 442-4601

Undocumented Student Resources was created to ensure that Northeastern provides our undocumented students with the advocacy, tools, and resources they need to successfully pursue their education and to provide faculty and staff with information and resources to better assist undocumented students and their families.

Women's Resource Center

VACANT

Building B, B-159

(773) 442-4524

The Women's Resource Center (WRC) was created to address the needs of women-identified students while providing gender education and resources to the entire Northeastern community. Committed to student success, The WRC fosters empowerment through education, engagement, leadership, resources and advocacy. The WRC cultivates community amongst students, faculty and Northeastern as a whole. We utilize an intersectional feminist framework, acknowledging multiple identities, including, but not limited to: race, class, gender, ability, culture, sexual orientation, spirituality, gender identity and more. We strive to create an inclusive space, welcoming of all people and all identities, meaning that ALL genders are welcome.

Campus Recreation

Dave Merrill, Director
Physical Education Complex, PE-1111
(773)-442-4135

Campus Recreation provides a variety of recreation opportunities such as open recreation, intramural activities, sport clubs, aquatics, wellness and fitness programming, personal training and instructional programs for all students, faculty, and staff. The facilities include a fitness center with weight training and exercise equipment, a swimming pool, group exercise studios, indoor running track, 2 multi-purpose gymnasiums, racquetball courts and locker rooms. Outdoors are the Athletic Field and 6 tennis courts. Intramural competition is offered in male, female and co-rec divisions. Sports that are typically offered include softball, soccer, volleyball, flag football, tennis, racquetball, basketball, badminton, and table tennis. Sport clubs may include volleyball, soccer, baseball, outdoor adventure, and martial arts.

Career Development Center

Career Development Center

Building B, Room B-119

(773) 442-4680

The Career Development Center provides comprehensive career preparation and development for students and alumni. The center offers exploration of career and internship options through individualized career advising appointments. Opportunities for students and alumni to locate internships, volunteer experiences, and career-related employment are also available. Job search strategy skills are provided through resume critiques and resume building activities. Workshops, job fairs, employer information sessions and many other University events and off-site events. Students are guided through all phases of their career development when transitioning from college to career.

Student Leadership Development

Student Leadership Development

Veronica Rodriguez, Director
 Building E, E-041B
 (773) 442-4660

Student Leadership Development (SLD) is committed to providing meaningful opportunities that assist in challenging and fostering student development through co-curricular activities. SLD facilitates forums for nurturing leadership skills, student empowerment, civic engagement, and the development of the student as a whole. SLD also cultivates opportunities for experiential learning, development of interpersonal relationships, appreciation for diversity and opportunities for community development. SLD provides engaging opportunities that complement the University mission and enhance the NEIU experience.

The Office of Student Leadership Development develops students into leaders prepared to make a difference in their professions and their communities. The programs offered through SLD help each student discover their passion and talents, while developing their skills and understanding of leadership and active citizenship.

What Can You Gain by Participating In Our Programs?

- Build your knowledge, skills and confidence as a leader and gain valuable experience to apply in post-college careers.
- Explore current, relevant and global issues that will spark engaged citizenship.
- Practice strategies for leading positive change, such as forming organizations, planning events, volunteering, fundraising, and creating awareness campaigns.
- Receive recognition for your accomplishments in leadership and civic engagement.

Leadership Development

Northeastern Illinois University is committed to graduating students who will be leaders in their professional careers and their communities. The Office of Student Leadership Development offers a wide range of training opportunities and out-of-classroom experiences that encourage NEIU students to assess and develop the skills needed for effective leadership and multicultural understanding.

Civic Engagement

Do you want to make a difference in your community? We can help you find the right opportunity! No matter your interests, major, experience-level, or time constraints, there is something for you. Get involved with the outside community through service days, Alternative Spring Break trips, or volunteer through one of our student-run service projects. Partner with faculty, staff and students to apply what you are learning in your courses to real world problems. Gain valuable experience that will enhance your education as you become an aware and socially responsible individual through service and social action.

Student Involvement

Student organizations represent the most visible and accessible avenue to student involvement. At Northeastern Illinois University there are over 75 student organizations to suit a variety of interests. You will find academic, social, cultural, religious and community service organizations to name a few. To get the most from your college experience it's important that you make time to create a plan that integrates your academic pursuits and career interests to help determine the choices you make about the time you spend outside of class. Active involvement both in and out of class contributes to your learning experience. Additionally, involvement in out of class experiences can help you develop valuable leadership and organizational skills and contribute to your marketability. Student organizations are an integral part of the student life at NEIU as well as the reflection of the diverse interests and activities of our student community.

Stop by the Office of Student Leadership Development in the Lower Level of the "E" Building (across from the Student Health Center) or call us at (773) 442-4660.

Dean of Students

Matt Specht, Dean of Students
Building C, 3rd Flr., C-336
(773) 442-4610

The Dean of Students office advances a progressive, innovative, and learning-centered program responsible for leading the student community in decision-making that promotes civility and student success. The Dean of Students office is responsible for administration and interpretation of the Student Code of Conduct and serves as a “universal starting point” for students who need assistance in exploring and addressing their concerns and grievances toward faculty, staff, individual offices, or other students. The office offers services that include conflict coaching, mediation, restorative justice circles facilitation, and student advocacy. The Student Advocacy Program (<http://www.neiu.edu/university-life/student-advocacy-main-page>) advocates and provides access to resources for Northeastern students who may be experiencing homelessness, hunger, and other personal crisis to lessen any disruption in their education. The program provides a safe and confidential environment to hear student concerns. For more information on the Student Advocacy Program, please contact us at dos@neiu.edu.

Information Center/CTA U-Pass/ID Card

Information Center

The Northeastern's Information Center and Box Office is conveniently located in Village Square and can help you find answers to all of your questions related to campus information and resources.

Information Center Services Include:

- Student, Faculty and Staff IDs
- U-Pass Distribution
- Tickets to Northeastern Performing Arts Concerts & Other Special Events
- Lost and Found
- Locker Rental
- Discounted AMC Movie Tickets
- Stamps

Fall 2016 Hours of Operation:

- Monday – Friday 8:00am-10:00pm
- Saturday - 9:00am-1:00pm

To reach the Information Center, call (773) 442-INFO (4636) or email us at info-center@neiu.edu.

Chicago Transit Authority (CTA) U-Pass

The CTA U-Pass is an unlimited ride pass for the CTA, available to all full-time students.

Important U-Pass Information:

- For the Spring, Summer and Fall terms, full-time is defined as 12 credit hours minimum for undergraduate students and 9 credit hours minimum for graduate students
- The cost is \$128 each semester
- You cannot waive the fee unless you fall into one of these categories:
 - students who are para-transit dependent
 - students who are currently studying abroad
 - students who are taking all classes at UCLC (University Center–Lake County) or students who are taking all classes online only

Replacements are obtained through the Information Center - the fee is \$50.00

7 day passes can be provided, if available, to students who are waiting on their first Ventra Card only. Students who have lost, damaged or had their card stolen are not able to receive a 7 day pass.

I.D. Card as a Copy Card

Your Northeastern ID card can be used as a copy card at photocopiers, or to pay for printing in the computer labs and library microfilm printers. Students, faculty, and staff must have a NEIUport NetID and NEIU ID card (with self-assigned 4-digit PIN) in order to print, scan, and photocopy on campus. Users are required to set up a four digit PIN to use their ID cards and access their print allowance. Users can set and reset their 4-digit PIN at <http://print.neiu.edu>. Registered students at Northeastern have a 7,500 point Print Quota that will reset at the beginning of each semester for which they are registered. The Print Quota can be used for printing, scanning, and photocopying on campus. For security purposes, print quota PIN and NetID PASSWORDS should not be shared among users. Any unused Print Quota does not roll over to the following semester. There are no refunds for unused portions of the Print Quota. For those students that exceed their Print Quota, additional value can be added to the ID card at one of the "Add Value" stations located on campus. For more information on using the Northeastern ID for printing, scanning and photocopying, setting or resetting the four-digit PIN, and to view individual printing, scanning, and photocopying activity go to <http://print.neiu.edu>.

I.D. Card Policy

All students enrolled in Northeastern Illinois University are required to obtain a Northeastern identification card and maintain this card in their possession while attending functions of Northeastern Illinois University. This card must be presented on demand for the purposes of official university identification. The card is available at the Information Center. There is no charge for the first ID issued; however, there is a charge to replace a lost ID. To obtain your ID card, you must present proof of registration for the current semester and a photo ID (such as a valid driver's license).

The ID card is automatically validated upon payment of required fees each term. The ID card must be presented to check books out of the library, gain access to the Physical Education facility, pick up loan checks, vote in student elections, and enter university events. The ID card also may be used for photocopies or to pay for printing in the computer labs and the library microfilm printers.

Student Disability Services

Doug Lawson, Director
Building D, D-104
(773) 442-4595, SDS@neiu.edu

Student Disability Services provides students with physical and learning disabilities “reasonable accommodations” in compliance with Section 504 of the 1973 Rehabilitation Act and the American with Disabilities Act of 1990. Prior to receiving services, students must self-identify with Student Disability Services, who will assist students with the accommodation process. The program provides services which include, but are not limited to, ASL interpreters, note-taking services, reader/scribe assistance for exams, texts in alternate formats, Video-Phone access, and a quiet environment to take exams. Students with disabilities are encouraged to visit the office as soon as possible to ensure their accommodations are put in place.

Student Health and Counseling Services

The mission of Student Health and Counseling Services is to provide high-quality, inclusive, and coordinated health and counseling services. We promote student success and wellness through culturally-sensitive direct service, education, advocacy, and outreach to the Northeastern community. Our services help students succeed academically, contribute positively to their communities, and live meaningful lives.

Student COUNSELING SERVICES

Building D, D-024
(773) 442-4650
counsel@neiu.edu

Counseling Services provides counseling and mental health services to Northeastern students. Counseling and therapy is provided to help students understand and deal with emotional distress, relationship difficulties and personal concerns, freeing them to make clearer and healthier decisions. In therapy, students can explore personal life problems including anxiety, depression, suicidal thoughts, relationship problems, anger, addictions, and many other difficulties that may cause stress and disrupt their life.

Individual, couples, and group psychotherapy is available to current Northeastern students. Faculty and staff are eligible for consultation and outreach services. When services are needed that are beyond the scope of Counseling Services, referrals are made to outside providers.

Student HEALTH SERVICES

Building E, E-051
(773) 442-5800
health-services@neiu.edu

Health Services offers a variety of screening tests, health counseling, health education and well-woman care services, including birth control. Health Services is a small health clinic supported by student fees, and therefore only serves currently enrolled students.

Health Services staff are also available to offer assessment and recognition of medical emergencies and/or effective first aid methods upon request. While Health Services can provide simple first aid care, Health Services does not have emergency equipment and should not be considered as a viable resource in the event of a medical emergency. **In case of emergency, Campus Police should be immediately contacted at extension 5511.**

Faculty and staff are encouraged to seek out their primary health care physician. Although Health Services are exclusively for enrolled students, Health Services staff offers health education events throughout the academic year for the entire campus community.

Student Health Insurance Policy

All full-time undergraduates are automatically covered by the Student Health Insurance. Students who have equal or better health insurance may cancel the insurance fee by completing a waiver form and providing proof of coverage from an alternate insurance carrier to the cashier's office by the waiver deadline date.

Part-time students taking at least 6 credit hours and graduate students taking at least 3 credit hours may apply for this coverage by paying the insurance premium when paying their tuition bill to the cashier's office. Insurance cards are mailed by the insurance company to the students.

Student Union, Event and Conference Services

Kyle Burke, Director
Student Union, SU 207
(773) 442-4630

The Office of Student Union, Event and Conference Services oversees the scheduling of all University facilities for meetings, conferences and events; coordinates all event logistical planning, dining and catering services, facility rentals, and on-campus vendor table rentals; and operates the University Information Center and Box Office. The Student Union is the center of student activity on Main Campus and provides lounges, meeting rooms, and the cafeteria. The Student Union also operates the Information Center and Box Office located in Village Square where one may rent a locker, purchase tickets for Northeastern performing arts concerts & other special events, obtain a student ID card, pick up your CTA U-Pass, check on lost & found items, and receive University information. The administrative office for dining and catering services is also housed in the lower level of the Student Union.

Institutional Advancement

Liesl Downey, B.A., Vice President

Institutional Advancement is responsible for strengthening the University through strategic initiatives, programs, events and campaigns executed by the unit's Offices of Alumni Relations, Development, Marketing and Web Communications and Public Relations. It also directs the operations of the NEIU Foundation in collaboration with the Foundation's board of directors, which includes the raising and provision of scholarships and other student aid processed through the Office of Financial Aid, as well as the building of the University's endowment.

Alumni Relations / Alumni Association (NEIUAA) (<http://neiu.edu/alumni-and-giving/alumni>)

Alumni Relations hosts a variety of events and programs throughout the year including social gatherings on campus and in Chicago, academic lectures, community service activities, volunteer opportunities, and professional development programs. Our Alumni Association is now more than 76,000 strong with members throughout the United States and around the world. The Alumni Association offers a five level membership program to alumni and friends of the University. The annual membership fee is a fully tax deductible donation that supports student scholarships for internship experiences. Current students can engage through a variety of programs with the NEIUAA including a student membership, internship scholarship, and a alumni/student mentorship program.

Development / NEIU Foundation (NEIUF)

The NEIU Foundation, through the Office of Development, coordinates the University's efforts to raise philanthropic support through private sources. This encompasses annual and principal giving, corporate and foundation relations, planned giving, development communications, and stewardship programs. Development also provides counsel for special fundraising efforts across university units. The help of faculty, staff and volunteers is crucial as we communicate the impact of philanthropic support and inspire alumni and friends with opportunities that enrich and grow Northeastern's capacity for excellence.

Public Relations (<http://www.neiu.edu/about/news>)

Through its relationships with the news media, businesses and organizations, and the community at large, this office helps raise awareness about the University locally, nationally and internationally. By promoting the accomplishments of the faculty, staff and students--as well as the University as a whole--the Office of Public Relations builds the University's reputation in alignment with its core values.

Admissions

Admissions and Transfer Center

The Admissions Office is part of Enrollment Management Services (D-130), and assists prospective undergraduate students with the process of applying for admission and learning more about opportunities at Northeastern Illinois University. Admissions Counselors review admission requirements and procedures, discuss academic programs, and explain how transfer credits apply toward university degree requirements. For more information, contact the Admissions Office at (773) 442-4050 or visit our website at [Admissions \(http://www.neiu.edu/future-students/how-apply\)](http://www.neiu.edu/future-students/how-apply).

General Information

Factors considered in evaluating an applicant for admission to Northeastern include: the high school program of study, GPA and standardized test scores. A non-refundable application fee of \$30 must be submitted with all applications. Applications received without the required fee will not be processed.

Admission Requirements and Application Procedures

Applicants for undergraduate admission at Northeastern Illinois University must:

1. Submit a completed application or apply online.
2. Submit a non-refundable application fee or approved application fee waiver accompanying the application. The application fee can be in the form of a check or money order payable to Northeastern Illinois University. If paid in cash at the University Cashier's Office, the receipt should be attached with the application package.
3. Provide official transcripts and/or Test Scores. Transcripts and examination scores must be official and received in an envelope sealed by the sending institution. Hand-carried transcripts will be considered official as long as they are delivered in the sealed envelope. Transcripts become the property of the University and cannot be released.
4. Meet the admission requirements of your admission type (Click on Admission Type on left menu).

See chart below to determine documents required to complete your application file.

Applicant Type	Application Fee	Official ACT/SAT Scores	High School Transcript	Official College Transcript(s)	Other
Freshman					
Applicant who has not attended college or university after high school	\$30 check or money order ¹	Required	Required	No	No
Transfer					
Applicant who has been enrolled in college or university after high school	\$30 check or money order ¹	No	Required if less than 24 semester hours earned college credit	Required for all colleges, universities, or trade schools attended	No
Readmission					
Applicant who has attended Northeastern in a degree-seeking program, but stopped out for three (3) consecutive semesters (summer included)	\$30 check or money order	No	No	Required for all colleges or universities attended after stopping out	No
Second Bachelor's					
Applicant who has earned a bachelor's degree from a regionally accredited college or university and wishes to complete a second bachelor's	\$30 check or money order	No	No	Required from college or university that awarded first bachelor's degree	No

International

Applicant who is on an F or B1/B2 visa who plans to enroll as an international student	\$30 check or money order ¹	Required if Freshman	ECE or WES evaluation for Freshman or Transfer with less than 24 semester hours earned college credit	ECE or WES evaluation of all colleges or universities attended outside the United States for Transfer or Second Bachelor's	TOEFL or IELTS scores, Bank letters with amount in U.S. dollars, Northeastern Financial Statement, copy of I-94 ² , copy of Visa ² , copy of I-20 ²
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Carruther's Center for Inner City Studies

Freshman or Transfer	\$30 check or money order ¹	Required if Freshman	Required if Transfer with less than 24 semester hours earned college credit	Required if Transfer for all colleges, universities or trade schools attended	no
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EI Centro

Freshman or Transfer	\$30 check or money order	Required if Freshman	Required if Transfer with less than 24 semester hours earned college credit	Required if Transfer for all colleges, universities or trade schools attended	No
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Project Success

Freshman (Fall Semester only)	\$30 check or money order ¹	Required	Required	No	No
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Proyecto Pa'Lante

Freshman (Fall Semester only)	\$30 check or money order ¹	Required	Required	No	No
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Wentworth Scholars Program

(Admission Decision Score 550-648)	\$30 check or money order ¹	Required	Required	No	No
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¹ Application fee waivers are accepted. Please see your high school or community college counselor.

² if already in U.S.

Application Processing

Applications are processed continuously throughout the year in accordance with published deadlines for each term. Applicants who send all required credentials well in advance of the term for which admission is being sought benefit by receiving earlier notification of admission decisions, and may be eligible for advanced registration.

International students who carry B1/B2, F, or J visas must complete their files by the published International student deadline for the term in which the student is applying in order to ensure proper processing of the I-20 form or DS-2019.

All transcripts and other documents submitted in support of a student's application for admission become the property of the university. The Admissions Review and Processing Office will retain these credentials for a period of one year from the time of initial application. At the close of this period, all such documents submitted by applicants who do not enroll at Northeastern, will be destroyed.

The discovery of omitted previous post-secondary attendance may be cause for dismissal. An administrative hold will be put on the student's record blocking further registration. Petitions to reenter will be reviewed by the Admissions Appeal Committee.

Admission Through Petition

Undergraduate applicants who are not granted admission may submit an admission portfolio for reconsideration. The portfolio must include a personal statement from the student explaining the reasons for their academic standing. Two letters of recommendations from instructors or counselors are also required. Admission portfolios will be reviewed by an Admissions Appeal Committee. Contact the Admissions Office for additional information.

Admission to Major Programs

Undergraduate applicants are first approved for admission to the university. It is then the student's responsibility to apply to the academic department in which he/she wishes to major, to the College of Education if pursuing a teacher education program, and to the College of Business and Management if pursuing a business degree. Students who are readmitted to the University must re-declare their major.

The University requires all undergraduate students to declare a major by the time they have earned a total of 45 credit hours. Students intending to major in business, education, or social work can declare a "Pre-Major" until the program admission requirements to the College of Business and Management, Daniel L. Goodwin College of Education, or the Department of Social Work are met.

Freshmen

Admission Requirements and Application Procedures

Classification and Definition

A student currently attending high school or a high school graduate who has never attended a college or university **OR** a student who has satisfactorily passed the G.E.D. and has never attended a college or university.

Requirements For Admission

Applicants must have graduated from high school or have a passing score on the G.E.D. Admission is based on the Admission Decision Score (ADS). The Admission Decision Score is calculated as follows:

$$(ACT\ Composite)(10) + (Cumulative\ GPA)(200) = ADS$$

Applicants with Admission Decision Score of 649 or higher meet full admission requirements. Applicants with Admission Decision Score between 550 and 648 are eligible for admission through one of our Student Success programs, such as CCICS Allstars, El Centro Scholars, Project Success, Proyecto Pa'Lante or Wentworth Scholars.

Subject Requirements for Freshmen

In addition to meeting the Admission Decision Score minimum requirement for admission, freshmen must also have completed the following high school subjects in accordance with the Illinois Board of Higher Education requirements*:

- 4 years of Language Arts
- 3 years of Mathematics (1 year must be algebra and 1 year must be a course that includes geometry content)
- 2 years of Writing (1 year must be an English course and 1 year may be provided as part of any course offered)
- 2 years of Social Science (must include 1 year of U.S. history or combination of U.S. history and American government and 1 semester of civics)
- 2 years of Science
- 1 year of Electives (Includes art, music, foreign language, or vocational education)

*First time freshmen and transfer applicants with fewer than 24 hours of transferable credit, who meet all criteria for admission except high school subject requirements, may be admitted on a provisional basis.

How to Apply for Admission and required documents

1. Submit application for admission with a \$30 application fee to the Admissions Office. We encourage students to apply online (<https://apply.neiu.edu/admissions/pages/welcome.aspx>) for faster processing. Freshmen who are eligible for application fee waiver may also apply online and may upload their fee waiver form.
2. Arrange to have an official high school transcript from each high school attended or GED transcript sent to the Admissions Office. You may send electronic transcripts (please check with your high school to determine if this is an option). If you attended high school outside the United States you must provide an general evaluation from Educational Credentials Evaluators, Inc. (ECE) or World Education Services (WES).
3. Arrange for your ACT/SAT scores sent directly to the Admissions Office.
4. If you are currently attending high school, request a copy of your "courses in progress" be sent along with your transcript to insure your high school subject requirements do not appear deficient.
5. If you are a veteran, you must submit a photocopy of your DD214.
6. If you are a Permanent Resident of the United States, attach a clear photocopy of the front of your Permanent Resident card. If you have been granted temporary residence, conditional entrance, are a parolee, refugee, asylum, or in the process of becoming a Permanent Resident, you must submit appropriate U.S. Citizenship and Immigration Services documentation and/or copy of a valid visa.

Transfer

Admission Requirements and Application Procedures

Classification and Definition

A student who has at some time registered at an institution of higher learning following high school graduation whether or not any college-level work was completed.

Requirements For Admission

The applicant must have an overall "C" average in all course work attempted and be in good academic standing at the last school attended full time. Students with less than 24 semester hours of college credit must also meet freshman requirements.

How to Apply for Admission

1. Submit application for admission with a \$30 application fee to the Admissions Office. We encourage students to apply online (<https://apply.neiu.edu/admissions/pages/welcome.aspx>) for faster processing.
2. The applicant must have an overall "C" average in all course work attempted and be in good academic standing at the last school attended full time. Students with less than 24 semester hours of college credit must also meet freshman requirements.
3. Arrange to have official transcripts sent directly to the Admissions Office from all colleges and universities attended. If you attended high school or college outside the United States you must provide an evaluation from Educational Credentials Evaluators, Inc. (ECE) or World Education Services (WES).
4. If you have earned less than 24 semester hours of college credit, you must also have an official high school transcript and ACT/SAT scores sent from your high school.
5. If you are a veteran, you must submit a photocopy of your DD214.
6. If you are a Permanent Resident of the United States, attach a clear photocopy of the front of your Permanent Resident card. If you have been granted temporary residence, conditional entrance, are a parolee, refugee, asylee, or in the process of becoming a Permanent Resident, you must submit appropriate U.S. Citizenship and Immigration Services documentation and/or copy of a valid visa.

Transfer of Credit

Community College work: A maximum of 64 semester hours will be accepted in transfer from a community college and used toward graduation. Students who have completed more than 64 hours at a community college will only have 64 hours reflected on the NEIU transcript. Students who need to have a transfer course not listed on their NEIU transcript added may complete a Request for Re-evaluation form available in the Office of Enrollment Services. Adjustments will only be made for courses that are required for a student's major or minor and the request must be accompanied by a memo from the advisor.

4-year College/University work: A maximum of 90 semester hours is counted toward graduation. Students who have completed more than 90 hours will only have 90 hours reflected on the NEIU transcript. Students who need to have a transfer course not listed on their NEIU transcript added may complete a Request for Re-evaluation form available in Enrollment Management Services. Adjustments will only be made for courses that are required for a student's major or minor and the request must be accompanied by a memo from the advisor.

Combination of Community College and College/University work:

In cases where both a community college and a four-year college/university were attended, a maximum of 90 semester hours will be accepted in transfer; however, the maximum of 64 semester hours earned from a community college or through credit by examination or the military still applies.

Acceptance of Associate Degrees

Students graduating with an approved Illinois Community College Board (ICCB) Model Associate of Arts (AA), Associate of Science (AS), or Associate of Arts in Teaching (AAT) degree will be granted junior standing and will have fulfilled Northeastern Illinois University's General Education requirements.

Preliminary Degree Evaluation

A degree evaluation is prepared by the Admissions Review and Processing Office for all transfer students admitted to Northeastern. Transferred courses accepted by the University do not necessarily meet specific program requirements.

Transfer Advisors

Students attending community colleges should check with their community college counselors or the NEIU Transfer Center to select appropriate courses for transfer to Northeastern.

Graduate Transfer Credit Policy

Graduate transfer credits are any credits used to fulfill Northeastern Illinois University graduate degree requirements which are:

1. earned at Northeastern prior to the term of admission to a graduate program: OR
2. earned at a regionally accredited college or university or recognized international college or university. These transfer credits may be earned either prior to or after admission to a Northeastern graduate program.

All graduate transfer credits that are used to fulfill degree requirements need to be approved by the program.

Students should submit their transfer credit request form before the completion of 9 credit hours after admission to the program. Any delay in the completion of the transfer credit request may impact the student's graduation date. Credits transferred in the final semester before graduation will delay graduation until the credits are posted.

Credits earned for thesis hours are not transferable. Coursework credits are eligible for transfer credit only if they meet the following criteria:

- a. Credits must be for graduate-level work;
 - b. The course grade must be a *B-* or higher;
 - c. Credits must have been completed within 6 years of expected graduation;
1. Coursework taken at Northeastern prior to admission to a graduate program: Credit for coursework taken at Northeastern prior to admission to a graduate program, which the student wishes to count towards that graduate program, is limited to no more than 50% of the program requirements, except in the case of credits from an earned graduate certificate. The entirety of credits from an earned graduate certificate can be counted towards a graduate degree program (see the Graduate Certificate Policy). No additional transfer credit is allowed if credits from an earned certificate represent 50% or more of the total program requirement credits.
 2. Coursework taken outside of Northeastern: Graduate transfer credits can be earned either before admission to the student's program or after admission to the program, provided that the total number of transfer credits (regardless of when they were earned) does not exceed 9 hours. All transfer credits earned after the student has been admitted to his/her program must be approved by the advisor, program advisor, and the Dean of the College of Graduate Studies and Research prior to enrollment at the other institution.

Transfer Credit Policies

Courses from institutions without regional accreditation are nontransferable. For admission purposes only, all college level course work at post-secondary institutions previously attended will be considered in the calculation of grade point average. Repeated courses are accepted only once in transfer. In the case where a repeated course is one which the student failed initially, the "F" grade will not be counted in the grade point average. This will apply to one "F" grade per course repeated.

Transfer credit in technical and vocational areas will be accepted if the course work is academic in nature and is designed to transfer into a baccalaureate program at Northeastern. In general, technical and vocational courses are acceptable if comparable programs or areas of study are offered at Northeastern. There is a limit of 30 semester hours of technical and vocational courses accepted in transfer.

Courses from other colleges or universities must have been completed at the appropriate level to be eligible for transfer credit consideration. Developmental and remedial courses are examples of courses not transferable.

"Credit by examination" equated to an actual course and listed on an official transcript must be stated in terms of Credits Awarded and must include a semester hour assignment to be accepted by Northeastern in transfer.

Credit for prior learning through portfolio submission is only considered for students in the Bachelor of Arts in Interdisciplinary Studies (BAIS) program.

Credit for prior learning will not be accepted for transfer credit into Northeastern's traditional programs nor will prior learning credit be counted when students change from non-traditional to traditional programs of study while at Northeastern.

Credit earned at institutions without regional accreditation but approved for candidacy status by the recognized regional accrediting agencies may be accepted by Northeastern upon request once the institution has been officially accredited. Proof of accreditation and candidacy period are required.

Science and education courses which are 15 years old or more are not transferable to NEIU without special departmental and/or college approval. This restriction does not apply to a student majoring in the Bachelor of Arts in Interdisciplinary Studies (BAIS) program.

Business courses which are 6 years old or more are generally not applicable toward a Business and Management major for reasons of datedness.

A maximum of 30 credit hours of ROTC/Military Science coursework is acceptable as elective transfer credit subject to the credit being properly recorded on the student's transcript. Students in the BAIS program may transfer more than 30 credit hours of ROTC/Military Science coursework.

All transfer students must earn a minimum 30 credit hours (24 hours for BAIS students) of coursework in residence at Northeastern to be eligible to graduate.

Grades of “D” are accepted in transfer in limited cases but no more than 6 credits may be counted toward meeting General Education requirements. Grades of “D” will not be accepted in a student’s major, minor or professional sequence. This restriction does not apply to a student majoring in the Bachelor of Arts in Interdisciplinary Studies (BAIS) program.

Course work transferred for credit in the student’s major is subject to departmental and/or college approval.

Credit by Examination

Credit for Advanced Placement (AP)

Students who have successfully completed Advanced Placement exams may receive college credit for this work. Please refer to the Advanced Placement Transfer Guide for information about the subjects and minimum passing scores. The guide is available online at the Future Students Transfer Center page (<http://www.neiu.edu/future-students/transfer-center/credit-examination>) or in Enrollment Management Services.

Please send official Advanced Placement score reports to the Admissions Review and Processing Office for review. A maximum of 30 credit hours may be awarded for Advanced Placement exams. This credit is included in the maximum of 64 semester hours transferable from community colleges.

Credit for College Level Examination Program (CLEP)

Students who have successfully completed College Level Examination Program (CLEP) general or subject exams may receive college credit for this work. Please refer to the CLEP Transfer Guide for information regarding transferable subjects and minimum passing scores. The guide is available online at the Future Students Transfer Center page (<http://www.neiu.edu/future-students/transfer-center/credit-examination>) or in Enrollment Management Services.

Please send official CLEP score reports to the Admissions Review and Processing Office for review. A maximum of 30 credit hours may be awarded for CLEP exams. This credit is included in the maximum of 64 semester hours transferable from community colleges.

Credit for International Baccalaureate (IB)

Students who successfully complete the International Baccalaureate (IB) Diploma Programme may receive college credit for this work. Please refer to the International Baccalaureate Transfer Guide for information regarding transferable subjects and minimum passing scores. The guide is available online at the Future Students Transfer Center page (<http://www.neiu.edu/future-students/transfer-center/credit-examination>) or in Enrollment Management Services.

Please send official IB score reports to the Admissions Review and Processing Office for review. A maximum of 30 credit hours may be awarded for International Baccalaureate exams. This credit is included in the maximum of 64 semester hours transferable from community colleges.

Credit for Military Service

Four credit hours are awarded to veterans who have been honorably discharged and have served a minimum of one year on active duty or in the guard/reserve. Veterans must submit Member 4 of their DD214 to the Admissions Review and Processing Office at the time of application for admission.

Credit is also allowed for those United States Armed Forces Institute (USAFI) courses for which the American Council on Education recommends credit at the baccalaureate level, provided the student has passed the appropriate USAFI end-of-course test or examination.

Credit for service schools successfully completed may be evaluated upon request. In order to grant credit to veterans for service/school training, veterans must provide transcripts. These transcripts are free to all eligible soldiers, sailors, marines, and airmen. More details are available at the following web sites:

- USAF—CCAF Transcripts <http://www.au.af.mil/au/ccaf/transcripts.asp>
- Joint Services Transc (<http://www.au.af.mil/au/ccaf/transcripts.asp>) ripts for Army, Coast Guard, Marine Corps, and Navy are requested at <https://jst.doded.mil>

The student must file the Request for Evaluation form available in Enrollment Management Services.

DSST

Northeastern accepts DSST credit for students who major in the Bachelor of Arts in Interdisciplinary Studies (BAIS) program. For more information, contact the Nontraditional Degree Programs office at (773) 442-6030.

Guaranteed and Dual Admission Program

Northeastern has agreements with many area community colleges that allow for concurrent admission to the community college and Northeastern, simplifying the transfer process. Under the agreement, students who wish to participate must meet the admissions requirements of both institutions as well as the admissions requirements of the Northeastern program in which they desire to major. Both institutions will provide students with orientation and other services to guarantee a seamless transfer process.

Students who wish to be admitted to Northeastern will submit an application to both Northeastern and one of the community colleges with which there is an agreement in place. The applications and academic credentials will be reviewed by both institutions. Students who enroll in the program will have access to Northeastern’s campus and services while attending their community college. Students must maintain continuous full- or part-time enrollment

with a 2.0 grade point average to remain eligible for the dual admission program. Agreements can be found under the Dual Admissions category at www.neiu.edu/transfer .

Students who are interested in this program should contact the Northeastern Illinois University Admissions Office.

Illinois Articulation Initiative

Illinois Articulation Initiative (IAI)

Northeastern is a participant in the Illinois Articulation Initiative (IAI), a statewide agreement that allows transfer of the completed Illinois General Education Core Curriculum (GECC) between participating institutions. Successful completion of the GECC at any participating college or university in Illinois assures transferring students that lower-division general education requirements for an associate or baccalaureate degree have been satisfied and allows students to transfer this portion of an associate or baccalaureate degree from one participating IAI institution to another without incurring a loss of credit. This agreement is in effect for students entering as a first time student in summer 1998 (and thereafter). For more information visit the IAI web site at <http://www.iTransfer.org>.

The Illinois Transferable GECC consists of 12 to 13 courses, or 37 to 41 hours of credit, within a five-category designation. The general requirements are as follows:

Communication	3 courses	(9 credits)
Humanities and Fine Arts	3 courses	(9 credits)
Mathematics	1 course	(3 credits)
Physical and Life Sciences	2 courses	(7 to 8 credits)
Social and Behavioral Sciences	3 courses	(9 credits)

Illinois Articulation Initiative Course Requirements:

Communication (3 courses, 9 semester hours)

IAI Course No.	NEIU Course No.	NEIU Course Title	Credit Hours
C1 900	ENGL-101 (http://catalog.neiu.edu/archive/2016-2017/search/?P=ENGL-101)	Writing I	3
C1 901R	ENGL-102 (http://catalog.neiu.edu/archive/2016-2017/search/?P=ENGL-102)	Writing II	3
C2 900	CMTC-101 (http://catalog.neiu.edu/archive/2016-2017/search/?P=CMTC-101)	Public Speaking	3

A grade of C or better is required in C1 900, ENGL 101 or C1 901, ENGL 102.

Humanities and Fine Arts (3 courses, 9 semester hours)

IAI Course No.	NEIU Course No.	NEIU Course Title	Credit Hours
F1 900	MUS-101 (http://catalog.neiu.edu/archive/2016-2017/search/?P=MUS-101)	The Musical Experience	3
F1 906	DANC-101 (http://catalog.neiu.edu/archive/2016-2017/search/?P=DANC-101)	The Dance Experience: Introduction To The Art Of Dance	3
F1 907	CMTT-130 (http://catalog.neiu.edu/archive/2016-2017/search/?P=CMTT-130)	Introduction to Theatre	3
F2 900	ART-101 (http://catalog.neiu.edu/archive/2016-2017/search/?P=ART-101)	Art In Society	3
F2 901	ART-106 (http://catalog.neiu.edu/archive/2016-2017/search/?P=ART-106)	Introduction To Art History I	3
H3 902	ENGL-202 (http://catalog.neiu.edu/archive/2016-2017/search/?P=ENGL-202)	The World Of Drama	3
H3 903	ENGL-201 (http://catalog.neiu.edu/archive/2016-2017/search/?P=ENGL-201)	The World Of Poetry	3

H3 905	ENGL-220 (http://catalog.neiu.edu/archive/2016-2017/search/?P=ENGL-220)	Introduction To Shakespeare	3
H3 912	ENGL-221 (http://catalog.neiu.edu/archive/2016-2017/search/?P=ENGL-221)	English Literature:The Beginnings To C. 1750	3
H3 913	ENGL-222 (http://catalog.neiu.edu/archive/2016-2017/search/?P=ENGL-222)	English Literature: C. 1750 To The Present	3
H3 914	ENGL-218 (http://catalog.neiu.edu/archive/2016-2017/search/?P=ENGL-218)	American Literature:Beginnings To 1865	3
H3 915	ENGL-219 (http://catalog.neiu.edu/archive/2016-2017/search/?P=ENGL-219)	American Literature:1865 To The Present	3
H4 900	PHIL-102 (http://catalog.neiu.edu/archive/2016-2017/search/?P=PHIL-102)	Introduction To Philosophy	3
H4 904	PHIL-213 (http://catalog.neiu.edu/archive/2016-2017/search/?P=PHIL-213)	Ethics	3
H4 905	PHIL-211 (http://catalog.neiu.edu/archive/2016-2017/search/?P=PHIL-211)	Philosophy Of Religion	3
H4 906	PHIL-101 (http://catalog.neiu.edu/archive/2016-2017/search/?P=PHIL-101)	Critical Thinking	3
HF 907D	WGS-101 (http://catalog.neiu.edu/archive/2016-2017/search/?P=WGS-101)	Women's Perspectives And Values	3

One Humanities and one Fine Arts course is required.

Mathematics (1 course, 3 semester hours)

IAI Course No.	NEIU Course No.	NEIU Course Title	Credit Hours
MI 900-1	MATH-187 (http://catalog.neiu.edu/archive/2016-2017/search/?P=MATH-187)	Calculus I	4
MI 900-2	MATH-202 (http://catalog.neiu.edu/archive/2016-2017/search/?P=MATH-202)	Calculus II	4
MI 900-3	MATH-203 (http://catalog.neiu.edu/archive/2016-2017/search/?P=MATH-203)	Calculus III	4
MI 905	MATH-251 (http://catalog.neiu.edu/archive/2016-2017/search/?P=MATH-251)	Writing Intensive Program: Introduction To Advanced Mathematics	5

Physical and Life Sciences (2 courses, 7-8 semester hours)

IAI Course No.	NEIU Course No.	NEIU Course Title	Credit Hours
P1 900L	PHYS-110 (http://catalog.neiu.edu/archive/2016-2017/search/?P=PHYS-110)	Physics In Everyday Life	3
P1 902L	CHEM-110 (http://catalog.neiu.edu/archive/2016-2017/search/?P=CHEM-110)	Chemical Concepts	3
P1 903	CHEM-103 (http://catalog.neiu.edu/archive/2016-2017/search/?P=CHEM-103)	Chemistry And Society	3

P1 905L	ESCI-121 (http://catalog.neiu.edu/archive/2016-2017/search/?P=ESCI-121)	Introduction To Earth Science	3
P1 906	PHYS-103 (http://catalog.neiu.edu/archive/2016-2017/search/?P=PHYS-103)	The Universe:Past, Present And Future	3
P1 908	ESCI-123 (http://catalog.neiu.edu/archive/2016-2017/search/?P=ESCI-123)	Environmental Geology	3
L1 900L	BIO-100 (http://catalog.neiu.edu/archive/2016-2017/search/?P=BIO-100)	Introduction To Biology	3
L1 905	BIO-104 (http://catalog.neiu.edu/archive/2016-2017/search/?P=BIO-104)	The Changing Natural Environment	3

One Life Science and one Physical Science course is required, one of which must be a lab.

Social and Behavioral Science (3 courses, 9 semester hours)

IAI Course No.	NEIU Course No.	NEIU Course Title	Credit Hours
S1 901N	ANTH-212 (http://catalog.neiu.edu/archive/2016-2017/search/?P=ANTH-212)	Introduction To Cultural Anthropology ²	3
S1 902	ANTH-215 (http://catalog.neiu.edu/archive/2016-2017/search/?P=ANTH-215)	Human Origins: Introduction To Biological Anthropology	3
S2 900	HIST-214 (http://catalog.neiu.edu/archive/2016-2017/search/?P=HIST-214)	United States History 1607-1877	3
S2 901	HIST-215 (http://catalog.neiu.edu/archive/2016-2017/search/?P=HIST-215)	United States History 1877-Present	3
S2 902	HIST-111A (http://catalog.neiu.edu/archive/2016-2017/search/?P=HIST-111A)	World History: The Origins Of The West, To 1500	3
S2 903	HIST-111B (http://catalog.neiu.edu/archive/2016-2017/search/?P=HIST-111B)	World History: The West And The World, 1500-Present	3
S2 906N	HIST-111E (http://catalog.neiu.edu/archive/2016-2017/search/?P=HIST-111E)	World History: Africa ²	3
S2 908N	HIST-111C (http://catalog.neiu.edu/archive/2016-2017/search/?P=HIST-111C)	World History: East Asia ²	3
S2 910N	HIST-111D (http://catalog.neiu.edu/archive/2016-2017/search/?P=HIST-111D)	World History: Latin America ²	3
S3 901	ECON-215 (http://catalog.neiu.edu/archive/2016-2017/search/?P=ECON-215)	Principles Of Macroeconomics	3
S3 902	ECON-217 (http://catalog.neiu.edu/archive/2016-2017/search/?P=ECON-217)	Principles Of Microeconomics	3
S4 900N	GES-104 (http://catalog.neiu.edu/archive/2016-2017/search/?P=GES-104)	World Geography ²	3
S5 900	PSCI-216 (http://catalog.neiu.edu/archive/2016-2017/search/?P=PSCI-216)	American National Government	3

S5 903	PSCI-210 (http://catalog.neiu.edu/archive/2016-2017/search/?P=PSCI-210)	Introduction To Political Science	3
S5 905	PSCI-251 (http://catalog.neiu.edu/archive/2016-2017/search/?P=PSCI-251)	Writing Intensive Program: Comparative Political Systems	3
S6 900	PSYC-100 (http://catalog.neiu.edu/archive/2016-2017/search/?P=PSYC-100)	Survey Of Psychology	3
S6 902	PSYC-110 (http://catalog.neiu.edu/archive/2016-2017/search/?P=PSYC-110)	Life Span Development	3
S6 903	PSYC-215 (http://catalog.neiu.edu/archive/2016-2017/search/?P=PSYC-215)	Child Psychology	3
S7 900	SOC-100 (http://catalog.neiu.edu/archive/2016-2017/search/?P=SOC-100)	Introduction To Sociology	3
S7 902	SOC-214 (http://catalog.neiu.edu/archive/2016-2017/search/?P=SOC-214)	Sociology Of Intimacy, Marriages And Families	3

Two disciplines must be represented from the following list: Anthropology (S1), History (S2), Economics (S3), Geography (S4), Political Science (S5), Psychology (S6), and Sociology (S7).

- ¹ Course examines aspects of human diversity within the United States.
- ² Course examines aspects of human diversity from a non-U.S./non-European perspective.

Those students who have not completed the entire General Education Core Curriculum prior to transferring to Northeastern will be required to complete Northeastern's General Education program. However approved IAI courses taken at participating schools will be used towards Northeastern's General Education program.

Students transferring to another institution, who have completed at least 37 semester hours, may request an audit, via the re-evaluation form request, of their records determine completion of the Illinois Transferable General Education Core Curriculum. If complete, the University will certify completion of the Illinois Transferable General Education Core requirements on the student's transcript.

Second Bachelor's Degree

Admission Requirements and Application Procedures

Students who wish to earn a second bachelor's degree must submit to the Admissions Review and Processing Office a completed Northeastern undergraduate application form, a non-refundable \$30 application fee and an official college transcript from a regionally accredited institution which awarded the first baccalaureate degree.

Classification and Definition

A student who has earned a bachelor's degree and wishes to earn a second undergraduate degree. If the degree was earned outside of the United States, the Educational Credentials Evaluators, Inc. (ECE) evaluation must state that the degree is equivalent to a U.S. bachelor's degree. If it is not equivalent the student will be processed as a transfer student.

NOTE: Tuition and fees will be assessed at the graduate student rate.

Requirements For Admission

Evidence of graduation from a regionally accredited college or university.

How to Apply for Admission

1. Submit undergraduate application form with a \$30 application fee to the Admissions Office. We encourage students to apply online for faster processing.
2. Arrange to have an official transcript sent showing graduation from the college or university which awarded the previous degree. If your degree was received from a college or university outside the United States you must provide an evaluation from Educational Credentials Evaluators, Inc. (ECE) or World Education Services (WES).
3. If you are a Permanent Resident of the United States, attach a clear photocopy of the front of your Permanent Resident card. If you have been granted temporary residence, conditional entrance, are a parolee, refugee, asylee, or in the process of becoming a Permanent Resident, you must submit appropriate U.S. Citizenship and Immigration Services documentation and/or copy of a valid visa.

International Students

Admission Requirements and Application Procedures

Classification and Definition

Students from other countries who carry a valid visa or are applying to the university as an international student.

International Students with an F1 Visa are eligible for admissions to degree programs only, with exception that they may apply as an undergraduate student at-large for the Summer session only, provided they submit a copy of their I-20, I-94, visa letter from the Designated School Official (DSO) of their home school giving permission to attend and affirming the home school will take responsibility in making sure the student stays in status. J Visa holders must submit a copy of their DS-2019, I-94 and visa and may attend one semester only during the summer.

NOTE: Students must complete their files by the published deadline for the term in which the student is applying to ensure proper processing of I-20 forms. An I-20 will not be issued until the student has received notification of admission from Northeastern's Office of Admissions. At no time will any student on an F or J visa be eligible for resident tuition assessment.

Requirements For Admission

Students with J visas must apply as a student-at-large unless they intend to become a full-time degree seeking student and must then apply as an international student.

Students who are out-of-status will not be considered for admission.

You must meet the admission requirements for freshmen, transfer or master's students, whichever is applicable.

You must pass the written version of the Test of English as a Foreign Language (TOEFL) with a minimum score of 500 (masters admission requires 550) or you must pass the computerized version of the TOEFL test with a minimum score of 173 (master admission requires 213) or the internet based test with minimum score of 61 (masters admission requires 79). The International English Language Testing System (IELTS) may be submitted in lieu of TOEFL. An IELTS minimum score of 6 (masters admissions 6.5) is required.

You must file a Northeastern Financial Statement that indicates your sponsor has sufficient finances to support you for the duration of your stay in the United States.

How to Apply for Admission

1. Submit application for admission with a \$30 application fee to the Admissions Office. We encourage students to apply online for faster processing.
2. Submit official copies of transcripts of schools attended within the United States. All transcripts from non U.S. colleges or universities must be evaluated by Educational Credential Evaluators, Inc. (ECE) or World Education Services (WES).
3. Arrange to have official TOEFL scores sent to the Admissions Office.
4. Submit complete and notarized Northeastern Financial Statement. Submit sponsor's bank and/or employment letter. All financial statements and supporting documents must be in exact U.S. dollar amounts. Bank certification letters must reflect savings or Certificates of Deposit.
5. If applicant is currently in the United States, a copy of the I-94 must also be submitted.
6. You must indicate your home country address on the application form. Additional information may be requested by the Office of International Programs such as transfer release forms, proof of Optional Practical Training (OPT) and additional financial statements.
7. Masters applicants must also submit 2 letters of recommendation, statement of goals and objectives, and any additional documents required by the program. Please refer to Graduate Students section for more information.

Graduate Students

General Admission Requirements

Applicants for graduate admission at Northeastern Illinois University must:

1. Submit a completed application.
2. Submit a non-refundable application fee accompanying the application. The application fee can be in the form of a check, money order or bank draft payable to Northeastern Illinois University. If paid in cash at the University Cashier's Office, the receipt should be attached with the application package.
3. Possess an undergraduate degree from a regionally-accredited college or university or recognized international college or university.
4. Provide official transcripts. Transcripts and examination scores must be official and received in an envelope sealed by the sending institution. Hand-carried transcripts will be considered official as long as they are delivered in the sealed envelope. Transcripts become the property of the University and cannot be released.
5. Meet the requirements of the specific program to which they are applying (see below).

Transcripts from recognized colleges/universities outside of the U.S. require evaluation through Educational Credentials Evaluators, Inc. (ECE) or World Education Services (WES). Three-year degrees from a college or university in a country that is a signed participant in the Bologna Process are eligible to be officially accepted as equivalent to a four-year U.S. degree. In addition to all required documents listed above, students who graduated with a three-year Bologna-compliant degree must submit the accompanying Diploma Supplement (DS).

Admission to a Degree Program

In addition to the general requirements listed above, admission to a master's degree program requires the following additional materials:

1. Two letters of recommendation.
2. A statement of goals and objectives.
3. Transcripts from all institutions of higher education attended for which the applicant enrolled in credit-earning courses. Transcripts from NEIU do NOT need to be submitted. It is also not necessary to re-submit any transcripts that have been submitted in a previous application to an NEIU graduate program, as long as no additional coursework was completed since the initial transcript was sent to NEIU.
4. Consult the application instructions for additional application requirements for specific degree programs. Some programs require applicants to take the Graduate Record Examination (GRE general as well as the subject test) or the Graduate Management Admission Test (GMAT). Students applying to these programs must arrange to send the test scores to the Graduate Admissions Office at Northeastern Illinois University to avoid delay or denial of admission. The code for Northeastern Illinois University is 1090.
5. Demonstrate a high level of scholastic ability as reflected by an undergraduate grade point average of 2.75 or better (4-point scale). All undergraduate coursework completed prior to the conferral of the bachelor's degree is computed in this average. Any previous graduate credit is also taken into appropriate consideration.
6. An average of at least B (3.0) in the undergraduate coursework that is the foundation for the master's program.
7. Satisfactory mastery of the program prerequisites.
8. Departmental or program committee approval. The final admission decision rests with the program faculty.

An undergraduate senior who meets all of the requirements for admission to the College and the specific degree program, and is within 9 semester hours of completing an undergraduate degree may be granted **Contingent Admission**. Prior to the start of classes in the term of admission, an applicant granted contingent admission must submit an official transcript showing conferral of the degree in order to start graduate coursework. Courses used to fulfill the undergraduate degree requirements will not apply to the graduate degree program of study.

Conditional and Provisional Admission

An applicant who does not meet all of the academic requirements for admission to a degree program may be admitted into one of the following two graduate admission categories upon the recommendation of the graduate program and the approval of the College of Graduate Studies and Research.

Conditional Admission: Applicants lacking mastery of certain, specific program prerequisites may be allowed to obtain that mastery by completing prerequisite coursework by a specified time or point in the graduate program as deemed appropriate by the graduate program. Such applicants will be granted admission and assigned to "conditional status." Students in conditional status will be required to complete their prerequisite work early in their

graduate program, in accordance with the sequence of courses recommended by their graduate program advisor. Failure to complete the prerequisite work by the time the student earns 12 credit hours of graduate-level work will result in a hold being placed on their ability to register for courses in all future terms until the completion of the prerequisite work. Registration holds may only be released for the upcoming semester upon a plan of prerequisite course completion agreed upon by the student and the graduate program advisor.

Provisional Admission: Applicants who do not meet the standard academic background expected for full admission to a degree program, may, in some cases, be granted admission to “provisional status” upon the recommendation of the graduate program and the approval of the College of Graduate Studies and Research. Admission to provisional status may result from an applicant having:

1. a degree from an institution for which academic credit equivalency cannot be established, or one that issues transcripts with ungraded academic records.
2. an undergraduate cumulative grade point average that is below 2.75.
3. an erratic undergraduate academic record.

Students admitted to provisional status must achieve a grade of B or better in all courses taken until the term of completion of the first 9 graduate-level credits in the program. Failure to meet this performance standard will result in dismissal from the program.

Students admitted to provisional status who also lack mastery of certain, specific program prerequisites may also be allowed to obtain that mastery by completing prerequisite coursework as described above. Such students will be subject to both expectations described above for students in provisional and conditional status.

Notification of Admission

The Graduate Admissions Office will inform students in writing of the admissions decision. Students who are admitted should contact their program advisor within two weeks of receiving notification of admission, register for the courses they plan to take in their first term, and participate in orientation programs as specified by the college and/or program.

Since each graduate degree program has its own specific course requirements, it is imperative that the student assume the responsibility for contacting the assigned advisor in the program. The letter of admission will identify the advisor. The student should contact the program advisor well in advance of any registration period, as detailed program advising cannot be done, and should not be expected, just prior to the start of classes.

International Students

International Students are required to follow all admissions processes and fulfill all of the admissions requirements noted above. Additionally, they must demonstrate that they meet eligibility requirements for F-1 visa status and English language proficiency.

Eligibility for F-1 visa status requires demonstrating the availability of sufficient funds for attending school and for living expenses. This is done by completing and submitting a notarized Northeastern Financial Statement along with notarized supporting documents, which include an official, notarized bank letter obtained from the financial institution(s) of the sponsor(s) identified in the Northeastern Financial Statement. Further details can be obtained on the website of the Office of International Programs (<http://www.neiu.edu/international>).

English language proficiency: International students must demonstrate English language proficiency as evidenced through an approved standardized test. International applicants are exempt from this requirement if they have earned a degree from a regionally-accredited U.S. college or university.

NEIU accepts scores from both the Test of English as a Foreign Language (TOEFL) as well as from the International English Language Testing System (IELTS). Minimum acceptable scores are 79 on the TOEFL iBT or a 6.5 composite score on the IELTS. Some programs require a TOEFL or IELTS score that is higher than the university minimum requirement; these can be found on the application along with other program-specific requirements.

Applicants who do not meet the English language proficiency minimum scores may be considered for conditional admission to a graduate degree program in conjunction with Northeastern’s intensive English program (SAELL). SAELL provides training for international students to meet the English language proficiency requirement. International applicants with IELTS composite scores of 5.0 or better or TOEFL iBT scores of 35 or better may be considered for a special joint admission to SAELL with conditional admission to a graduate degree program. Joint conditional admission requires international students to begin studies at NEIU in the SAELL intensive English program, with a guarantee of admission to the graduate degree program upon demonstration of English language proficiency within 12 months of beginning in the SAELL program. Further details can be obtained on the website of the Office of International Programs (<http://www.neiu.edu/international>).

Admission Acceptance / Deferral

Students may request, in writing, a deferral of their matriculation for up to one year. Requests for deferment should be submitted to the Graduate Admissions Office.

Student-At-Large

STUDENT-AT-LARGE WITH DEGREE

CLASSIFICATION AND DEFINITION

Students with bachelor's or graduate degrees who wish to enroll at Northeastern as non-degree candidates. Students who wish to enter a master's program must make formal application to the Graduate Admissions Office. A maximum of nine credit hours taken in this at-large classification may apply toward a master's degree.

Courses are not automatically accepted into a master's program. Such work would have to correspond to specific program requirements and satisfy all scholastic requirements of the master's program.

Students-at-Large with degree are not eligible to receive financial aid.

REQUIREMENTS FOR ADMISSION

Graduation from a regionally accredited college or university.

HOW TO APPLY FOR ADMISSION

1. Submit Student-at-Large application for admission with a \$30 application fee to the Admissions Office. We encourage students to apply online for faster processing.
2. Submit official transcript from which the highest degree was awarded.
3. If you are a Permanent Resident of the United States, attach a clear photocopy of the front of your Permanent Resident card. If you have been granted temporary residence, conditional entrance, are a parolee, refugee, asylee, or in the process of becoming a Permanent Resident, you must submit appropriate U.S. Citizenship and Immigration Services documentation and/or copy of a valid visa.

NOTE: If you have previously attended Northeastern Illinois University as an undergraduate student, you must submit proof of your degree to the Admissions Review and Processing Office.

STUDENT-AT-LARGE WITHOUT DEGREE

CLASSIFICATION AND DEFINITION

Undergraduate students working toward a baccalaureate degree at another college or university. NOTE: Students-at-large interested in earning an undergraduate degree at Northeastern must submit an application for admission and meet undergraduate admission requirements.

Students-at-Large without degree are not eligible to receive financial aid.

Students-at-Large who later apply as degree-seeking students and are denied will not be allowed to continue to enroll in the Student-at-Large status. An appeal may be submitted to the Admissions Appeal Committee.

REQUIREMENTS FOR ADMISSION

Graduation from high school or Satisfactory completion of the G.E.D. **AND** must be in good academic standing at last college attended and have cumulative GPA of 2.0 or higher (4.0 scale).

HOW TO APPLY FOR ADMISSION

1. Submit Student-at-Large application for admission with a \$30 application fee to the Admissions Office. We encourage students to apply online for faster processing.
2. If you are a Permanent Resident of the United States, attach a clear photocopy of the front of your Permanent Resident card. If you have been granted temporary residence, conditional entrance, are a parolee, refugee, asylee, or in the process of becoming a Permanent Resident, you must submit appropriate U.S. Citizenship and Immigration Services documentation and/or copy of a valid visa.

NOTE: Transcripts are not required.

Readmission

Admission Requirements and Application Procedures

Inactivation/Re-admission Policy

An undergraduate or graduate student who does not enroll in at least one course over three consecutive semesters, including the summer semester, will have his/her student status changed from "Active" to "Inactive". An undergraduate student must be re-admitted to the University or as a student-at-large to register for additional classes.

A graduate student must be re-admitted to the same program, admitted to a different program, or admitted as a student-at-large to register for additional classes. Re-admission to a student's original program is not guaranteed.

All re-admitted students are subject to the catalog year requirements based on their semester of re-admission and enrollment.

Bachelor of Arts in Interdisciplinary Studies (BAIS) Inactivation/Re-admission Policy

An undergraduate Interdisciplinary Studies student who does not enroll in at least one course over six semesters, including the summer semester, will have his/her student status changed from "Active" to "Inactive". An inactive Interdisciplinary Studies student will need to be re-admitted to the University and the Interdisciplinary Studies program. Re-admitted students are subject to the catalog year requirements based on their semester of re-admission and enrollment.

Requirements For UNDERGRADUATE RE-Admission

Good standing at the time of last attendance at Northeastern. Students who have enrolled at other institutions since leaving Northeastern must have an overall "C" average and be in good standing at those institutions.

How to Apply for Admission

1. Submit an application for admission with a \$30.00 application fee to the Admissions Office. We encourage students to apply online for faster processing.
2. Arrange to have official transcripts sent from any colleges or universities attended since leaving Northeastern.
3. If you are a Permanent Resident of the United States, attach a clear photocopy of the front of your Permanent Resident card. If you have been granted temporary residence, conditional entrance, are a parolee, refugee, asylee, or in the process of becoming a Permanent Resident, you must submit appropriate U.S. Citizenship and Immigration Services documentation and/or copy of a valid visa.
4. International Students must submit a new/updated Northeastern Financial Statement and required supporting documents.

Veterans

Veterans Admission Requirements and Application Procedures

Classification and Definition

Persons returning from at least one year of active military service will be readmitted or reinstated regardless of previous scholastic record, provided Northeastern Illinois University is the first institution of higher education attended following release from service.

Veterans Services Office

The Veterans Services Office provides veterans, active military members, reservists, and their families guidance on obtaining their federal and state military educational benefits. The office strives to assist the military community with all aspects of their NEIU experience as well as providing referrals at the state and federal level within the Department of Veterans Affairs.

Please visit the Veterans Services Office, located in building D-130, in the Admissions, Transfer, and Veterans Services Center, to explore more about the veterans' resources NEIU offers. For more information, call (773) 442-4070, email veterans@neiu.edu or visit our webpage, www.neiu.edu/future-students/veterans-services.

Prospective students are encouraged to contact the Veterans Admissions Outreach Specialist at (773) 442-4028 for an initial assessment of eligibility and to help navigate the application process.

Credit for Military Service

Four credit hours are awarded to veterans who have been honorably discharged and have served a minimum of one year on active duty or in the guard/reserve. Veterans must submit Member 4 of their DD214 to the Admissions Review and Processing Office at the time of application for admission.

Credit is also allowed for those United States Armed Forces Institute (USAFI) courses for which the American Council on Education recommends credit at the baccalaureate level, provided the student has passed the appropriate USAFI end-of-course test or examination.

Credit for service schools successfully completed may be evaluated upon request. In order to grant credit to veterans for service/school training, veterans must provide transcripts. These transcripts are free to all eligible soldiers, sailors, marines, and airmen. More details are available at the following web sites.

USAF—CCAF Transcripts <http://www.au.af.mil/au/ccaf/transcripts.asp> Joint Services Transcripts for Army, Coast Guard, Marine Corps, and Navy are requested at <https://jst.doded.mil>

The student must file the Request for Evaluation form available in Enrollment Management Services (D-101).

ROTC Programs

Air Force ROTC

Students may enroll in the Air Force ROTC program at the Illinois Institute of Technology (IIT). The four-year and two-year programs allow qualified men and women the opportunity to earn commissions as Second Lieutenants in the U.S. Air Force upon graduation and completion of Air Force ROTC. Federal scholarships are available to qualified students of either program and pay full tuition and fees, \$600 a year towards textbooks, and \$250-400 monthly subsistence allowance. State of Illinois ROTC scholarships are also available to qualified students and pay full tuition. All members of the Professional Officer Course also receive the monthly subsistence allowance.

The Air Force ROTC courses are taught on the IIT campus. For more information on Air Force ROTC, call (312) 567-3535/(312) 567-3526 or stop by 10 W. 21st Street (IIT Stuart Building) in Chicago.

Military Science (Army ROTC)

Military Science (Army ROTC) is offered through Northeastern Illinois University in conjunction with Loyola University Chicago. Loyola is the host school for all of Army ROTC in the northern Chicago area. Basic course classes for freshman and sophomores are open to all students and require no prerequisites. The advanced portion of the course for junior and seniors, is only open to those students who meet special ROTC criteria.

All lecture courses, physical training courses and Leadership Labs are offered off campus at Loyola University Chicago or alternate locations near Northeastern. Army ROTC is time-intensive and on average meets five times per week or more. For further information on scholarships opportunities call the Recruiting Operations Officer at Loyola University Chicago, Army ROTC at (773) 508-8980.

AP, IB, CLEP, Dual Admission

Credit for Advanced Placement (AP)

Students who have successfully completed Advanced Placement exams may receive college credit for this work. Please refer to the Advanced Placement Transfer Guide for information about the subjects and minimum passing scores. The guide is available online at the Future Students Transfer Center page (<http://www.neiu.edu/future-students/transfer-center/credit-examination>) or in Enrollment Management Services.

Please send official Advanced Placement score reports to the Admissions Review and Processing Office for review. A maximum of 30 credit hours may be awarded for Advanced Placement exams. This credit is included in the maximum of 64 semester hours transferable from community colleges.

Credit for College Level Examination Program (CLEP)

Students who have successfully completed College Level Examination Program (CLEP) general or subject exams may receive college credit for this work. Please refer to the CLEP Transfer Guide for information regarding transferable subjects and minimum passing scores. The guide is available online at the Future Students Transfer Center page (<http://www.neiu.edu/future-students/transfer-center/credit-examination>) or in Enrollment Management Services.

Please send official CLEP score reports to the Admissions Review and Processing Office for review. A maximum of 30 credit hours may be awarded for CLEP exams. This credit is included in the maximum of 64 semester hours transferable from community colleges.

Credit for International Baccalaureate (IB)

Students who successfully complete the International Baccalaureate (IB) Diploma Programme may receive college credit for this work. Please refer to the International Baccalaureate Transfer Guide for information regarding transferable subjects and minimum passing scores. The guide is available online at the Future Students Transfer Center page (<http://www.neiu.edu/future-students/transfer-center/credit-examination>) or in Enrollment Management Services.

Please send official IB score reports to the Admissions Review and Processing Office for review. A maximum of 30 credit hours may be awarded for International Baccalaureate exams. This credit is included in the maximum of 64 semester hours transferable from community colleges.

Guaranteed and Dual Admission Program

Northeastern has agreements with many area community colleges that allow for concurrent admission to the community college and Northeastern, simplifying the transfer process. Under the agreement, students who wish to participate must meet the admissions requirements of both institutions as well as the admissions requirements of the Northeastern program in which they desire to major. Both institutions will provide students with orientation and other services to guarantee a seamless transfer process.

Students who wish to be admitted to Northeastern will submit an application to both Northeastern and one of the community colleges with which there is an agreement in place. The applications and academic credentials will be reviewed by both institutions. Students who enroll in the program will have access to Northeastern's campus and services while attending their community college. Students must maintain continuous full- or part-time enrollment with a 2.0 grade point average to remain eligible for the dual admission program. Agreements can be found under the Dual Admissions category at www.neiu.edu/transfer.

Students who are interested in this program should contact the Northeastern Illinois University Admissions Office.

Tuition and Fees

Tuition Guarantee Plan - Undergraduate Students

Beginning with the Fall 2004 semester, tuition for newly enrolled undergraduate students seeking their first bachelor's degree is guaranteed for four consecutive years. The Tuition Guarantee Plan will help you and your family budget your educational expenses. The Tuition Guarantee Plan applies only to tuition. Fees may increase during the four years. See the current Class Schedule online for more information.

Extension to Tuition Guarantee Plan

Beginning in the Fall 2010 term, undergraduate students who previously qualified for the Tuition Guarantee Plan, as defined above, will now qualify for two additional years of guaranteed tuition. The tuition rate for the additional two years is equal to the amount charged to undergraduate students seeking their first Bachelor's degree who initially enrolled in the academic year following the students with the additional tuition guarantee. For example, students who first enrolled in Fall 2007 had their tuition guaranteed at the same rate through Summer 2011, and now will have their tuition rate guaranteed for two additional consecutive academic years at the rate charged to students who first enrolled in Fall 2008.

Please note: Tuition and fees are assessed per credit hour up to a total of 16 credit hours.

Tuition

Tuition Per Credit Hour

Undergraduate (Newly Enrolled Fall 2016 or Spring 2017)	\$349.37
Graduate	\$356.36
Non-Resident Undergraduate (Newly Enrolled Fall 2016 or Spring 2017)	\$698.74
Non-Resident Graduate	\$712.71
Fees Per Credit Hour	\$65.25

Tuition and Fees for Enrollment of 12 credit hours ^{1,2}

Undergraduate (Newly Enrolled Fall 2016 or Spring 2017)	\$5,106.44
Graduate	\$5,190.32
Non-Resident Undergraduate (Newly Enrolled Fall 2016 or Spring 2017)	\$9,298.88
Non-Resident Graduate	\$9,466.52

¹ These totals do not include the cost of health insurance.

² These totals do include the \$3 per semester Green Fee.

Tuition and fees are subject to change without notice.

Refunds

Final dates for refunds when withdrawing from classes are stated online in the Class Schedule. A service charge will be deducted for processing refunds for complete withdrawal of all classes.

Health insurance and parking fees are not refundable and may not be waived after the tenth day of classes.

Fees

Mandatory Student Fees

Students registered at Northeastern Illinois University pay a variety of fees intended to enhance and facilitate many aspects of campus life.

Parking Fee — University students have three options regarding parking:

1. participate in the Level 2 parking program
2. participate in Level 1 parking
3. waive out of the parking program entirely

Students are automatically billed a level 2 parking fee of \$10.00 per credit hour, up to a maximum of 16 enrolled credit hours per semester.

Level 1 parking is available at a rate of \$379.00 per semester. Students who wish to participate in level 1 parking must sign a waiver form to opt out of level 2 parking and purchase level 1 parking. Forms are available at <http://www.neiu.edu/university-life/parking>.

Students that do not want to participate in the parking program must submit a waiver form to opt out of the program. Forms and more parking information are available in the Cashier's Office or at <http://www.neiu.edu/university-life/parking>.

The **Student Union Fee** helps support the Student Union which is the heart of the activity program on campus. It is the setting for lectures, discussions, concerts, dances, meetings, and other activities. The facilities include food services, lounges, and meeting rooms.

The **Student Activity Fee** is used to support the Student Government, student organizations and clubs, and the many activities, programs, media, and events sponsored by the above group.

The **Computer Resource Fee** is dedicated to the enhancement of computer services available to students. Such purposes shall include the addition of computer workstations in a lab situation, additional "smart classrooms", and increased access to all the networks and communications highway currently in place as well as those to be built in the future. There will be an increased availability of staff to assist students in learning to take advantage of the new and evolving information technologies.

The **Campus Improvement Fee** supports current and future long-term investments in capital facilities and technology infrastructure.

The **Green Fee** funds implementation of clean and renewable energy technologies and improvement of campus energy efficiency at Northeastern Illinois University.

The **Freshman Orientation Fee** is a mandatory one-time fee paid by freshmen who are not transferring previously earned college credit; this fee supports orientation programs for these students.

The **Performing Arts Fee** helps to support university theatre and dance productions and musical concerts. The Campus Recreation Fee supports a comprehensive recreation program, including intramurals, wellness and fitness programs, aquatics, sport clubs and informal recreation.

The **Health Service Fee** enables the university to provide assessments and care for a wide range of student health concerns.

The **Chicago Transit Authority (CTA) U-Pass Fee** provides an unlimited ride pass for the CTA, available to all full-time students. For the Spring, Summer and Fall terms, full-time is defined as 12 credit hours minimum for undergraduate students and 9 credit hours minimum for graduate students.

Student-Health Insurance Fee — All full-time undergraduate students are automatically billed for Student Health Insurance. Undergraduate students have the option to waive the health insurance by completing a health insurance waiver with proof of insurance no later than the tenth day of classes. The health insurance cost is non-refundable after the tenth day of classes. Please be aware that the plan protects all participating students twenty-four hours a day. Please review the Student Health Insurance Plan Brochure (information available online at <https://www.aetnastudenthealth.com/>), for plan effective dates.

Be aware that in order to avoid a lapse in coverage, insurance should be purchased each semester, Fall, Spring and Summer sessions. This should be done at the Cashier's Office at the time the tuition payment is made.

Part time undergraduate students enrolled in a minimum of 6 credit hours and master degree students who wish to purchase student health insurance will need to pay the premium at the Cashier's Office prior to the tenth day of classes. If dependent coverage is desired, the student must obtain an insurance application form at the Health Service Office located in E051.

The **Academic Enhancement Fee** is dedicated to University renovation, improvement, and upgrade of classrooms, laboratories, and other academic space.

Financial Aid, Scholarships, and Student Employment

Financial Aid Office

Northeastern Illinois University is committed to providing an affordable education to all qualified students. The primary responsibility for covering the cost of attendance rests with the family and is reflected in the Expected Family Contribution. Determined by the Free Application for Federal Student Aid (FAFSA), Federal and State assistance programs are meant to supplement educational costs. For purposes of financial aid eligibility, half time enrollment is defined as six (6) credit hours. The Financial Aid Office, located in D-200, (773-442-5016) offers assistance in meeting educational expenses through grants, scholarships, student employment programs and loans.

Financial Aid Mission

The Department's Mission is to provide services and programs to all NEIU students in support of their education. Through the services provided, it is the department's intent to assist students in identifying funding suitable for their educational objectives. Through the programs provided, it is the department's intent to educate students on being credit smart in creating a budget, tracking expenditures, managing student loan debt and saving overtime. Title IV Financial Aid programs will be administered with integrity in order to help as many students as funding will permit.

Federal Grants

Programs	Eligibility	Description of Programs	Repayment	Office to Contact
Federal Pell Grant	The Federal Pell Grant eligibility is determined by the completion of the FREE Application for Federal Student Aid or FAFSA. Students with an Expected Family Contribution or EFC of 5,081 or less are eligible for the Federal Pell Grant. The amount of Federal Pell Grant funds a student may receive over his or her lifetime is limited by a new federal law to be the equivalent of six years of Pell Grant funding. Since the maximum amount of Pell Grant funding a student can receive each year is equal to 100%, the six-year equivalent is 600% (or six years, full-time).	Applies to tuition and fees plus other educational expenses. Possible summer eligibility.	No repayment obligation. Expires after six (6) years, fulltime awards.	Northeastern's Financial Aid Office
Federal Supplemental Educational Opportunity Grant	(Undergraduate) Limited availability. Must show exceptional need. Must be enrolled at least half time, in a degree program. Must file FAFSA by NEIU priority file date – possible summer term eligibility.	Program is considered a source of grant funds to supplement other federal aid programs such as the Federal Pell grant (described immediately above) if the student continues to show need.	No repayment obligation.	Northeastern's Financial Aid Office.

Federal TEACH (Teacher Education Assistance for College and Higher Education)	U.S. citizen; FREE Application for Federal Student Aid or FAFSA required; Full acceptance into the College of Education; Declared major in a 'high need' field; Signed Agreement to Serve with the U.S. Department of Education	Up to \$4,000	Reverts to Unsubsidized Direct Stafford Loan IF conditions of Agreement to Serve are not met	Northeastern's Financial Aid Office
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State Grants

Programs	Eligibility	Description of Programs	Repayment	Office to Contact
Illinois Monetary Award Program (ISAC)	(Undergraduate) Must be resident of Illinois and enroll for at least three credit hours. Based on need only. Must be enrolled in a degree program. Expires after ten (10) full-time terms of use.	Applies to tuition and fees only. Must apply annually.	No repayment obligation. Expires after 135 paid credit hours.	Northeastern's Financial Aid Office or ISAC, 1755 Lake Cook Rd., Deerfield, IL 60015-5209, (847) 948-8500.
NEIU Eagle Performance Award	(Undergraduate) Must be resident of Illinois and enroll for at least three credit hours. Based on need. Must be enrolled in a degree seeking program. Supplements IMAP shortfall when funding is suspended	Up to \$3,000 No application necessary.	No repayment obligation Cannot receive both NEIU Eagle Performance and Illinois Monetary Award.	Northeastern's Financial Aid Office
Illinois Veterans Grant (ISAC)	Undergraduate or Graduate Veterans must: Have at least one full year of active duty in the U.S. Armed Forces (or served in a foreign country in a time of hostility), and received an honorable discharge; Have completed his or her initial activity duty commitment; Have resided in Illinois within six months before entering the service; Have returned to Illinois within six months after discharge from the service; Be enrolled at an Illinois public2 or 4 year college; Not be in default on any student loan, nor owe a refund on any state or federal grant; and maintain the minimum grade point average (GPA) required by the applicant's college	Payment of tuition and some fees for an equivalent of four years of enrollment at any state university or Illinois public community college.	No repayment obligation.	Northeastern's Veterans Services Office Weston Polaski W-Polaski@neiu.edu (773) 442-4005 or ISAC, 1755 Lake Cook Rd., Deerfield, IL 60015-5209, (847) 948-8500.

Illinois National Guard/ Naval Militia (ISAC)	(Undergraduate and Graduate) to be eligible for the Illinois National Guard grant a student must: be an Illinois National Guard member, defined as meeting one of these two criteria: Be active in the Illinois National guard or have been active in the Illinois National guard for at least five consecutive years and have been called to federal active duty for at least six months and be within 12 months after your discharge date from the Illinois National Guard. Have completed one full year of service in Illinois National Guard; be an enlisted member or an officer (Public Act 94-583); be enrolled at an Illinois public 2 or 4 year college; not be in default on any student loan, nor owe a refund on any state or federal grant; and maintain an acceptable grade point average according to the policy determined by their college.	No repayment obligation	Payment of tuition and some fees. at any state school. Students may enroll full or part-time.	Northeastern's Veterans Services Office Weston Polaski W-Polaski@neiu.edu (773) 442-4005 or ISAC, 1755 Lake Cook Rd., Deerfield, IL 60015, (847) 948-8500.
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Federal CAMPUS BASED Loan

Programs	Eligibility	Description of Programs	Repayment	Office to Contact
Federal Perkins Loan	(Undergraduate) Enrolled full or half-time. Must complete FAFSA. Must be enrolled in a degree program. Must show need. Must file FAFSA by NEIU priority file date.	Maximums: Undergraduate: \$4000/yr; \$20,000 total; Graduate: \$6000/yr; \$40,000 total (including amounts borrowed as undergraduate). Federally-funded program available to qualified applicants to assist with educationally related costs.	Fixed interest rate of 5%. Repayment begins 9 months after you graduate or leave school, or drop below half-time status.	Northeastern's Financial Aid Office or Northeastern's Student Loan Department.

William D. Ford Federal Direct Loan Program

Programs	Eligibility	Description of Programs	Repayment	Office to Contact
Direct Loans (Subsidized & Unsubsidized)	(Undergraduate and Graduate) Enrolled full or half-time. Must complete FAFSA. Must be citizen or permanent resident of the United States.	Dependent undergraduate loan limits according to academic level: \$3,500 to \$7,500 per yr. Independent undergraduate loan limits according to academic level: \$3,500 to \$12,500 per yr. Subsidized Eligibility limited to equivalent of six years full time. Graduate (masters and TLP) loan limits according to \$20,500 per yr. Unsubsidized eligibility only.	The loan has a fixed rate with a cap of 6.8%. Repayment begins 6 months after you graduate, leave school or drop below half-time status.	Northeastern's Financial Aid Office.

PLUS Loans (Parent Loan for Undergraduate Students)	Dependent undergraduate students. Credit worthiness required.	Amount not to exceed student's cost of attendance.	Fixed interest rate of 8.5%. The full loan amount plus interest must be repaid. The first payment is due within 60 days after the final disbursement of the loan (unless a deferment is obtained).	Northeastern's Financial Aid Office.
Graduate PLUS Loans	Graduate master's degree students. Credit worthiness required.	Amount not to exceed student's cost of attendance	Fixed interest rate of 8.5%. The full loan amount plus interest must be repaid. The first payment is due within 60 days after the final disbursement of the loan (unless a deferment is obtained).	Northeastern's Financial Aid Office.

Applying for Financial Aid

How To Apply For Financial Aid

The primary financial aid application form is the Free Application for Federal Student Aid (FAFSA). This form is available on-line at www.fafsa.gov (<http://www.fafsa.gov>).

- If you have not filed for financial aid, submit the FAFSA. To select NEIU as a school to receive your information, enter our Title IV school code 001693 on the application.
- Using FAFSA on the web (www.fafsa.gov / (<http://www.fafsa.gov>)) to file, students can select to sign electronically using a Federal Student Aid Identification Number or FSA ID. Students can apply for an FSA ID within the FAFSA on the Web. Dependent students will also need at least one FSA ID from one parent.
- For priority consideration for all institutional financial aid, your FAFSA should be received at NEIU by February 15.
- The Internal Revenue Service (IRS) Data Retrieval is available to streamline the FAFSA completion and verification process. If the federal tax return is 'Already Completed' for the appropriate tax year, the student and/or spouse/parent can retrieve data directly from the IRS into the FAFSA.

You will receive a Student Aid Report or SAR through the email address provided on the FAFSA. If any of the information on the SAR is incorrect, make the necessary corrections using www.fafsa.gov (<http://www.fafsa.gov>). If all the information is correct, keep it for your records. If you listed Northeastern Illinois University as one of the schools to receive the data, our Financial Aid Office will receive your information electronically.

Applicants and their parents should be prepared to furnish any information verifying data on the application. This may include documents from the Internal Revenue Service for the verification process.

Applications will be processed and awards will be made on a first come, first served basis for campus-based funds (Federal Work Study, Federal Supplemental Educational Opportunity Grants, Federal Perkins Loan). Federal Pell Grant, Monetary Award Program Grant (ISAC) and Direct Loan applications are also reviewed in date order. Although the amounts of these awards are not determined by the date priority, early applicants will receive their award offers first.

You will receive an award offer detailing the financial aid for which you qualify. All financial aid funds will be credited to your NEIU billing account. If the total credited funds exceed your NEIU bill, you will be notified of the refund distribution process from the Student Loan Department. Students can register for direct deposit using NEIUport, Registration Tools in the Current Student tab. Students choosing to pick up a paper check must provide two documents of identification, one of which must be the University ID.

Additional information concerning financial assistance and filing deadlines can be obtained by checking the student portal, the website, email at Financial-Aid@neiu.edu or fax at (773) 442-5040.

Minimum Standards of Academic Progress for Financial Aid Purpose

The U.S. Department of Education Student Financial Aid regulations require that NEIU establish and maintain a policy to measure whether students applying for financial aid are making satisfactory academic progress toward degree completion. NEIU has implemented the following Minimum Satisfactory Academic Progress standards necessary to evaluate a financial aid recipient's continued eligibility for funds.

Types of Aid Covered by the Policy

Grants	Loans	Other
Federal Pell Grant	Federal Perkins	Federal College Work-Study
Federal Supplemental Education Opportunity Grant (SEOG)	Federal Direct Subsidized Stafford	ISAC Monetary Award
Federal TEACH	Federal Direct Unsubsidized Stafford	ISAC Minority Teachers
ISAC National Guard Grant(ING)*	Federal Direct PLUS	ISAC Special Education Teacher
ISAC Veteran's Grant (IVG)*	Federal Direct GRAD PLUS	

Policy Statement

At the end of each semester students are expected to:

- Complete successfully sixty-seven percent (67%) of the cumulative attempted hours
- Maintain a minimum cumulative grade point average of 2.0 or "C" as an undergraduate. Graduate students are expected to maintain a minimum cumulative grade point average of 3.0 or "B".

These requirements apply to part-time as well as full-time students for all semesters of enrollment within an award year, including those semesters for which no financial aid was granted. All undergraduate students who have attempted more than 180 hours and all graduate students who have attempted more than 54 hours will not receive further financial assistance unless they successfully complete an appeal process resulting in a reinstatement of their financial aid. This includes developmental and transfer coursework. Pursuant to 23 IL Adm Code 2730 and 2733 students receiving ONLY Illinois National Guard Grant Program OR Illinois Veteran Grant Program awards are exempt from pace & timeframe criteria.

Course Work Completion Rate

1. A student must successfully complete at least 67% of the **hours attempted** each academic year. Hours attempted is defined as the hours a student is registered for by the 90% refund date as determined by Registration & Records (classes added after that date will also be included). **Successfully completed** is defined as the total number of hours in which a student receives a grade of A, B, C, D or P.
2. Withdrawals are handled in the following manner: withdrawal from course(s) must be completed before tuition is charged. **Course(s) withdrawn after the 90% refund date will be included in hours attempted. Incomplete and repeat courses are also included in hours attempted.**
3. The standard of 67% will be monitored cumulatively at the end of each semester. If, at the end of the award year, a student is below the cumulative 67% standard, the student's aid will be **suspended**. This includes terms in which the student is not receiving aid. Aid will be reinstated once the student has achieved the 67% cumulative completion rate.

Repeat Coursework

The new Program Integrity Federal Rules associated with the Minimum Standards of Academic Progress require institutions to evaluate the following prior to awarding Federal and State Assistance:

- Students can repeat 'unearned' coursework as many times as necessary in order to 'earn' a grade for said coursework (e.g. letter 'D' grade or higher)
- Students can repeat 'earned' coursework ONCE in order to 'earn' a better grade for said coursework (e.g. earning a 'D' the first attempt and an 'A' the second attempt)
- Students cannot repeat 'earned' coursework more than ONCE

Grade Point Average (GPA) Requirement

1. The student's cumulative GPA will be evaluated at the end of every term.
2. If the GPA falls below the requirement, the student's aid will be **suspended**.
3. Aid will be reinstated once the student has achieved the requirement (2.0 cumulative GPA for undergraduates and 3.0 cumulative for graduate).

Maximum Time Frame

Students are permitted to take up to 150% of the required credit hours to complete their academic program.

1. Undergraduate students must complete their degree requirements within 180 semester hours (150% of 120 credit hours).
2. Graduate students must complete their degree requirements within 54 semester hours. One exception is granted to the Masters in Counseling Program who must complete degree requirements within 60 semester hours.

Suspension

Students will be notified at the end of each term if they have been suspended from financial aid. Once a student is terminated, all future financial aid disbursements stop. Students can request to be reinstated through the appeal process. The financial aid office recommends that students keep track of their progress using the student portal. Financial aid advisors are available to discuss students' financial aid situation.

Satisfactory Academic Progress Appeal Guidelines

If a student is unable to meet the Satisfactory Academic Progress requirements due to extenuating circumstances, they may submit an appeal requesting the reinstatement of their financial aid eligibility. Students who wish to appeal being placed on suspension status must complete the following steps:

1. Submit a signed **typewritten appeal** to the NEIU Financial Aid Office explaining why the requirements were not met. Students **MUST** attach typewritten appeals to the petition. The petition is available in downloadable form at the financial aid office website (Financial Aid (<http://www.neiu.edu/financial-aid>)). Letters of appeal sent by e-mail will not be accepted.
2. **Include supporting documentation** verifying the situation (letter from physician, copy of memorial service, police or accident report, etc.) with the appeal petition.
3. In addition, the typewritten appeal should include a **plan of action** that will enable the student to meet the Academic Progress requirements in the future.
4. Students terminated for exceeding the maximum hours requirement should also **include a letter from their department academic advisor** listing the courses still needed to complete their degree AND the anticipated date of graduation. A degree audit from the academic advisor may be submitted in this circumstance.

Appeals will be considered by the Satisfactory Academic Progress Appeal Committee, which will render a decision in writing. This committee consists of members from various NEIU departments and offices, including the financial aid office. The Committee meets every six to eight weeks during the semester unless an emergency situation occurs. **Any appeals received after the eighth week of the term will not be considered until the following term.** The Financial Aid Office will promptly notify the student in writing of the committee's decision.

Students in suspension status may enroll in classes. However, if their appeal is denied the student is responsible for any charges incurred at NEIU. Financial Aid cannot be retroactively reinstated if an appeal is approved AFTER a semester has ended.

Return of Federal Title IV Assistance

Complete Withdrawals and Return of Federal Title IV Assistance

NEIU Financial Aid Withdrawal Policy

Most Financial Aid Programs will not pay for courses dropped during the 90% refund period. After the 90% refund period has expired, student enrollment is captured and locked for the remainder of the term. Financial Aid Programs will disburse against the student's University Billing account based on the captured enrollment hours. Academic progress appeals are required for reinstatement of financial aid for terms following a complete or unofficial withdrawal.

Complete (OFFICIAL) Withdrawals

The Financial Aid Office is required to perform a Return of Title IV calculation for students receiving Federal funds and who completely withdraw from all registration before 60% of the term has expired. Once the calculation is performed, any Federal assistance is adjusted and the student is notified of the amount that must be returned to the U.S. Department of Education. NEIU returns the calculated amount thereby creating a bill against the student's accounts receivable. These funds include:

- Federal Pell Grant
- Federal Supplemental Education Opportunity Grant
- Federal TEACH Grant
- Federal Perkins Loan
- Federal Direct Subsidized Stafford Loan
- Federal Direct Unsubsidized Stafford Loan
- Federal Parent Loan for Undergraduate Students

Unofficial Withdrawals

The Financial Aid Office is required to perform a Return of Title IV calculation for students receiving Federal funds and who receive no grade point average for a given semester. This includes any combination of I, F, W or X grades. This is referred to as an unofficial withdrawal. Once the calculation is performed, the student is notified and has the opportunity to submit documentation from instructors to the Financial Aid Office verifying the actual last date of attendance. If the last date of attendance is after the midpoint of the term, it minimizes the amount that must be returned to the U.S. Department of Education. Once it is determined that funds must be returned, NEIU returns the calculated amount thereby creating a bill against the student's accounts receivable.

Scholarships Office

SCHOLARSHIPS OFFICE

Students are often faced with the dilemma of how they will pay for their education. For many, the financing of a university education becomes a barrier to learning. With this in mind, the mission of the Scholarships Office is to lead in the promotion and awarding of university scholarship funds to deserving students. Therefore, the goal is to assist in lessening the financial burden that many students seek to overcome. Many of the Merit and Talent Awards are open to students regardless of citizenship status.

For additional information, the Scholarships Office can be contacted at (773) 442-4606 or via e-mail at M-Morrow@neiu.edu. Students are also encouraged to visit the office's website at www.neiu.edu/scholarships.

Institutional Scholarships / Merit/Talent Scholarships

Programs	Eligibility	Description of Programs	Repayment	Office to Contact
NEIU Presidential Scholarship	(Only Open to Entering Freshmen) Must have a minimum ACT of 27, 3.50 GPA, graduate of an Illinois high school, and submit application.	Covers in-state tuition, fees, and books for a maximum of four years. (Must maintain a GPA of 3.50 for eligibility for renewal.)	No repayment obligation.	Northeastern's Scholarships Office Michelle Morrow M-Morrow@neiu.edu 773-442-4606
NEIU Provost Merit Freshman Scholarship	Freshmen who have applied for early admission; selection based on a sliding scale using ACT and GPA	Up to \$2,000. Determined upon admission – no application necessary	No repayment obligation	Northeastern's Scholarships Office Michelle Morrow m-morrow@neiu.edu 773-442-4606
NEIU Provost Merit Transfer Scholarship	Transfer students who have applied for early admission; earned Associate of Arts or Associate of Science degree; cumulative GPA of 3.50	Up to \$2,000. Determined upon admission – no application necessary	No repayment obligation	Northeastern's Scholarships Office Michelle Morrow m-morrow@neiu.edu 773-442-4606
NEIU Deans Merit Freshman Scholarship	Freshmen who have applied for early admission; ACT composite score of 22 or higher; cumulative GPA of 3.00	Up to \$1,000. Determined upon admission – no application necessary	No repayment obligation	Northeastern's Scholarships Office Michelle Morrow m-morrow@neiu.edu 773-442-4606
NEIU Deans Merit Transfer Scholarship	Transfer students who have applied for early admission; earned Associate of Arts or Associate of Science degree; cumulative GPA of 3.00	\$1,000. Determined upon admission – no application necessary	No repayment obligation	Northeastern's Scholarships Office Michelle Morrow m-morrow@neiu.edu 773-442-4606
Graduate Merit Tuition Scholarship	(Graduate) Must be in graduate program and have 3.50 G.P.A.	Covers tuition only	No repayment obligation	Northeastern's College of Graduate Studies & Research or academic department chairperson or advisor or send email to graduatestudies@neiu.edu
NEIU Phi Theta Kappa Scholarship	A minimum 3.50 GPA and an A.A. or A.S. degree are required. In addition, student must be enrolled full-time and a resident of Illinois; enroll in the Fall at NEIU immediately following the completion of an Associate's degree program; working towards their first baccalaureate degree; and provide recommendation from Phi Theta Kappa advisor.	Covers tuition for the first 60 credit hours at NEIU. Must maintain 3.5 GPA May 1st application deadline. Only awarded in the fall.	No repayment obligation.	Northeastern's Scholarships Office Michelle Morrow m-morrow@neiu.edu 773-442-4606

Scholarship for Children of Deceased Faculty/Staff	(Civil Service and Academic & Professional) The natural, adopted, foster, step-child of the deceased employee shall be entitled to a tuition scholarship of 50% for tuition and fees for the duration of time for the child to receive a baccalaureate degree from the University. Children of a divorced employee are also eligible if the deceased employee had been contributing to their support.	Undergraduate only. Covers tuition and fees.	No repayment obligation	Faculty: Vicki Roman-Lagunas v-romanlagunas@neiu.edu 773-442-5420 Staff: Human Resources Mary Griesinger m-griesinger@neiu.edu 773-442-5202
NEIU College of Arts & Science	Freshman-upper 15% of graduating class or minimum ACT of 24 or SAT of 1110. Transfer or current NEIU student – minimum cumulative GPA of 3.25. All students must submit a one page detailed intention of educational career goals, a transcript, and one letter of recommendation from a teacher, counselor, or employer.	Full-time or half-time tuition scholarship.	No repayment obligation.	Northeastern's College of Arts & Sciences, Office of the Dean Mary Hay Verne m-verne@neiu.edu 773-442-5708
NEIU College of Business & Management	Freshman-upper 15% of graduating class or minimum ACT of 24 or SAT of 1110, one page essay, submit two letters of recommendation from teachers and/or employers. Transfer or current NEIU student, minimum cumulative GPA of 3.00, one page essay, submit two letters of recommendation from teachers and/or employers.	Fulltime or half-time tuition scholarship	No repayment obligation.	Northeastern's College of Business . & Management. Diana Valdez D-Manzanas@neiu.edu 773-442-6101
NEIU Daniel L. Goodwin College of Education	Freshman-upper 15% of graduating class or minimum ACT of 24 or an SAT score of 1110, one page essay. Transfer or current NEIU student minimum cumulative GPA of 3.50, one page essay.	Full-time or half-time tuition scholarship.	No repayment obligation.	Northeastern's College of Education. Paola Vargas p-vargas@neiu.edu 773-442-5512
NEIU Honors Tuition Merit Scholarship	Undergraduate Honors Program participants – GPA, service and progress in program determine award.	Pays in-state tuition only.	No repayment obligation.	Northeastern's Honors Program Office. Jon Hageman J-Hageman@neiu.edu 773/442-6045

Nontraditional Degree Programs	Transfer of current NEIU Student – minimum cumulative GPA of 3.0, two page essay describing goals after graduation and how participation in Nontraditional Degree Programs will assist in fulfilling those goals, and one letter of recommendation from a professor, counselor or employer.	Full-time of Half-time tuition scholarship	No repayment obligation.	Northeastern's Nontraditional Degree Program Office. Kimberly Sanborn K-Sanborn@neiu.edu 773-442-6038
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NEIU Talent Tuition Scholarships

Programs	Eligibility	Description of Programs	Repayment	Office to Contact
Art	Limited to first time undergraduates based on the presentation and evaluation of a portfolio	Maximum: Four years of tuition payment. Reapply annually.	No repayment obligation.	Art Department Nathan Mathews N-Mathews@neiu.edu 773-442-4913
Communications, Media, and Theatre	Limited to first time undergraduates based on an audition	Maximum: Four years of tuition payment. Reapply annually.	No repayment obligation.	Communication, Media and Theatre Department Rodney Higgenbotham R-Higgenbotham@neiu.edu 773-442-5961
Dance	Limited to first time undergraduates based on an audition	Reapply each semester.	No repayment obligation.	Dance Department Jamie Farrell J-Farrell@neiu.edu 773-442-5983
English	Limited to first time undergraduates based on application, GPA and academic progress in program determine award.	Maximum: Four years of tuition payment. Reapply annually.	No repayment obligation.	English Department Ryan Poll R-Poll@neiu.edu 773-442-5824
Music	Limited to undergraduates based on application, GPA and academic progress in program determine award.	Maximum: Four years of tuition payment. Reapply annually.	No repayment obligation.	Music Department Shayne Cofer R-ShayneCofer@neiu.edu 773-442-5919

Other NEIU Tuition Scholarships

Programs	Eligibility	Description of Programs	Repayment	Office to Contact
Carruthers Center for Inner City Studies	Available for Undergraduate students admitted to NEIU through Jacob Carruthers Center for Inner city Studies. Award determined by: application, GPA, service and academic progress.	Pays tuition only.	No repayment obligation.	Carruthers Center for Inner City Studies Nakenya Walker N-Walker@neiu.edu 773-268-7500 Ext.127
El Centro	Available for Undergraduate students admitted to NEIU through El Centro Campus. Award determined by: application, GPA, service and academic progress.	Pays tuition only.	No repayment obligation.	El Centro Maria Luna-Duarte M-Duarte@neiu.edu 773-442-4084
Proyecto Pa'Lante	Available for undergraduate Proyecto Pa'Lante students. Award determined by: application, GPA and academic progress.	Pays tuition only.	No repayment obligation.	Proyecto Pa'Lante 773-442-5460

Project Success	Available for undergraduate Project Success students. Award determined by: application, GPA, and academic progress.	Pays tuition only.	No repayment obligation.	Project Success 773-442-5460
Northeastern Annual Application for 50% Undergraduate Tuition Scholarship for Children of an Illinois College or University	U.S. citizen; (Undergraduate only) The natural, adopted, foster or stepchild of an Illinois Public University employee (covered by SURS), who has been employed by one of the associated university or agency for at least 7 years. Employment must be at one of the universities mentioned in Public Act 90-0282.	Cover 50% of undergraduate tuition charges.	No repayment obligation.	Northeastern's Human Resources Office. Mary Griesinger m-griesinger@neu.edu 773-442-5202
Senior Citizens Tuition Scholarship	U.S. citizen; (Undergraduate or Graduate) Must be 65 years or over with qualifying low income.	Pays tuition only.	No repayment obligation.	Northeastern's Financial Aid Office financial-aid@neu.edu
ROTC Scholarships	U.S. citizen; (Undergraduate and Graduate) Based on merit.	Covers tuition and some fees up to four years.	No repayment obligation.	U.S. Army ROTC; University of Illinois Chicago 312-413-2358 or U.S. Air Force; Illinois Institute of Technology 312-567-3526.
Employee Tuition Scholarship	Status plus nonprobationary and provisional employees.	(Civil Service Employees that have completed probation and administrative & Professional Employees) Covers 100% of tuition and fees for full time employees up to the limit of 6 credit hours or 2 classes per semester; 3 credit hours or 1 class for 50% employees. Faculty & Administrative Support Professional (ASP)) Full time: Immediate eligibility for up to eight (8) credit hours during any one semester. Part time: immediate eligibility for up to four credit hours during any one semester.	No repayment obligation.	Northeastern's Human Resources Office. Mary Griesinger m-griesinger@neu.edu 773-442-5202
Financial Aid Office Graduate Need Based Tuition Scholarship	U.S. citizen; Graduate in degree seeking program; Must show need through the FAFSA. Must be enrolled for 6 or 9 credit hours.	Pays tuition only.	No repayment obligation.	Northeastern's Financial Aid Office financial-aid@neu.edu
Graduate Merit Tuition Scholarship	(Graduate) Must be in graduate program and have 3.00 G.P.A.	Covers tuition & fees; small stipend.	No repayment obligation.	Northeastern's College of Graduate Studies & Research or advisors in academic programs. Contact College of Graduate Studies at graduatestudies@neu.edu
Graduate Assistantships	(Graduate) Must be in graduate program and have 3.00 GPA.	Covers tuition and fees; small stipend.	No repayment obligation.	Northeastern's Graduate College or department chairperson. Information is on Graduate Website. Contact at graduatestudies@neu.edu

Cooperating Teacher Certificate	(Graduate) Certified teachers who have supervised a Northeastern student teacher in a classroom setting arranged through Office of Clinical Experiences & Student Teaching.	Covers tuition for a 3 credit hour class taken within one year of supervising a full semester student teacher or 50+ hour clinical student.	No repayment obligation.	Northeastern's Office of Clinical Experiences & Student Teaching, ext. 5350. 773-442-5346
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State Scholarships

Programs	Eligibility	Description of Programs	Repayment	Office to Contact
Minority Teachers of Illinois Scholarship (ISAC)	Undergraduate minority students (Black, Hispanic, Asian or Native American) who have not received a baccalaureate degree. Must be enrolled fulltime or accepted for enrollment in a Teacher Education program. Have a cumulative GPA of 2.50 on a 4.00 scale.	Maximum \$5,000 per year.	No repayment necessary if recipient fulfills teaching commitment (one year for each year of assistance).	ISAC 1755 Lake Cook Rd. Deerfield, IL 60015-5209 www.collegezone.com (http://www.collegezone.com) (847) 948-8500.
Illinois Police/Fire Survivor Program	(Undergraduate) Surviving children and spouses of Illinois Police/Fire officers killed in the line of duty. Must be halftime.	Covers tuition and fees.	No repayment obligation.	ISAC 1755 Lake Cook Rd. Deerfield, IL 60015-5209 www.collegezone.com (http://www.collegezone.com) (847) 948-8500.
Dependents of POW's and MIA's Scholarships	(Undergraduate and Graduate) Students who are dependents (spouse and/or children) of Illinois residents, officially declared prisoners of war, missing-in-action, killed, or 100 percent disabled since January 1, 1960.	Covers tuition and some fees.	No repayment obligation.	Northeastern's Veterans Services Office (773) 442-4028
Special Teacher Education Scholarship for High School Graduates and for Certified Teachers (ISAC)	(Undergraduate and Graduate) Limited availability to students expressing intent to take courses in preparation for teaching special education. No need analysis required.	Maximum: four years. Pays tuition and activity fees.	Repayment to state is necessary if teaching career not pursued.	ISAC 1755 Lake Cook Rd. Deerfield, IL 60015-5209 www.collegezone.com (http://www.collegezone.com) (847) 948-8500.

Other Scholarships

Programs	Eligibility	Description of Programs	Repayment	Office to Contact
Private Scholarships	(Undergraduate and Graduate) Need, merit, etc.,	The amounts vary according to the award.	No repayment obligation.	Various outside sources such as: Pullman Foundation, Ford Foundation. Refer to Northeastern's Office of Financial Aid.
Bureau of Indian Education	(Undergraduate and Graduate) Must be a Native American and show financial need.	\$500 to \$1500 or more, depending upon monies available to the bureau.	No repayment obligation.	Directly from student's tribal office or www.bie.edu/Resources/HigherEd/index.htm (http://www.bie.edu/Resources/HigherEd)

Diversifying Higher Education (Graduate) Black, Hispanic, Faculty in Illinois (DFI) Native American or Asian-American who have been accepted to a graduate program at Northeastern Illinois University. Illinois residence and U.S. citizenship required.	Provides partial and full educational stipend for students pursuing degree objectives leading to teaching or administrative position in postsecondary education.	No repayment necessary if recipient fulfills teaching or administrative obligations.	Graduate Studies and Research/ DFI Representative Nancy Wrinkle A-Wrinkle@neiu.edu]
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NEIU Foundation Scholarships and Awards

The Northeastern Illinois University Foundation annually awards thousands of dollars in scholarships and awards supported by the generous contributions of University alumni, faculty, staff and friends. Some scholarships are based on financial need. Some are merit-based, awarded to students whose ability to contribute to campus life is significant because of their academic potential or talent in a particular field. To be considered for Foundation scholarships awarded by the Scholarships Office, students should contact the Director of Scholarships. For all others, contact the specific academic departments as indicated below. Most opportunities are open to students regardless of citizenship status. For specific criteria and eligibility requirements, students may contact the individual departments or visit: <https://neiu.academicworks.com/>

Scholarships Office

- Sherman P. Appel Scholarship
- Aspire Scholarship (Specifically for undocumented students)
- Professor Bonnie B. Busse Merit Scholarship
- Berlinger Humanities Scholarship
- Brommel Determination Against All Odds Scholarships
- Brommel-Hahs-Steinberg Scholarship
- Chicago Teachers Association Scholarship
- Class Gift Scholarship
- Elvina David Scholarship
- Aixa T. Diaz Memorial Scholarship
- Rory Donnelly Family Assistance Award
- Daniel L. Goodwin – NEIU Foundation Scholarship
- Jesus Guadalupe Foundation Scholarship
- Jenny and Edward Harju Scholarship
- Harris Family Civil Service Scholar Award
- Kay Hilton Memorial Scholarship
- Jarvis Family Presidential Scholarship
- Chuck Kane College of Arts and Sciences Scholarship
- Chuck Kane Business and Management Scholarship
- Chuck Kane College of Education Scholarship
- Chuck Kane Graduate College Scholarship
- Virginia Kane Scholarship
- Albert, Ruth, and Donna Terry Katz Scholarship
- Lucille and Edward Keating Scholarship
- Mary Louise Kooyumjian Scholarship
- Mary Jane Krump Cascino Scholarship
- Sue, Mary Jane and Jacqueline Krump Scholarship
- Daniel K. Kuzuhara Hope Center Award in Psychology
- Hilton and Shirley Leibow Scholarship
- Paula M. Levy Scholarship
- Leslie W. MacDonald Scholarship
- NEIU Foundation Scholarship
- NEIU Chuck Kane Scholarship
- NEIU College of Lake County University Center Scholarship
- Bernard and Ethel Rattner Scholarship
- George Rico Presidential Scholarship in Music

- Jorge Rodriguez Scholarship
- Jerome M. Sachs Scholarship
- A.C. Shabica Memorial Scholarship
- Ronald Williams Scholarship
- The Smith Barney Mercantile Foundation Scholarship
- Greater Milwaukee Foundation Donald P. Timm Scholarship Fund
- Civil Service Scholarship
- Roberto Eugene Tirado Scholarship
- The Peace Scholarship
- The Tom Dalof Heroes Award
- Lynne E. Worsham Memorial Scholarship

black heritage committee

- Black Heritage Committee Scholarship

college of arts and sciences

- Dr. Harry N. Hild Writing Award for the College of Arts and Sciences
- Dr. Mohammad Mossedegh Leadership Fund Scholarship in the College of Arts and Sciences
- Iranian Cultural Heritage Scholarship

College of Business and Management

- Granger Foundation/College of Business & Management Scholarship
- Andrew Mihopoulos Scholarship
- Elaine Helman Award
- Dr. Hofler Scholarship in COBM
- Dr. Mohammad Mossadegh Servant Leadership Scholarship Fund in the College of Business and Management

Daniel L. Goodwin College of Education

- Dr. Olga Kaszubowski Memorial Scholarship
- Marion L. Molyneaux Scholarship
- The Lillian and Donald J. Pierce Scholarship
- Dr. Santos Rivera ENLACE Scholarship
- Mark Zinman Scholarship

Art Department

- Frank Fritzman - Hallberg Award for Art

Communication, Media and Theatre Department

- Brommel-Denson-Everson-Snell-Scholarship in Communication, Media and Theatre
- Brommel-Hanson-Ijams-Hayward Scholarship
- Brommel-Kramer-Barnitz Scholarship
- Brommel Adams Bell-Jordan Scholarship in Communications
- Brommel-Levy-Staniec Scholarship in Communication, Media and Theatre

Earth Science Department

- Andrew A. Hay Scholarship

el centro

- El Centro Endowment Fund Scholarship

Ensemble Español

- Brommel Komaiko Perez Scholarship For Ensemble Español
- Brommel Perez Scholarship For Ensemble Español

first year experience program

- Dr. Lawrence Frank FYE Award

Health, Physical Education, Recreation and Athletics Department

- Chuck Kane Health and Wellness Award
- Chuck Kane Memorial. Scholarship
- Gus Ziagos Scholarship

History Department

- Brommel-Lindberg Scholarship
- Susan E. Rosa Memorial Award for Graduate Studies

Justice Studies Department

- Keegan Noone Memorial Scholarship Fund

Literacy Department

- Mozzi Memorial Fund for Reading

Music Department

- Brommel-Barnett-Kenas-McGukin-Nicoscia Speake Scholarship
- Brommel-Ratner Scholarship
- Harold E. Berlinger Music Scholarship
- Ruth Chakos Memorial Award
- The Reverend John M. Krump Scholarship
- The John and Eva Krump Family Scholarship in Music or Art
- McGowan Scholarship in Music
- Elyse J. Mach Music Award
- Liliana Novakovich Scholarship
- Vincent Oddo Memorial Award
- Opera Piccola Award in Music
- Orvieto Musica Award
- Joan Sachs Scholarship
- Nada Spasojevich Memorial Scholarship
- Hamilton and Marilyn Viets Award in Music
- Emily Vinson Stoffa Scholarship
- Mariene Wilczynski Gill Scholarship

neiu library

- NEIU Library Award in Excellence in Research

Nontraditional Degree Programs

- Brommel-Mendelson-Henington Scholarship

Office of Alumni Relations

- Doris Vrooman Alumni Mentoring Award
- NEIU Alumni Association Internship Scholarship

Office of institutional advancement

- Student Travel Award

angeleno pedroso center for diversity & intercultural affairs

- Dean Murrell J. Higgins Duster Legacy Fund

Physics Department

- Peter Speltz Award

Political Science

- Robin Archia Prize for Service
- Shirley Castelnuovo Memorial Scholarship
- Brommel-Feigenholtz Scholarship

- Pi Sigma Alpha Theta Lambda Chapter Scholarship
- Dr. Kusol Varophas Award for Outstanding Graduate Students in Political Science

Psychology

- Peggy Condon Memorial Award

social work

- Applied Professionalism Award in Social Work

Sociology

- Vera Milam Scholarship
- Sienkowski-Sociology Scholarship

special education department

- William Ikin Children's Services Award
- Mark Zinman Scholarship

Student Center for Science Engagment

- Dr. Kathryn Edwards Award
- Dr. Lucia Rothman-Denes Scholarship

University Honors Program

- Brommel-Elliot Scholarship
- Brommel-Manganiello-Wohl Scholarship
- Brommel Brady Portakalis Scholarship

WORLD LANGUAGES AND CULTURES DEPARTMENT

- Jewell Berlinger Scholarship
- Calixto C. Masó Spanish Scholarship
- Arturo Najera Mexican American Scholarship

Student Employment

The Student Employment Office serves currently enrolled Northeastern students who are seeking part-time, seasonal, temporary and on-campus employment. Job opportunities such as these assist students in meeting college expenses and/or gaining career-related experience. All job opportunities received by the Student Employment Office are for enrolled student who have not graduated. Certain on-campus jobs, such as those funded by the Federal Work Study Program, are based on demonstrated financial need resulting from an approved financial aid application.

Other on-campus jobs (Student Aide) are open to all students who are enrolled at least half time. All jobs received by the Student Employment Office are posted online. The Student Employment Office website is found at this link: Student Employment (<http://www.neiu.edu/university-life/career-development-center/student-employment-office>) . A limited number of job openings are posted on bulletin boards just north of the entrance to the Office of Enrollment Management Services. The Student Employment Office is located in the lower level of building D, room 012, and the telephone number is (773) 442-4697.

Federal Work-Study Program

Programs	Eligibility	Description of Programs	Repayment	Office to Contact
Federal Work-Study Employment	(Undergraduate and Graduate) Enrolled full or half-time. Eligibility of students is determined by approved needs analysis methods. Must complete FAFSA. Must be enrolled in a degree program. Must file FAFSA by NEIU priority file date.	Federally funded on or off-campus employment. Off-campus employment is arranged through the Office of Student Employment with public and/or private not-for-profit agencies operating in the public interest. Includes America Reads/ Counts Tutoring Opportunities.	No repayment obligation.	Northeastern's Student Employment Office (D-012) or Northeastern's Financial Aid Office

Institutional Work Program

Programs	Eligibility	Description of Programs	Repayment	Office to Contact
Student Aide Employment	(Undergraduate and Graduate)	All enrolled students are eligible to apply for part-time on campus employment.	No repayment obligation.	Northeastern's Student Employment Office (D-024) or Northeastern's Financial Aid Office

Academics

Academics at Northeastern

Northeastern offers a rigorous academic experience tailored to your needs. We think pursuit of excellence happens best in a supportive, individualized environment. The diversity of our faculty and students means that you will benefit from both the understanding that comes from shared cultural backgrounds and the enrichment that comes from a variety of cultures.

- We have over 700 faculty with experiences from different countries.
- Our student body is the most diverse in the Midwest.
- Northeastern is a federally designated Hispanic-Serving Institution.

Academic Calendar

Academic Calendars

Fall Semester 2016

Monday, February 20, 2016 - Wednesday, August 24, 2016	Registration Begins/Ends
Thursday, August 25, 2016	Fall Semester Begins / Weekday Classes Begin
Saturday, August 27, 2016	Saturday Classes Begin
Sunday, August 28, 2016	Sunday Classes Begin
Monday, September 5, 2016	Labor Day Holiday - University Closed/No Classes
Sunday, October 8, 2016 - Tuesday, October 11, 2016	Fall Break - No Classes
Thursday, November 24, 2016 - Sunday, November 27, 2016	Thanksgiving Holiday - University Closed/No Classes
Sunday, December 11, 2016	Commencement Ceremony
Monday, December 12, 2016	Last Day of Classes
Tuesday, December 13, 2016 - Thursday, December 15, 2016	Final Examinations
Friday, December 16, 2016	Final Examinations for Friday-only Classes
Saturday, December 17, 2016	Final Examinations for Saturday-only Classes
Monday, December 19, 2016	Fall Semester Ends / Grades Due at 11:59 p.m.
Tuesday, December 20, 2016 - Sunday, January 8, 2017	Recess

Spring Semester 2017

Monday, October 24, 2016 - Saturday, January 7, 2017	Registration Begins/Ends
Monday, January 9, 2017	Spring Semester Begins / Classes Begin
Monday, January 16, 2017	Martin Luther King, Jr.'s Birthday Holiday - University Closed/No Classes
Monday, February 13, 2017	Lincoln's Birthday Holiday - University Closed/No Classes
Monday, March 20, 2017 - Sunday, March 26, 2017	Spring Break - No Classes
Monday, May 1, 2017	Last Day of Classes
Tuesday, May 2, 2017 - Thursday, May 4, 2017	Final Examinations
Friday, May 5, 2017	Final Examinations for Friday-only classes
Saturday, May 6, 2017	Final Examinations for Saturday-only Classes
Tuesday, May 9, 2017	Spring Semester Ends / Grades Due at 11:59 p.m.
Wednesday, May 10, 2017 - Thursday, May 18, 2017	Recess
TBD	Commencement Ceremony

Summer Session IA 2017 (6.5 weeks)

Monday, February 20, 2017 - Wednesday, May 17, 2017	Registration Begins/Ends
Friday, May 19, 2017	Summer Session IA Begins / Classes Begin
Monday, May 29, 2017	Memorial Day Holiday - University Closed/No Classes
Tuesday, June 27, 2017	Last Day of Classes
Wednesday, June 28, 2017 - Thursday, June 29, 2017	Final Examinations
Tuesday, July 4, 2017	Independence Day Holiday - University Closed
Wednesday, July 5, 2017	Summer Session IA Ends / Grades Due at 11:59 p.m.

Summer Session I 2017 (13 weeks)

Monday, February 20, 2017 - Wednesday, May 17, 2017	Registration Begins/Ends
Friday, May 19, 2017	Summer Session I Begins / Classes Begin
Monday, May 29, 2017	Memorial Day Holiday - University Closed/No Classes
Tuesday, July 4, 2017	Independence Day Holiday - University Closed/No Classes
Monday, August 7, 2017	Last Day of Classes
Tuesday, August 8, 2017 - Thursday, August 10, 2017	Final Examinations
Friday, August 11, 2017	Final Examinations for Friday-only Classes

Saturday, August 12, 2017	Final Examinations for Saturday-only Classes
Wednesday, August 16, 2017	Summer Session I Ends / Grades Due at 11:59 p.m.

Summer Session II 2017 (6.5 weeks)

February 20, 2017 - Wednesday, June 28, 2017	Registration Begins/Ends
Friday, June 30, 2017	Summer Session II Classes Begins
Tuesday, July 4, 2017	Independence Day Holiday - University Closed/No Classes
Tuesday, August 8, 2017	Last Day of Classes
Wednesday, August 9, 2017 - Thursday, August 10, 2017	Final Examinations
Wednesday, August 16, 2017	Summer Session II Ends / Grades Due at 11:59 p.m.
Thursday, August 17, 2017 - Wednesday, August 23, 2017	Recess

Fall Semester 2017

Monday, February 20, 2017 - Friday, March 17, 2017	Advance Registration Begins/Ends
Saturday, March 18, 2017 - Thursday, August 24, 2017	Open Registration Begins/Ends
Friday, August 25, 2017 - Thursday, September 7, 2017	Add/Drop Begins/Ends
Saturday, August 26, 2017	Fall Semester Begins / Saturday Classes Begin
Sunday, August 27, 2017	Sunday Classes Begin
Monday, August 28, 2017	Weekday Classes Begin
Monday, September 4, 2017	Labor Day Holiday - University Closed / No Classes
Saturday, October 7, 2017 - Tuesday, October 10, 2017	Fall Break / No Classes
Thursday, November 23, 2017 - Sunday, November 26, 2017	Thanksgiving Holiday - University Closed / No Classes
Monday, December 11, 2017	Last Day of Classes
Tuesday, December 12, 2017 - Thursday, December 14, 2017	Final Examinations
Friday, December 15, 2017	Final Examinations for Friday-only Classes
Saturday, December 16, 2017	Final Examinations for Saturday-only Classes
Sunday, December 17, 2017	Commencement Ceremony
Monday, December 18, 2017	Fall Semester Ends / Grades Due at 11:59 p.m.
Tuesday, December 19, 2017 - Sunday, January 7, 2018	Recess

Spring Semester 2018

Monday, October 16, 2017 - Friday, November 10, 2017	Advance Registration Begins/Ends
Saturday, November 11, 2017 - Friday, January 5, 2018	Open Registration Begins/Ends
Saturday, January 6, 2018 - Monday, January 22, 2018	Add/Drop Period Begins/Ends
Monday, January 8, 2018	Spring Semester Begins / Classes Begin
Monday, January 15, 2018	Martin Luther King, Jr. Day - University Closed / No Classes
Monday, February 12, 2018	Lincoln's Birthday Holiday - University Closed / No Classes
Monday, March 19, 2018 - Sunday, March 25, 2018	Spring Break - No Classes
Monday, April 30, 2018	Last Day of Classes
Tuesday, May 1, 2018 - Thursday, May 3, 2018	Final Examinations
Friday, May 4, 2018	Final Examinations for Friday-only classes
Saturday, May 5, 2018	Final Examinations for Saturday-only Classes
Monday, May 7, 2018	Commencement Ceremony
Tuesday, May 8, 2018	Spring Semester Ends / Grades Due at 11:59 p.m.
Wednesday, May 9, 2018 - Thursday, May 17, 2018	Recess

Summer Session 1 2018 (6.5 weeks)

Monday, February 26, 2018 - Friday, March 16, 2018	Advance Registration Begins/Ends
Saturday, March 17, 2018 - Wednesday, May 16, 2018	Open Registration Begins/Ends
Thursday, May 17, 2018 - Sunday, June 3, 2018	Add/Drop Period Begins/Ends
Friday, May 18, 2018	Summer Session 1 Begins / Classes Begin

Monday, May 28, 2018	Memorial Day Holiday - University Closed / No Classes
Tuesday, June 26, 2018	Last Day of Classes
Wednesday, June 27, 2018 - Thursday, June 28, 2018	Final Examinations
Wednesday, July 4, 2018	Independence Day Holiday - University Closed
Thursday, July 5, 2018	Summer Session 1 Ends / Grades Due at 11:59 p.m.

Summer Session 2 2018 (6.5 weeks)

Monday, February 26, 2018 - Friday, March 16, 2018	Advance Registration Begins/Ends
Saturday, March 17, 2018 - Wednesday, June 27, 2018	Open Registration Begins/Ends
Thursday, June 28, 2018 - Sunday, July 8, 2018	Add/Drop Period Begins/Ends
Friday, June 29, 2018	Summer Session 2 Begins / Classes Begin
Wednesday, July 4, 2018	Independence Day Holiday - University Closed / No Classes
Tuesday, August 7, 2018	Last Day of Classes
Wednesday, August 8, 2018 - Thursday, August 9, 2018	Final Examinations
Wednesday, August 15, 2018	Summer Session 2 Ends / Grades Due at 11:59 p.m.

Summer Session 3 2018 (13 weeks)

Monday, February 26, 2018 - Friday, March 16, 2018	Advance Registration Begins/Ends
Saturday, March 17, 2018 - Wednesday, May 16, 2018	Open Registration Begins/Ends
Thursday, May 17, 2018 - Sunday, June 3, 2018	Add/Drop Period Begins/Ends
Friday, May 18, 2018	Summer Session 3 Classes Begins
Monday, May 28, 2018	Memorial Day - University Closed / No Classes
Wednesday, July 4, 2018	Independence Day Holiday - University Closed / No Classes
Monday, August 6, 2018	Last Day of Classes
Tuesday, August 7, 2018 - Thursday, August 9; Monday, August 13, 2018	Final Examinations
Friday, August 10, 2018	Final Examinations for Friday-only classes
Saturday, August 11, 2018	Final Examinations for Saturday-only Classes
Wednesday, August 15, 2018	Summer Session 3 Ends / Grades Due at 11:59 p.m.
Thursday, August 16, 2018 - Friday, August 24, 2018	Recess

All dates are subject to change.

Registration

Student Responsibility

Each student is ultimately responsible for knowledge of, and adherence to, all University requirements and regulations, including all degree and graduation requirements. All students are strongly encouraged to meet with an academic advisor each semester, and to seek information and assistance from appropriate staff should they have any questions regarding requirements or regulations.

The Academic Year

The academic year consists of a Fall Semester, a Spring Semester, and a Summer program composed of varying term lengths. Specific dates for Fall 2016 through Summer 2018 can be found in the Academic Calendar section of the Catalog.

Registration Procedures

Currently enrolled students and students admitted or readmitted prior to the beginning of Advance Registration, may be eligible to participate in the Advance Registration process. This allows students to register for upcoming semesters based upon their student classification (master's, senior, junior, etc.) and the number of credit hours completed. Students register online via NEIUport (<http://neiuport.neiu.edu>). Detailed information regarding online registration procedures and registration dates can be found in the online Schedule of Classes (<http://www.neiu.edu/academics/registrar-services/class-schedules-and-registration>).

Eligible students who do not advance register may register online for classes during the Open Registration and Add/Drop periods. Students are responsible for viewing and/or printing their student schedule and registration fee assessment (bill) via NEIUport.

Students who fail to complete all admissions requirements, have outstanding tuition/fees or other financial obligations, receive academic or disciplinary notices, or have other holds that prevent registration must resolve the hold(s) before being permitted to register.

Credit Hour Definition

Consistent with the U.S. Department of Education (DOE) Program Integrity rules published October 29, 2010, Northeastern defines a credit hour as "an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates not less than:

- (1) One hour of classroom or direct faculty instruction and a minimum of two hours of out of class student work each week for approximately 15 weeks for one semester hour of credit, or the equivalent amount of work over a different amount of time; or
- (2) At least an equivalent amount of work as required in paragraph (1) of this definition for other academic activities as established by the institution including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours."

For traditional lecture, seminar, special topics, contract, grant, video conferencing, and temporary courses, a one credit hour class meets a minimum of 50 minutes per week, and includes 100 minutes of out of class student work totaling 150 minutes per week over the course of the semester. For example, a three credit hour class meets 150 minutes per week and requires 300 minutes out of class student work per week.

Courses such as science laboratories, music ensembles, applied music, and art studios, typically meet a minimum of 100 minutes per credit hour per week.

Thesis, master's project, independent study, tutored study, internship, practicum, fieldwork, and other individualized instruction courses must include: a) regularly scheduled contact, evaluation, and/or assessment with faculty, b) appropriate site experience and/or project activities, and c) independent work by the student, the combination of which must be equivalent to the amount of work as required in paragraph (1) of the DOE definition.

Credit hour criteria for student teaching, clinical, or practicum experience are determined in accordance with recommendations of a program's specific accrediting body or applicable state regulation. In the event that the specific accrediting body or the applicable state regulation does not meet Northeastern's credit hour policy minima, the program must obtain approval for an exemption from the University's credit hour policy from the Faculty Council on Academic Affairs and the Provost.

Northeastern's credit hour policy applies to all courses that award academic credit, regardless of the location of the course or the mode of delivery (e.g., hybrid, blended, online, etc.). Courses offered over a different period of time (i.e., half-semester courses, summer session courses, etc.) will require the same amount of classroom and out of class student work per credit hour as required of semester-long courses.

Curriculum committees and administration are charged with upholding the credit hour policy in their review and approval of all courses.

Course Numbers

A general guideline to Northeastern's course numbering system is:

- 000-099: Developmental courses. Credit does not apply towards graduation. Effective Fall 2010, grades earned in developmental courses will not be counted in the hours earned nor in the grade point average.
- 100-199: Lower-division courses usually taken during the freshman year.
- 200-299: Lower-division courses usually taken by sophomores.
- 300-399: Upper-division courses which are for advanced undergraduates and, under some conditions, graduate students.
- 400-499: Graduate-level courses only for graduate students.
- 500-599: Graduate-level courses only for graduate students.

Undergraduate students must complete a minimum of 40 semester hours at the 300-level.

Student Classification

Total Hours Earned:

Freshman	00 - 29 hours
Sophomore	30 - 59 hours
Junior	60 - 89 hours
Senior	90+ hours
Graduate	admitted to a graduate degree program
Student-at-Large	not admitted to a degree program
Student-at-Large Seeking Licensure	admitted to a licensure program.
Second Bachelor's Degree	admitted to an undergraduate degree program.

Credit Hour Load

Credit Hours Load (Overloads)

During the Fall and Spring semesters, a student may register for a maximum of 18 credit hours per semester. Graduate students in the Computer Science or Counseling (Clinical Mental Health, Community, Family, Rehabilitation, or School Counseling) programs are restricted to 12 semester hours during the Fall and Spring semesters.

During the Summer semester, a student may register for a maximum of 12 credit hours.

No student may carry a course overload during their first semester at Northeastern.

To be considered for a course overload students must:

- Have a cumulative GPA of 3.0.
- Write a petition explaining the compelling reason the overload is necessary.
- Submit the letter of petition to the appropriate college Dean or Department.

Dean of the College of Arts and Sciences

- Undergraduates who have officially declared a major or pre-major in the College of Arts and Sciences
- Undergraduates who have not yet declared a major or pre-major
- Undergraduate and Graduate Students-at-Large

Dean of the College of Business and Management

- Undergraduates who have officially declared a major or pre-major in the College of Business and Management

Dean of the Daniel L. Goodwin College of Education

- Undergraduates who have officially declared a major or pre-major in the College of Education
- Graduate Students-at-Large officially admitted to a certification program

Dean of the College of Graduate Studies and Research

- Graduates admitted to a master's degree program.

Director of Nontraditional Degree Programs

- Undergraduates officially admitted to the Bachelor of Arts in Interdisciplinary Studies program or the University Without Walls program

Prerequisite Policy

Prerequisite Policy

Some courses require that one or more prerequisites (i.e. other classes completed with certain grades, test scores, etc.) be successfully completed (or the classes in progress) before the student is allowed to register for the class. The faculty regard these prerequisites or their equivalent as a necessary foundation for student learning. It is the student's responsibility to be aware of and meet any course prerequisite(s) prior to registration.

In situations where a course prerequisite(s) cannot be met, a student may request a prerequisite waiver (override) by contacting the program that offers the course. The program must enter the override in Banner in order for the student to be able to register for the class.

Students who were permitted to register for a future semester due to "in progress" course work will be dropped from the classes for which they do not meet prerequisites if they do not successfully complete the course prerequisite(s) and if no prerequisite override exists in Banner.

Policy on First Class Session Attendance

Policy on First Class Session Attendance

Department instructors may reassign a student's seat in a class if the student does not attend the first class session, and neglects to inform the instructor in advance of the intended absence. The student will be responsible for any financial consequence if the course is not officially dropped by the student before the appropriate refund deadline. Failure to officially withdraw from a class will result in a grade of NAF/RNAF or UWF/RUWF.

Policy On Class Attendance

Policy on Class Attendance

Students are expected to attend all regularly scheduled classes and examinations. If a student has more than three unexcused absences (or one per class credit hour), the instructor may lower the student's grade, require additional work, and/or impose other sanctions as appropriate. Additional class attendance provisions may be adopted by the separate academic departments.

Concurrent Registration

Concurrent Registration

Concurrent registration for undergraduates working toward a degree at Northeastern Illinois University is permissible. Prior to enrolling at another college or university, the student must meet with their academic advisor to determine which courses are appropriate for the student's progress toward graduation.

Please refer to the Concurrent Registration Checklist for important information regarding the transferability of courses and the concurrent registration process. The checklist can be found on the Registrar Services (<http://www.neiu.edu/academics/registrar-services/forms>) page.

The final decision regarding the transferability of courses will be determined by the Office of Admissions Review and Processing when the official transcript is received.

Questions regarding concurrent registration can be directed to the Registrar Services Office at (773) 442-4039.

Dual Credit Policy

Dual Credit Policy

A dual credit course is a university course taken by a high school student for credit at both the university and the high school. The course is taken at the high school and taught by a high school teacher. The high school course must have the same content, learning outcomes, and assessment methods as the Northeastern course, and the high school teacher must meet the same academic credential requirements as an adjunct faculty member teaching at Northeastern.

The student must meet the same academic criteria prior to enrolling in the credit-bearing course as a student enrolled in the respective course at Northeastern, and he/she must complete the appropriate application materials. The student pays all appropriate university tuition and fees as designated by Northeastern's Board of Trustees.

Northeastern adheres to all policies and procedures outlined in the Higher Education Dual Credit Quality Act (110 ILCS 72).

Repeat Courses

Repeating Undergraduate Courses

Effective Summer 2008, when a student repeats an undergraduate course only the last grade earned will be used to calculate the grade point average. Courses which are repeated will only count once toward fulfilling the minimum 120 hours required for graduation. Any course that is not designated as "repeatable for credit" may be retaken by the student, typically in order to improve the grade. See "Repeated Courses" for more information.

Repeating Graduate Courses

A student can take a specific course a maximum of two times (excluding course withdrawals), unless the course is formally approved as "repeatable".

Repeatable Courses

The University offers a number of courses that use the same course prefix and number but have variable content from semester to semester. In these courses, new material is taught each semester. Students receive credit for learning new content, and the grade and semester hours earned each time count toward the student's grade point average (GPA), and total credits. These courses are referred to as "repeatable courses" or "courses that are repeatable for credit." Examples of repeatable courses can include applied music, physical education, independent study, internship, thesis research, and topics vary courses.

Permanent Pass/Fail Option

Permanent Pass/Fail Grade Option

1. The Pass/Fail option is available only to students in good standing (cannot be on academic probation) at the undergraduate level.
2. The Pass/Fail option is not allowed for General Education-Distributive Learning, developmental, Honors, tutored study, independent study, ENGL-101, and College of Business and Management courses, or a course used to fulfill a major or minor requirement.
3. Students are eligible to exercise the Pass/Fail option only after accumulating 15 hours in residency (courses taken at Northeastern).
4. Eligible students will be permitted only one pass/fail course per term. A maximum of 18 pass/fail hours, including transfer courses from other institutions, may be applied toward graduation but may not be counted toward a student's major area of concentration, minor, or General Education-Distributive Learning.
5. Declaration of the intention to select the Pass/Fail option must be made no later than the 10th day of the term by submitting a completed Pass/Fail Grade Option form to Enrollment Management Services. The decision to select the Pass/Fail option may not be changed after that date.
6. A grade of "P" will be used to indicate that the student has passed the course and a grade of "F" that the student has failed the course. This "F" will be included in the grade point average.
7. Instructors may offer courses restricted to pass/fail registration with approval from the appropriate College Educational Policy Committee, and by the Faculty Council on Academic Affairs either at the time of initial course approval or subsequently. Hours of credit carried by such a course(s) will be part of the maximum of 18 hours which have been approved for the general Pass/Fail option.

Dropping a Class/Official Withdrawal from the University

Dropping a Class / Official Withdrawal from Northeastern

Students must take the appropriate action in order to update their enrollment record. Consult the online Schedule of Classes (<http://www.neiu.edu/academics/registrar-services/class-schedules-and-registration>) for refund policies and deadline dates.

Unofficial withdrawal from a course and/or University will result in a grade of either "NAF"/"RNAF" or "UWF"/"RUWF" being assigned.

Students who completely withdraw from the University must return all borrowed books to the Library, pay any fines due and clear all outstanding accounts at the University.

English (Writing and Reading) and Mathematics Course Placement Policy

Testing Services - Placement Testing Policy

The placement testing policy requires entering and some re-entering students to take the following examinations except where stated exemption conditions have been met. ACT score validity (age of scores and requirements for submission) is defined by University guidelines.

Math Placement Test

All entering freshmen are given two options for placement into a math course: ACT Math score or the Math Placement Test (MPT). Freshmen who submit ACT scores to the University can be placed directly into a math course solely based on their ACT math score. They also have the option of taking the Math Placement Test (MPT), in which case the university will use the higher of the two scores for placement into a math course. Since there is no penalty to take the MPT, freshmen are strongly encouraged to do so, particularly if they took a math course in their senior year of high school.

All newly admitted and readmitted students who do not submit their ACT Math scores are required to take the Mathematics Placement Test with the exception of the following:

1. Transfer students who have earned a grade of "C" or better in a course equivalent to Intermediate Algebra II (MATH-092);
2. Transfer and readmitted students who have met the Math/Quantitative Reasoning Requirement; or
3. Students with a score of three or higher on the Advance Placement (AP) Calculus Test.

Reading Placement Test

No entering student may register for a Reading course before taking the Reading Placement Test. Students who submit their valid ACT Reading scores will be exempt from taking the Reading Placement Test and from taking READ-115 or READ-116 if they have a score of 20 or greater.

Writing Placement Test

No entering student may register for an English or English Language Program course before taking the Writing Placement Test. Transfer students who do not transfer a course equivalent to ENGL-101 must take the English Placement Test. Students who transfer a course equivalent to ENGL-101 with a grade below "C" also must take the English Placement Test.

Visitor/Auditor

Auditor/Visitor Registration Status

A student who wishes to audit courses must obtain the written permission of the instructor (permission of the Department Chair for College of Business and Management courses), register in the regular manner, and pay the same tuition and fees charged to students earning credit in the same course. The approved written request to audit the course must be submitted to the Registration Office in Enrollment Management Services by the date published in the current Schedule of Classes (<http://www.neiu.edu/academics/registrar-services/class-schedules-and-registration>) . Once the student has enrolled as an auditor in a course, he/ she may not change registration to earn credit. The grade issued for an audited course is "V" (Visitor).

Student Departure for Military Service

Student Military Leave Policy

The call to active duty presents an extreme hardship upon students. In an effort to assist those students who are called to active duty, Northeastern Illinois University has established the following policy.

Northeastern Illinois University students who are members of the National Guard, Reserves, ROTC, or active United States military and who are called to active or inactive duty (i.e., drill, annual training, flight training periods, active duty for special work, readiness management assembly, Title 32, etc.) or who require medical treatment for service-related conditions will not receive any academic penalty for that service or treatment.

Within ten days after a student is notified that he/she has been called to duty, or needs to return for medical treatment (including travel time to/from the duty or treatment), he/she needs to inform his/her instructors that he/she will be absent. The Veterans Services office must also be notified.

Staff in the Veterans Services Office will work with the instructors to help the student in one of the following ways:

1. A student who will be absent for one to three weeks will be allowed to make up any missed work within a reasonable time frame without penalty to his/her grade. The student is required to present proof of training schedule, official orders or letter from the member's unit to the Veterans Services office. In cases of a medical treatment, the student must present a signed document from the VA physician, social worker, or other qualified individual indicating that an absence should be excused. The Veterans Services Office will contact each instructor and obtain the requirements for course completion. The requirements will be sent to the student and kept on file.
2. A student who is activated for more than three weeks will have three options from which to choose.
 - a. If, according to the faculty member's judgment, the student's performance allows for the course instructor to award a letter grade consistent with the student's performance in the class, then the faculty member may do so as long as the instructor and the student both agree.
 - b. If the faculty member deems a letter grade is not appropriate, an incomplete ("I") can be assigned. A student choosing to receive an incomplete grade will receive instructions on what work needs to be completed for a letter grade to be entered at a later date in accordance with the University's Incomplete Grade policy. The student is required to present proof of training schedule, official orders or letter from the member's unit to the Veterans Services office. In cases of a medical treatment, the student must present a signed document from the VA physician, social worker, or other qualified individual indicating that an absence should be excused. The Veterans Services Office will then contact each instructor and obtain the requirements for course completion. The requirements will be sent to the student and kept on file.
 - c. A student choosing to withdraw will be administratively withdrawn from his/her classes and will receive "W" grades for those classes. The student will receive a full credit to his/her account for tuition and fees for that semester. If, however, the student is covered by NEIU's health insurance plan and has outstanding claims for that semester, the student will remain responsible for the health insurance fee and it will not be credited to his/her student account. Students who are called to active duty will not be subject to financial aid and/or satisfactory academic progress standards for the withdrawal term.

Re-entry into the University and Re-enrollment in Dropped Course(s)

When a student is ready to re-enroll, the student should contact the Veterans Services Office for assistance with re-entering the University. A new application for admissions will not be necessary; however, the student will complete a re-entry form so that the University has the most up-to-date information on the student. Upon re-entry, the student will be granted a priority registration status over other students seeking to enroll in the course(s) the student dropped due to the military leave.

Enrollment Verification

Enrollment Verification

When verifying enrollment for purposes of loan deferment, Social Security eligibility, etc., the University reports enrollment status in the following manner:

Enrolled Hours: Fall and Spring Semesters

Undergraduate

Full-time: 12+

3-quarter-time: 9 to 11.99

Half-time: 6 to 8.99

Less-than-half-time: .5 to 5.99

Graduate

Full-time: 9+

3-quarter-time: 7 to 8.99

Half-time: 6 to 6.99

Less-than-half-time: .5 to 5.99

Enrolled Hours: Summer Semester

Undergraduate

Full-time: 12+

3-quarter-time: 9 to 11.99

Half-time: 6 to 8.99

Less-than-half-time: .5 to 5.99

Graduate

Full-time: 9+

3-quarter-time: 7 to 8.99

Half-time: 5 to 6.99

Less-than-half-time: .5 to 4.99

1. The student's status is determined by the total number of enrolled summer hours.
2. Dates of attendance will be reported using the beginning and ending dates of the specific summer session or sessions the student is taking classes.

Note: Enrollment verification for Second Bachelor's Degree students will be based on undergraduate criteria as stated above.

Major/Minor Declaration

Declaring a Major, Pre-Major, or Minor

Northeastern requires all undergraduate students to declare a major by the time they have earned a total of 45 credit hours.

Students intending to major in business, education or social work can declare a “pre-major” until the program admission requirements to the College of Business and Management, the Daniel L. Goodwin College of Education, or the Department of Social Work are met.

Declaring a Major or Pre-Major

The Undergraduate Major/Minor Declaration form must be completed to declare a major or pre-major, to declare a minor or concentration, or to make any changes to previously declared majors, pre-majors, minors, or concentrations. The procedure is as follows.

1. Obtain the Undergraduate Major/Minor Declaration form online, from Enrollment Management Services, or your academic program.
2. Obtain the necessary signatures, and submit the form to Enrollment Management Services.

In most cases, students may follow this procedure at any time throughout the school year. Please check with the major department for specific deadlines.

Students who double major in both the Bachelor of Arts in Interdisciplinary Studies (BAIS) program and another major will have the BAIS program listed as their primary major, and this major will display on the student's diploma. Both majors will appear on the student's transcript.

Area of Study in Addition to the Major

Undergraduate students are not required to have a minor, with the following exceptions:

- A student in the College of Arts and Sciences who majors in Biology, Chemistry, Earth Science, or Physics must complete a required set of cognate courses in other sciences and mathematics.
- A student in the College of Business and Management must complete a required set of cognate courses in the Business and Management core in addition to courses for the major.
- Some majors in the College of Education require a minor. Students should refer to the section of the Academic Catalog which details the requirements for each major to determine if a minor or a set of cognate courses is required.

Residency Status

Residency Status

For the purpose of this regulation an “adult” is considered to be a student 18 years of age or over; a “minor” student is a student under 18 years of age. The term “the State” means the State of Illinois. Except for those exceptions clearly indicated in this regulation, in all cases where records establish that the person does not meet the requirements for resident status as defined in this regulation, the nonresident status shall be assigned.

Residency Determination

Evidence for determination of residence status of each applicant for admission to the University shall be submitted to the Admissions Office at the time of application for admission. A student may be reclassified at any time by the University upon the basis of additional or changed information. However, if the student is classified in error as a resident student, the change in tuition shall be applicable beginning with the term following the reclassification; if the student is classified in error as a nonresident, the change in tuition shall be applicable to the term in which the reclassification occurs, provided the student has filed a written request for a review in accordance with this regulation.

Adult Student

An adult, to be considered a resident, must have been a bona fide resident of the state for a period of at least 6 consecutive months immediately preceding the beginning of any term for which he/she registers at the university, and must continue to maintain a bona fide residency in the state, except that an adult student whose parents (or one of them if only one parent is living or the parents are separated or divorced) have established and are maintaining a bona fide residence in the state and who resides with them (or the one residing in the state) or elsewhere in the state will be regarded as a resident student.

Minor Student

The residence of a minor shall be considered to be, and to change with and follow:

1. That of the person's parents, if they are living together, or living parent, if one is dead ; or
2. if the parents are separated or divorced, that of the parent to whom the custody of the person has been awarded by court decree or order, or, in the absence of a court decree or order, that of the father unless the person has continuously resided with the mother for a period of at least six consecutive months immediately preceding his/her registration at the university, in which latter event the person's residence shall be considered to be that of his/her mother; or
3. that of the adoptive parents, if the person has been legally adopted and, in the event the adoptive parents become divorced or separated, that of the adoptive parent whose residence would govern under the foregoing rules if that parent had been a natural parent; or
4. that of the legally appointed guardian of the person if the minor resides with such guardian; or
5. that of a “natural” guardian, such as a grandparent, adult brother or adult sister, adult uncle or aunt, or other adult with whom the person has resided and has been supported by for a period of at least six consecutive months immediately preceding his/her registration at the university for any term if the person's parents are dead or have abandoned him/her and if no legal guardian of the person has been appointed and qualified.

Parent or Guardian

Except as provided in paragraph 10 of this regulation, no parent or legal or natural guardian will be considered a resident of the state unless the parent or guardian (a) maintains a bona fide and permanent place of abode within the state, and (b) lives within the state, except when temporarily absent from the state, with no intention of changing his/her legal residence to some other state or country.

Emancipated Minor

If a minor has been emancipated, is completely self-supporting, and actually resides in the state, the minor shall be considered to be a resident even though his/her parent or guardian may reside outside the state. An emancipated minor who is completely self-supporting shall be considered to “actually reside in the state of Illinois” if he/she maintained a dwelling place within the state uninterrupted for a period of at least 12 consecutive months immediately preceding the beginning of any term for which he/she registers at the university. Marriage or active military service shall be regarded as effecting the emancipation of minors, whether male or female, for the purposes of this regulation. An emancipated minor whose parents (or one of them if only one parent is living or the parents are separated or divorced) have established and are maintaining a bona fide residence in the state and who resides with them (or the one residing in the state) or elsewhere in the state will be regarded as a resident student.

In-State Tuition for Individuals from Bordering States

Beginning Fall 2015, incoming freshmen, transfer and graduate students from neighboring states will be assessed in-state tuition rates. Students will qualify if they reside in Indiana, Wisconsin, Michigan, Iowa, Kentucky or Missouri.

Armed Forces Personnel

Beginning Fall 2015, an incoming freshman, transfer, or graduate student who is an active member of the United States Armed Forces or who is an honorably discharged veteran, regardless of state residency, will qualify for in-state tuition. This policy also applies to the spouse and dependent children of active duty military and veterans.

Persons without United States Citizenship

A person who is not a citizen of the United States of America, to be considered a resident must have approved permanent resident status with the United States Citizenship and Immigration Services or a visa that allows applicant to stay in the United States indefinitely. They must also meet and comply with all of the other applicable requirements to establish resident status.

Effective Fall 2003 and thereafter, in accordance with 110 ILCS 680/25-88 of the Illinois General Assembly, students with an undocumented status may be eligible for in state tuition if all conditions of HB0060 are met. For more information, please contact the Admissions Office at (773) 442-4000.

Marriage of Students

1. If a resident student marries a nonresident, then the resident student shall continue to be classified as a resident unless the student requests reclassification to a nonresident status.
2. If a nonresident student marries a resident, then the nonresident student shall continue to be classified as a nonresident unless the student executes a declaration of residency, in such form as may be prescribed by the Admissions Office and requests reclassification to resident status.

Minor Children of Parents Transferred Outside the United States

The minor children of persons who have resided in the state for at least 12 consecutive months immediately prior to a transfer by their employers to some location outside the United States shall be considered residents. However, this shall apply only when the minor children of such parents enroll in the University within five years from the time their parents are transferred by their employer to some location outside the United States.

Staff Members of the University, Allied Agencies, and Faculties of State-Supported Institutions in Illinois

Staff members of the university and of allied agencies, and faculties of state-supported institutions of higher education in Illinois, holding appointment of at least one-quarter time, and their spouses and dependent children, shall be treated as residents.

Teachers in Public and Private Illinois Schools

Teachers in the private and public elementary and secondary schools in Illinois shall, if subject to the payment of tuition, be assessed at the resident rate during the term in which the staff member or teacher holds such an appointment at least one-quarter time. This privilege also extends to the summer session or off-term vacation immediately following the term for which such appointment was effective.

Definition of Terminology

To the extent that the terms "bona fide residence," "independent," "dependent," and "emancipation," are not defined in this regulation, definitions shall be determined by according due consideration to all of the facts pertinent and material to the question and to the applicable laws and court decisions of the state of Illinois.

Voter registration, filing of tax returns, proper license and registration for the driving or ownership of a vehicle, and other such transactions may verify intent of residence in a state. Neither length of university attendance nor continued presence in the university community during vacation period shall be constructed to be proof of Illinois residence.

The term "staff member" as used in this regulation shall mean a person appointed to an established position for specific amount of time at a salary commensurate with the percentage of time required, under an appointment requiring service for not less than three-fourths of the term. The term "staff member" as defined herein shall not apply to persons employed on an hourly basis in either an academic or non-academic capacity, nor to persons on leave without pay. Persons appointed to established civil service positions, whose rate of pay is determined by negotiation or prevailing rates, shall not be considered as being paid on an hourly basis.

Procedure for Review of Residency Status

A student who takes exception to the residency status assigned and/or tuition assessed shall pay the tuition assessed but may file a written petition to the Residency Review Committee for a reconsideration of residency status and/or an adjustment of the tuition assessed. The written claim for reconsideration of residency status must include three documents which indicate the student's address within Illinois and dated at least 6 months prior to the beginning of the term for which an adjustment is requested. Acceptable documents include voter registration card, tax return, state ID or driver's license, bank statement, credit card bill, utility bill, lease/rental agreement, and insurance document. The written claim must be filed within 30 calendar days from the date of assessment of tuition or the date designated in the official university calendar as that upon which instruction begins for the academic period for which the tuition is payable, whichever is later, or the student loses all rights to a change of status and/or adjustment of the tuition assessed for the term in question. An official decision is typically communicated within 2 to 3 weeks, and the decision of the Residency Review Committee is final.

Residency Review Committee
c/o Enrollment Management Services (D-101)
5500 N. St. Louis Ave
Chicago, IL 60625

Grading and Transcripts

Grading and Transcripts

Northeastern is on a 4.0 grading scale, i.e., each credit hour of "A" equals 4 grade points. An "A" earned in a 3 credit hour course generates 12 grade points.

The student's grade point average (GPA) is calculated by total number of grade points earned divided by total number of credit hours earned. Credit hours for courses in which a "F" is earned are used to calculate the grade point average. Transfer hours and courses in which a "P" grade is earned are not used to calculate the grade point average.

Grading System

Definition and Explanation of Grading System

Grade	GPA
A	Completion of course requirements in an outstanding manner, reflecting a degree of accomplishment that is exceptional. 4
RA	Used for developmental courses only. Grade is not counted in hours earned nor in grade point average.
B	Completion of course requirements in an entirely acceptable manner, demonstrating an excellent grasp of the subject matter, and the likelihood of successful completion of further courses in the same area. 3
RB	Used for developmental courses only. Grade is not counted in hours earned nor in grade point average.
C	Completion of the course requirements in an acceptable manner, reflecting a basic understanding of the subject matter of the course and the possibility of successful completion of further courses in the same subject area. 2
RC	Used for developmental courses only. Grade is not counted in hours earned nor in grade point average.
D	Fulfillment of the minimum performance requirements prescribed by the instructor, but not in such a manner that higher level courses in the same area can be recommended. 1
RD	Used for developmental courses only. Grade is not counted in hours earned nor in grade point average.
F	Failure to demonstrate acceptable competence in the subject matter of the course, and/or failure to fulfill the requirements of the course. 0
RF	Used for developmental courses only. Grade is not counted in hours earned nor in grade point average.
I	Incomplete. Allows for an additional amount of time to complete a course, given at the discretion of the instructor per the Incomplete Grade Policy.
HP	High Pass. Outstanding academic progress on the thesis, an outstanding defense of the thesis, or an outstanding thesis. Credit is awarded, but the credit hours are not used to calculate the grade point average. (Used for graduate-level thesis courses only.)
P or Pass	Pass. Credit is awarded, but the credit hours are not used to calculate the grade point average. Also listed as Pass. At the graduate level, represents satisfactory academic progress on the thesis, a satisfactory defense of the thesis, or a satisfactory thesis.

NP	No Pass. Student has not made satisfactory academic progress on their thesis or their thesis does not meet the academic standards of the program. (Used for graduate-level thesis courses only.)	
V	Visitor/Auditor. Enrollment for no credit, no grade; not convertible to letter grade, nor applicable toward graduation credits.	
W	Withdrawal. Student withdraws after the Add/Drop registration period through the last day to officially withdraw.	
NAF	Never Attended Failure. Failure due to never attending, and not officially withdrawing from a course.	0
RNAF	Never Attended Failure. Used for developmental courses only. Failure due to never attending, and not officially withdrawing from a course.	0
UWF	Unofficial Withdrawal Failure. Failure due to not completing and not officially withdrawing from a course.	0
RUWF	Unofficial Withdrawal Failure. Used for developmental courses only. Failure due to not completing and not officially withdrawing from a course.	0
X	Grade not submitted by instructor.	

Grade Change Limitation

There is a time limit of one calendar year for any changes in letter grades. Grades assigned prior to the recording of a degree cannot be changed after the degree has been awarded.

Incomplete Grade Policy

Incomplete Grade Policy

An Incomplete ("I") grade is temporary and exceptional, and can be given only to students whose completed coursework has been qualitatively satisfactory but who have been unable to complete all course requirements because of illness or other circumstances beyond their control. An "I" grade is not to be awarded in place of a failing grade or when the student is expected to attend additional class meetings or to re-register to complete the course requirements. Additionally, an "I" grade is not a means for the student to raise his/her grade by doing additional work.

A request for an "I" grade must be made by the student to the faculty member before the last official day of the semester or term. The faculty member retains the right to make the final decision on granting a student's request for an "I" providing the student meets the provisions above, even though the student may meet the eligibility requirements for this grade. Students have up to one semester, excluding summer, to complete the work.

It is the responsibility of the student to complete and submit the remaining coursework before the assigned deadline. The faculty member will submit a grade change converting the "I" to a letter grade by or before the last day of the semester in which the outstanding coursework is to be completed. If the student does not meet the deadline, the "I" will be converted automatically to a final grade of an "F". Since the "I" grade is temporary, faculty may not issue a terminal "I" grade.

Upon receipt of the grade change, the Registrar Services Office will post the grade to the student's record and recalculate the GPA. Although students have up to one semester, excluding summer, to complete the work to change the grade of Incomplete, the student's academic standing will be reassessed only if the grade change is received by the Friday of the first full week of the semester immediately following the one in which the "I" grade was assigned.

Students will not be allowed to graduate with "I" grades on their records.

Extension of an Incomplete Grade

A request to extend the assigned deadline must be put in writing to the appropriate academic dean before the assigned "I" grade becomes a failing grade. The request must provide the reason as to why a deadline extension is requested, along with including appropriate documentation (e.g. medical documentation, etc.). A letter of support from the faculty member that includes a new deadline date is also required. The Dean or his/her designate will make the appropriate decision at his/her discretion and reply in writing to the student, faculty member, and the University Registrar within 14 working days. Requests that extend beyond one calendar year from the time the incomplete grade was assigned will not be honored.

These policies apply to "I" grades given in the Fall 2016 semester or later.

Academic Standings

Academic Standards: Warning, Probation, Dismissal, and Reinstatement

Academic Standing

Northeastern Illinois University is committed to helping students achieve their educational goals. At Northeastern, there are four distinct classifications of academic standing, which are reviewed each semester and which are reflected on a student's permanent academic record or transcript:

- Good Standing (All students begin the University in Good Standing.)
- Academic Probation
- Continued on Academic Probation
- Dismissed

There is an additional classification of academic standing that is reviewed each semester, but is not reflected on an undergraduate student's permanent academic record or transcript:

- Academic Warning

Many factors (academic, personal, social, financial, etc.) can impact students' academic performance. These classifications are designed to identify whether students are succeeding academically, and whether they would benefit from support services to maintain or regain Good Standing.

In addition to this Academic Standing Policy, students who receive financial aid are required to maintain Satisfactory Academic Progress.

Undergraduate Students

Good Standing

A student must maintain a minimum cumulative grade point average (GPA) of 2.0 to be classified in Good Standing. The cumulative GPA is computed on the basis of credit earned at Northeastern Illinois University only. Courses at the 100-level and higher count towards a student's cumulative GPA. Courses that begin with "0" are developmental courses, and do not count towards the cumulative GPA. The classification of Good Standing will appear on a student's transcript.

Students must maintain at least a 2.0 cumulative GPA to graduate, although some academic programs require a cumulative GPA higher than a 2.0 to graduate.

Academic Warning

Academic Warning is designed to alert a student that she or he needs to work to regain Good Standing. Academic Warning occurs when a student's current term GPA is below 2.00, and the student's cumulative GPA is 2.00 or above. Students on Academic Warning are expected to see their advisors frequently, and to seek support from other University resources. The classification of Academic Warning will not appear on a student's transcript.

Academic Probation

Academic Probation occurs when a student's cumulative GPA falls below 2.0. The student will return to Good Standing when the cumulative GPA is 2.0 or higher. The classification of Academic Probation will appear on a student's transcript.

Each student placed on academic probation will be expected to take the following actions:

- Schedule a meeting with an advisor within one week of notification.
- Meet with an advisor within two weeks of notification, and create a personalized achievement and success strategies (PASS) plan.
- Meet at least three times per semester with the advisor, and provide updates on the PASS plan. Faculty are encouraged to use AdvisorTrac for reporting these updates.
- Utilize appropriate University and community support services.

Continued on Academic Probation

The classification of Continued on Academic Probation occurs when a student has been placed on Academic Probation during a semester, and during the next semester the student 1) does not have a cumulative GPA of at least 2.00, and 2) earns at least a 2.0 average for the semester. The classification of Continued on Academic Probation will appear on a student's transcript.

In this situation, the student will be permitted to continue on academic probation. The student is expected to continue to take the following actions:

- Meet at least three times per semester with the advisor to provide updates on the PASS plan. Faculty are encouraged to use AdvisorTrac for reporting these updates.
- Utilize appropriate University and community support services.

Dismissed

A student is Dismissed from the University when she or he is on Academic Probation (or Continued on Academic Probation), and fails to raise the cumulative GPA to at least 2.00, and fails to earn at least a 2.00 semester GPA. The classification of Dismissed will appear on a student's transcript.

An entering freshman student who only receives F, RF, NAF, RNAF, UWF, and RUWF grades resulting in a 0.00 GPA at the end of his/her first semester will be dismissed from the University, without previous warning, at the end of that semester.

Student Success Programs

Exceptions to the Academic Standards policy will be made for students who have been admitted into the Student Success Programs and who have signed Achievement Agreements. Student Success programs include Project Success, Proyecto Pa'Lante, El Centro Scholars, CCICS Allstars, and Wentworth Scholars.

A student in one of the Student Success Programs who is successfully complying with the requirements of the Achievement Agreement will be subject to the above academic standards after three continuous semesters in his/her program; summers shall not count as semesters unless a student is enrolled for the summer. Academic standing status is reviewed at the end of the third consecutive semester after enrollment in the program.

A student in one of the Student Success Programs who is not successfully complying with the requirements of the Achievement Agreement will be removed from his/her Student Success Program and be subject to the same academic standards as a student who is not in a Student Success Program.

If, however, the student had an Admission Decision Score (ADS) of between 550 and 648, he/she will be dismissed at the end of the semester as opposed to being placed on academic probation.

University Without Walls (UWW) Program

Students enrolled in the University Without Walls program shall be exempt from being placed on academic probation or being dismissed during the first 12 credit hours of formal course work taken at Northeastern. If a UWW student takes more than 12 hours of formal credit, the normal University academic regulations will apply. The above policy has no bearing on transfer credits, or on any formal course work not completed at Northeastern.

Undergraduate Students-at-Large

Undergraduate students-at-large will be dismissed if, upon completion of four courses, they have less than a 2.0 (on a 4.0 scale) cumulative GPA, and have not maintained a term GPA of 2.0 or better.

Reinstatement

An undergraduate student who has been dismissed may petition to the Academic Standards Committee for reinstatement after one semester. If the petition is granted, the reinstated undergraduate student will be on academic probation and will be subject to the standards for a student on Continued on Academic Probation as detailed in the preceding paragraph. Undergraduate students who have been dismissed a second time may be eligible for reinstatement to the University through the petition process.

A petition (written letter, university admissions application, and nonrefundable application fee) addressed to the Academic Standards Committee must be submitted to the University Registrar no later than July 15 for the Fall semester, November 15 for the Spring semester, or March 15 for the Summer semester in order to be considered for reinstatement.

The Academic Standards Committee is responsible for all policies governing the academic probation, dismissal and reinstatement of undergraduate students, and will recommend action to the Provost. Decisions of the Provost shall be final in all cases.

Graduate Students

To remain in good academic standing, a graduate student must maintain a minimum cumulative GPA of 3.0. In addition, a graduate student in a degree or certificate program must make satisfactory progress toward his/her degree or certificate. A student must be in good academic standing to graduate.

Academic Probation

A graduate student whose cumulative GPA falls below 3.0 will be placed on academic probation. If, in subsequent terms, the student earns grades that restore his/her cumulative GPA to 3.0 or above, he/she will be returned to good academic standing. If a student needs to be placed on academic probation for a third time after he/she returned to good academic standing in two previous probation instances, he/she will be dismissed. A student whose cumulative GPA falls below 2.0 will be dismissed without academic probation. A student who is on academic probation and who does not restore his/her cumulative GPA to 3.0 in subsequent terms will be permitted to remain on academic probation as long as he/she earns at least a 3.0 GPA for the term. If, in any subsequent term, the student on academic probation fails to earn a 3.0 GPA for the term, he/she will be dismissed.

Dismissal

A graduate student may be dismissed from his/her program for the following academic reasons: sub-standard GPA (see Academic Probation policy); failure to make satisfactory progress toward completion of his/her program; or receiving more than six credit hours of unsatisfactory grades (C, D, or F). A student may also be dismissed as a consequence of acts of academic misconduct (see the University Code of Conduct).

To avoid dismissal, a student who has experienced extenuating circumstances may meet with his/her program advisor to request development of a plan outlining the course of action the student must follow to return to good academic standing. This plan must be approved by both the program and the

Dean of the College of Graduate Studies and Research or the Dean's designee. Failure to meet the terms of this plan may not be appealed and will result in dismissal.

Viewing Semester Grades

Viewing Semester Grades

Semester grades will only be available for students to view via NEIUport (<http://neiuport.neiu.edu>) within two days after the deadline for faculty to submit grades. Grades are not mailed.

Consult the Academic Calendar section of this catalog for information on when grades are due each term.

Grade Appeals

All students have a legitimate right to seek redress when they consider their final grade in a course to be unreasonable, unjust, or capricious. This grade appeal procedure shall be initiated during the term immediately following issuance of the grade in question; in cases involving special and unusual circumstances, this time period may be reasonably extended.

For the complete policy, please click here (http://catalog.neiu.edu/archive/2016-2017/policies/grade_appeal) .

Transcripts

Official Transcripts

Students may request an official copy of their transcript. Transcripts can be either mailed or sent electronically. Please review the Registrar Services Office (<http://www.neiu.edu/academics/registrar-services>) web page for fee information and ordering instructions.

Students who have a financial obligation to the University may not receive official or unofficial transcripts until the debt has been cleared.

Graduation Requirements

Graduation Requirements

Each student is ultimately responsible for knowledge of, and adherence to, all University requirements and regulations, including all degree and graduation requirements. All students are strongly encouraged to meet with an academic advisor each semester, and to seek information and assistance from appropriate staff should they have any questions regarding requirements or regulations.

Catalog Year

Catalog Year

Undergraduate Students

An undergraduate student's catalog year is the academic year when the student is first enrolled in an undergraduate degree program. Catalog year is not affected by a student declaring his/her major or minor. A re-admitted student is subject to the catalog year requirements based on the semester of his/her re-admission (see Inactivation/Re-admission Policy).

Graduate Students

A graduate student's catalog year is the academic year when the student is first enrolled after being admitted to a graduate program. A student's catalog year is not affected while the student is on an approved leave of absence. A re-admitted student is subject to the catalog year requirements based on the semester of his/her re-admission (see Inactivation/Re-admission Policy).

Change of Catalog Year

An active student may change his/her catalog year to a succeeding catalog if it is to the student's benefit. A completed Change of Catalog Year form should be submitted to Enrollment Management Services to update the student's record.

Bachelor's Degree

Bachelor's Degree Graduation Requirements

Refer to your Academic Catalog (<http://www.neiu.edu/academics/academic-catalog>) for specific graduation and degree requirements.

Total Credits

Undergraduate students must earn a minimum of 120 semester hours, of which 40 semester hours must be at the 300-level, to be eligible to graduate from Northeastern.

Residency

Undergraduate students must earn at least 30 semester hours at Northeastern Illinois University. Bachelor of Arts in Interdisciplinary Studies (BAIS) and University Without Walls (UWW) students must earn at least 24 semester hours at Northeastern.

Grade Point Average

To be eligible to graduate, undergraduate students and second bachelor degree students must have a minimum cumulative 2.0 GPA (overall "C" average). Some academic programs and departments have other specific grade requirements. Check with your academic advisor.

Academic College or Nontraditional Degree Programs

All undergraduates must also satisfy the requirements of their individual college (College of Arts and Sciences, College of Business and Management, College of Education) or the Nontraditional Degree Programs.

Academic Major and Minor

Undergraduate students must complete a major. Some majors require a minor or set of cognate courses. Students should refer to the section of the Catalog which details the requirements for each major to determine if a minor or a set of cognate courses is required. Students must earn a grade of "C" or higher in all courses counted toward the major, the minor, cognate, and professional sequences. No "P" grades will count toward a major, minor, or cognate courses. All grade point average requirements must be met for the successful completion of a program of study.

General Education-Distributive Learning Program

All undergraduate students must complete the General Education-Distributive Learning Program requirements, which includes coursework in Fine Arts, Humanities, Natural Sciences, and Social/Behavioral Sciences. Refer to the General Education-Distributive Learning section of the Academic Catalog for more information.

University Core Curriculum (UCC) Requirements

In addition to the General Education-Distributive Learning requirements, all undergraduate students must complete three Engaged Learning Experiences (ELE) courses, designated as Boundary Crossing (ELE-X) and Discipline Specific (ELE-DS), to satisfy the University Core Curriculum requirements.

At least one of the UCC courses must be at the 300-level, and at least one must be designated as a "Boundary Crossing" course. A list of approved classes that satisfy the Engaged Learning Experiences requirements is available in the Schedule of Classes.

English Composition Requirement

All students must successfully complete ENGL-101 or its equivalent, with a grade of "C" or better. This requirement should be completed within the first 30 credit hours at Northeastern in order to ensure that students have the necessary writing skills to complete their studies.

Writing Intensive Requirement

All students must successfully complete a writing intensive (WIP) course of at least 3 credit hours within their discipline. This requirement cannot be fulfilled with transfer credit. Students should check with an academic advisor or the Center for Academic Writing to determine which WIP course(s) may fulfill this requirement for their major.

Math/Quantitative Reasoning Requirement (MA)

One course, 3 credit hours math/quantitative reasoning course that has Intermediate Algebra as a prerequisite. Any 3 semester hour college level math course, beyond Intermediate Algebra, meets this requirement. No grade of "D" is allowed to satisfy the Mathematics/Quantitative Reasoning requirement. This requirement should be completed within the first 30 credit hours at Northeastern in order to ensure that students have the necessary mathematics skills to complete their studies.

See the General Education-Distributive Education Program List of Approved Courses in the current Schedule of Classes for courses that satisfy this requirement. Students can also fulfill the Math/Quantitative requirement in one of the following ways:

1. Transfer credit with a grade of "C" or better in any math course College Algebra level or higher.
2. A minimum score of 35 on the Northeastern mathematics placement test, a score of three or higher on the Advanced Placement (AP) calculus test (pre-Fall 2014), a minimum score of 31 on the Northeastern Accuplacer College mathematics placement test (Fall 2014 and later), a Math ACT score of 25 or higher, or a comparable SAT score.

3. An Associate of Arts (A.A.) or Associate of Science (A.S.) degree from a community college meeting the standards of the 1991 Illinois Community College Board model General Education curriculum in Mathematics or completion of the Illinois Articulation Initiative's General Education Core curriculum after transferring to Northeastern Illinois University.
4. Completion of one of the majors or minors listed below will automatically fulfill the Math/Quantitative Reasoning requirement.

College of Arts and Sciences

Biology major
Chemistry major
Computer Science (major or minor)
Earth Science major
Environmental Science (major)
Physics (major or minor)
Economics (major or minor)
Mathematics (major or minor)
Psychology major

College of Business and Management

Accounting (major or minor)
Finance (major or minor)
General Business Administration major
International Business minor
Marketing (major or minor)
Management (major or minor)

Improving Human Relations Requirement

Illinois Bill 110 ILCS 205/9.21 requires that "each public institution of higher education to include, in the general education requirements for obtaining a degree, course work on improving human relations to include race, ethnicity, gender and other issues related to improving human relations to address racism and sexual harassment on their campuses, through existing courses." The General Education Program includes course work on improving race and ethnic relations. The current Class Schedule will identify the list from which the students will choose a course that satisfies the Improving Human Relations requirement. Students who complete one of the following programs of study have met the requirement:

Anthropology (major or minor)
Bilingual/Bicultural Education (major)
Justice Studies (major or minor)
Geography (major)
History (major)
Inner City Studies (major)
Latino and Latin American Studies (major or minor)
Political Science (major or minor)
Psychology (major or minor)
Social Work (major or minor)
Sociology (major or minor)
Women's and Gender Studies (major or minor)

Second Bachelor's Degree Graduation Requirements

A minimum of 30 credit hours must be earned at Northeastern Illinois University.

Coursework taken during a previous undergraduate or graduate degree program may not be used to fulfill the 30-credit hour requirement for the second bachelor's degree. Speak with your major department regarding courses which satisfy the requirement.

Students may not be enrolled in two programs simultaneously.

Applicants for the second bachelor's degree who were awarded a degree from an accredited college or university in the United States have met NEIU's General Education-Distributive Learning program, ENGL-101, Writing Intensive Requirement, and the 40 hours at the 300-level requirement.

Second bachelor's degree candidates will be required to fulfill the Improving Human Relations requirement.

University Core Curriculum

University Core Curriculum

Effective for students admitted or readmitted in Fall 2016, or later, the University Core Curriculum will develop and enhance students' intellectual and practical skills through immersion in disciplines and fields of study and by learning within the resources of community and diversity at Northeastern. Critical inquiry, learning how to recognize and respond to important questions, is the essence of the liberal arts and sciences. Through public engagement, including research experiences, creative performance, and civic involvement, students can connect and adapt disciplinary practices and thinking beyond the classroom. Students completing the requirements of the University Core Curriculum will gain tools to become life-long learners, reflective individuals, ethical professionals, and active members of their communities. Through the University Core Curriculum, students will develop a broad foundation of knowledge and skills that will support advanced study and civic responsibility; and integrate and apply multiple intellectual perspectives of increasing complexity to new situations.

The University Core Curriculum includes both the General Education-Distributive Learning Program consisting of twelve courses, and Engaged Learning Experiences consisting of three courses.

General Education-Distributive Learning Program

For information on how to complete the requirements of the General Education-Distributive Learning Program, refer to the General Education-Distributive Learning (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/general-education-program>) section of this catalog.

Engaged Learning Experiences

Engaged Learning Experiences courses provide opportunities for deep reflection and integration of knowledge across boundaries through experiences such as interdisciplinary seminar classes, capstone projects, fieldwork, internships, study abroad, and student research. Students must complete, at Northeastern, three courses designated as Engaged Learning Experiences courses. One of the Engaged Learning Experiences courses must be at the 300-level, and one Engaged Learning Experiences course must be designated as "Boundary Crossing". Courses that satisfy these requirements will be designated as such in the Schedule of Classes.

- **Discipline Specific (ELE-DS)**

These courses have pre-requisites that are specific courses within a program of study. Gives students deeper understanding of how knowledge is created and applied in their field.

- **Boundary Crossing (ELE-X)**

These are courses that cross disciplinary boundaries and/or cross boundaries through engagements outside the classroom or University allowing students to see how knowledge gained in one field might inform other fields or other aspects of society.

General Education Program

General Education - Distributive Learning Program

The General Education-Distributive Learning Program, part of the University Core Curriculum, consists of four areas in which students gain some general knowledge to enrich their lives and enhance their academic experience. These four areas are Fine Arts, Humanities, Natural Sciences, and Social/Behavioral Sciences. Every degree-seeking undergraduate student must take courses from the General Education-Distributive Learning List of Approved Courses to meet these requirements.

It is expected that the knowledge gained in these courses will provide an academic foundation that will help prepare students for the major and minor course areas and will encourage students to become life-long learners in many different and divergent fields of study.

The goal of the General Education-Distributive Learning Program (often called 'Gen Ed') is to assist students in developing the following:

- the ability to communicate both in writing and orally;
- the skills required to gather, analyze, document, and integrate information;
- an understanding of historical processes and cultural differences; aesthetic and literary sensitivity;
- an understanding of the modes of thought, concerns, and methodologies of the fine arts, the humanities, the social and behavioral sciences, and the natural sciences;
- and the ability to use quantitative methods in the natural, social, and behavioral sciences.

Students are required to take a minimum of 33 credit hours of General Education-Distributive Learning courses. Transfer students may fulfill General Education-Distributive Learning requirements with courses taken at other colleges or universities. Students who transfer with an approved Illinois Community College Board (ICCB) Model Associate of Arts (A.A.), Associate of Science (A.S.), or Associate of Arts in Teaching (A.A.T.) degree or have completed the Illinois General Education Core Curriculum after transferring to Northeastern Illinois University will have met their General Education-Distributive Learning requirements. For information regarding the Illinois General Education Core Curriculum, visit the web site at <http://www.iTransfer.org>. Students seeking a teaching license may be required to take additional course work.

Students are encouraged to complete their General Education-Distributive Learning courses during their first 75 hours of course work. These courses are distributed as described in detail below, and require students to take two courses in the Fine Arts, three courses in the Humanities, three courses in the Social/ Behavioral Sciences, and three Natural Science courses (including one laboratory course).

Fine Arts (FA)

2 courses, 6 credit hours from two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).

Humanities (HU)

3 courses, 9 credit hours from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)

Social/Behavioral Sciences (SB)

3 courses, 9 credit hours from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work. (Note: Students admitted or readmitted before Fall 2016, must complete 4 courses (12 credit hours) of Social/Behavioral Sciences courses in at least two of the above areas of study.)

Natural Sciences (NS and NSL)

3 courses, 9 credit hours from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE Anthropology course that counts as Natural Science is taken, then only one Biology course may be used for Natural Science).

Please note the following requirements regarding the General Education-Distributive Learning Program:

- Only courses included on the General Education-Distributive Learning Program List of Approved Courses during the term of enrollment are applicable towards the General Education-Distributive Learning requirements.
- The Pass/Fail option may not be used to meet any General Education-Distributive Learning requirements.
- A student may use no more than six (6) hours of "D" to meet the distribution area requirements.
- By the tenth week of the Fall and Spring semesters, faculty teaching General Education-Distributive Learning courses must notify any student with less than a "C" average of his/her grade in the course.
- Majors in the Fine Arts, Humanities, and Social/Behavioral Sciences may waive up to six credit hours of General Education-Distributive Learning requirements in the corresponding distribution area.
- Majors in the Natural Sciences may waive up to nine credit hours of General Education-Distributive Learning in the Natural Science distribution area.

- A student may use no more than two courses from any one area of study (including courses transferred to Northeastern) to meet the distribution requirements in Humanities, Natural Sciences, and Social/Behavioral Sciences. No more than one course from any area of study (including transferred courses) may be used to meet the Fine Arts distribution requirements.
- Courses completed elsewhere by students transferring to Northeastern may be applied to General Education-Distributive Learning requirements. Transfer courses will be evaluated by the Admissions Office to determine appropriate General Education-Distributive Learning credit.
- Students who have specific questions about General Education-Distributive Learning should contact either their academic advisor or the College of Arts and Sciences Dean's Office. Departments who have questions regarding the Engaged Learning Experiences should contact the Coordinator of the University Core Curriculum Program.

Bachelor of Arts in Interdisciplinary Studies (BAIS) General Education-Distributive Learning Program

The Bachelor of Arts in Interdisciplinary Studies General Education-Distributive Learning program was designed to help returning adult students complete their foundational work, thereby allowing them to move into more advanced coursework as soon as they meet criteria. Below are the General Education-Distributive Learning requirements for students who are majoring in the Bachelor of Arts in Interdisciplinary Studies (BAIS) program.

Humanities and Arts (12 credit hours)

- Art
- Communication, Media, and Theatre
- English
- Linguistics
- Music and Dance
- Philosophy
- World Languages and Cultures

Social Sciences (12 credit hours)

- Anthropology
- Economics
- Geography and Environmental Studies
- History
- Justice Studies
- Political Science
- Psychology
- Sociology

Natural Sciences (12 credit hours)

- Biology
- Chemistry
- Computer Science
- Earth Science
- Mathematics
- Physics

Applying for Graduation

Filing for Undergraduate Graduation

Undergraduate students and second bachelor's degree students must submit an Application for Graduation and completed Academic Course Record forms for major and minor, if applicable, to Enrollment Management Services - Graduation Evaluation Office when the following have been completed:

1. A minimum of 85 hours of credit has been earned.
2. Student has been formally accepted by his/her major department and minor department (if applicable).

Undergraduate Graduation Application Filing Deadlines

Month of Anticipated Completion of Degree Requirements	Filing Deadline
May 2017	September 15
August 2017	January 15
December 2017	May 15

Each student anticipating graduation is totally responsible for filing the appropriate forms by the above deadlines. A student who files the required forms but fails to complete all graduation requirements by the appropriate date will be dropped from the graduation list and must reapply for a later graduation date by completing a Change of Graduation Date form available in Enrollment Management Services.

Diplomas and final transcripts are not released to graduates until they have paid the graduation fee and all holds and/or indebtedness to the university have been resolved.

Commencement Ceremony Participation

Students who apply for December graduation are eligible to participate in the December commencement ceremony. Students who apply for May graduation are eligible to participate in the May commencement ceremony. Students who apply for August graduation are eligible to participate in the following December commencement ceremony.

Honors Recognition

Latin Honors Recognition

Latin Honors Recognition

Baccalaureate degree-seeking students who graduate with at least a 3.5 cumulative grade point average (on a 4.0 scale), and who complete, at Northeastern, a minimum of 30 semester hours (excluding developmental and pass/fail hours) will have Latin Honors appear on his/her transcript and diploma. Those students in the Honors Program and who are Honors Scholars will have their transcripts and diplomas indicate that they are graduating as Honors Scholars.

Latin Honors Recognition - Nontraditional Degree Programs

Students majoring in the Bachelor of Arts in Interdisciplinary Studies (BAIS) program or the University Without Walls (UWW) program who complete, at Northeastern, 24 semester hours that count toward graduation (excluding developmental and pass/fail hours), and graduate with at least a 3.5 cumulative grade point average (on a 4.0 scale) will have Latin Honors appear on his/her transcript and diploma.

Latin Honors	Definition	GPA
Summa Cum Laude	With Highest Honor	3.9 - 4.0
Magna Cum Laude	With Great Honor	3.75 - 3.89
Cum Laude	With Honor	3.5 - 3.74

Latin Honors Recognition - University Honors Program

A baccalaureate degree-seeking student who completes the Honor Program's Honors Scholar curriculum with at least a 3.5 cumulative grade point average (on a 4.0 scale), and who completes, at Northeastern, a minimum of 30 semester hours (excluding developmental and pass/fail hours) will have Latin Honors appear on his/her transcript and diploma.

Latin Honors for Honors Scholars	Definition	GPA
Honors Scholar - Summa Cum Laude	With Highest Honor	3.9 - 4.0
Honors Scholar - Magna Cum Laude	With Great Honor	3.75 - 3.89
Honors Scholar - Cum Laude	With Honor	3.5 - 3.74

Master's Degree

Master's Degree Graduation Requirements

Master's degree students need a cumulative GPA of 3.0 or higher to graduate. Refer to the Academic Catalog (<http://www.neiu.edu/academics/academic-catalog>) for the semester/academic year for which you were admitted for specific graduation and degree requirements.

Applying for Graduation

An application for graduation should be filed according to the instructions and the schedule provided with the application. Dates are also specified on the Registrar Services Office web page (<http://www.neiu.edu/academics/registrar-services/applying-graduation>). A non-refundable graduation fee must accompany the application. Upon evaluation of the graduation application, the student will receive a response indicating outstanding requirements and whether or not there is a possibility for completion of all requirements to graduate in that semester.

Students must submit an Application for Graduation and a completed Academic Course Record form to the Graduate Records Office (D-101D).

Master's students completing a thesis must submit the final, approved thesis to Graduate Records (D-101D) no later than the official last class day as published in the Academic Catalog (<http://www.neiu.edu/academics/academic-catalog>). More information is available in the Thesis Manual (http://www.neiu.edu/academics/graduate-college/sites/neiu.edu.academics.graduate-college/files/documents/ncwrinkl/thesis_manual.pdf).

Master's Graduation Application Filing Deadlines

Month of Anticipated Completion of Degree Requirements	Filing Deadline
May 2017	September 1 until Nov. 1
August 2017	Feb. 1 until April 1
December 2017	March 15 until May 15

A student who files the required forms but fails to complete all graduation requirements by the appropriate date will be dropped from the graduation list and must reapply for a later graduation date by completing a Change of Graduation Date form available in the Graduate Records Office.

Diplomas and final transcripts are not released to graduates until they have paid the graduation fee and all holds and/or indebtedness to the University have been resolved.

Commencement Ceremony Participation

Students who apply for December graduation are eligible to participate in the December commencement ceremony. Students who apply for May graduation are eligible to participate in the May commencement ceremony. Students who apply for August graduation are eligible to participate in the following December commencement ceremony.

Graduate Certificate Programs

Graduate Certificate Programs

A Graduate Certificate Program is composed of a focused collection of courses that offers a skill set in and/or distinctive approach to a subject that cannot be otherwise gained through an existing Northeastern degree program or academic minor.

Graduate certificate programs must conform to Illinois Board of Higher Education (IBHE) guidelines and to the following IBHE Program Inventory Definitions:

1. A post-baccalaureate certificate "requiring completion of an organized program of study requiring at least 18 semester credit hours beyond the bachelor's and...designed for persons who have completed a baccalaureate degree but do not meet the requirements of academic degrees at the master's level."
2. A post-master's certificate "requiring completion of an organized program of academic study of at least 24 semester credit hours beyond the master's degree but does not meet the requirements of academic degrees at the doctoral level."

Students may be concurrently enrolled in a degree program and a certificate program. Such students will complete separate application to each program.

Courses composing a Northeastern graduate certificate will, upon their completion, be included on a student's transcript and in the computation of a student's grade point average.

Credit hours earned through a post-baccalaureate certificate from a program or combination of programs in which there is/are (an) approved graduate degree(s) may, upon approval of the program and the College of Graduate Studies and Research, count toward a master's degree. At its discretion, a Northeastern graduate program may count all credits earned in certificate courses offered by that program. At its discretion, a Northeastern program may count up to 9 hours of credits in certificate courses offered by another program that offers courses in the shared certificate program.

A student enrolled in a graduate degree program in which there is a fully- or partially-embedded graduate certificate program is eligible to receive the certificate only if the student has made separate application and has been admitted to the certificate program.

A minimum grade point average of 3.0 must be achieved in graduate course work for the certificate to be awarded.

Acceptance of transfer credits toward a graduate certificate is at the discretion of the graduate program. Graduate programs may accept up to 9 hours of graduate transfer credits. Programs may set more stringent transfer credit limits.

Policies

Compliance / Policies

Northeastern Illinois University policies are intended to supplement and clarify Northeastern Board of Trustees (BOT) Policies and Regulations, and to comply with local, state, and federal laws and regulations. The following NEIU, state and federal policies are referenced:

- Academic Conduct
- Americans with Disabilities Act (ADA)
- Crime Awareness and Campus Security Act
- Family Educational Rights and Privacy Act (FERPA)
- Grade Appeal
- NEIU Policy on Nondiscrimination
- National Voter Registration Act
- Oral Proficiency
- Policy on Drug and Alcohol Abuse
- Reasonable Accommodation of Religious Observances
- Sexual Assault
- Sexual Harassment
- Student Conduct
- Student Right to Know Act

Student Code of Conduct

Northeastern Illinois University students are expected to exhibit the highest standards of academic integrity. Academic misconduct such as plagiarism or cheating is unacceptable and will be investigated in accordance with University policy on academic misconduct.

Student Code of Conduct

Northeastern Illinois University exists for the transmission of knowledge, the pursuit of truth, the development of students, and the general well being of society. Free inquiry and free expression are indispensable to the attainment of these goals. As members of the academic community, students are encouraged to develop the capacity for critical judgment and to engage in a sustained and independent search for truth.

Freedom to teach and freedom to learn are inseparable facets of academic freedom. The freedom to learn depends upon appropriate opportunities and conditions in the classroom, on the campus, and within the larger community. All of those involved in the teaching/learning process should exercise their freedom with responsibility. Students have the responsibility to know and act in accordance with the rules, policies, and regulations that govern our University. Any student who violates the University's rules, policies, and regulations will be subject to a conduct proceeding. In addition, at all times students are expected to act ethically and in a manner that is appropriate and reflects the core values of Northeastern Illinois University, which include Integrity, Excellence, Access to Opportunity, Diversity, Community, and Empowerment Through Learning. The Student Code of Conduct is implemented within a culturally diverse environment that stresses fairness and equal access. **All Students are Guaranteed the Right of Due Process.**

STUDENT CONDUCT CODE DISCIPLINARY PROCEEDING

Conduct proceedings are administrative, and accordingly, will not be governed by strict rules of documentation as applicable in a court of law. The University Student Code of Conduct is administered as a University procedure to process potential violations of misconduct and is distinct from criminal and civil litigation. Certain Code of Conduct violations that also violate city, state, or federal laws may, additionally, be processed in a court of law. The standard of proof required to find a student in violation under the University Student Code of Conduct is "more likely than not". Cited misconduct violation(s) will be governed by the procedures outlined within the University Student Code of Conduct as outlined below. However, in the event that a student's behavior causes or threatens to cause harm to the student, other persons, or property, or creates a pattern of extreme disruption, or indicates an extreme inability to cope with his/her own needs, and also suggests the possibility of a mental disorder, the policy on Involuntary Student Withdrawal will be used to determine: a) whether or not, from the available information, a student is suffering from a mental disorder, and b) the appropriate course of action.

Both academic and non-academic misconduct proceedings may be initiated as the result of a single event or series of events. The student and the person reporting the violation(s) must submit reporting forms and/or any supporting documentation to the Dean of Students Office (DOS). Supporting documents should be of the kind that responsible persons are accustomed to rely on in serious matters. All documents submitted will be treated as confidential outside applicable use for the conduct process.

Upon submission of a misconduct report, a temporary hold may be placed on the referred student's academic records by the Dean of Students Office. The hold will be removed at the conclusion of the conduct proceeding. No changes to the student's academic records will be permitted during this period without the approval of the Dean of Students or designee. This does not prevent the student from examining his or her academic records. The student will be notified of the placement and removal of the hold, along with all relevant University personnel. Inquiries regarding referring a student for the misconduct process should be directed to the Dean of Students Office (DOS).

ACTS OF MISCONDUCT

Students and registered student organizations (RSOs) are subject to University Student Code of Conduct proceedings for participating in the following acts of misconduct:

Academic

Academic misconduct is a violation of the University Student Code of Conduct. Acts of academic misconduct include, but are not limited to:

1. **Cheating.** Use or attempted use of any unauthorized assistance in taking an exam, test, quiz, or other assignment. (Note: Includes cheating on exams includes all required University, state, and/or national assessment exams.)
2. **Encouraging Academic Dishonesty.** Intentionally or knowingly helping or attempting to persuade and/or influence another to violate the University's rules, policies, and regulations governing academic integrity.
3. **Fabrication.** Deliberate falsification or design of any material or excerpt in an academic assignment or exercise.
4. **Plagiarism.** Appropriation or imitation of the language, ideas, and thoughts of another author and representation of them as one's original work. This includes (1) paraphrasing another's ideas or conclusions without acknowledgement; (2) lifting of entire paragraphs, chapters, etc. from another's work; and (3) submission as one's own work, any work prepared by another person or agency.

If the student's observed conduct or apparent behavior leads the faculty member to believe there was academic misconduct, the faculty member may adjust the grade downward (including F - failure) for the test, paper, or course, or other course-related activity in question. In such instances, the faculty member will notify the student, the Department/Unit Head, the Dean of the appropriate College as well as the Dean of Students of the reason for such action in writing via the "Academic Misconduct Reporting Form." The student has the right to appeal the grade (see Grade Appeal Policy in the Student Handbook).

If the faculty member perceives that the academic misconduct requires additional or other action (beyond adjusting the grade downward for the test, paper, or course or other course-related activity), she/he will make a referral for conduct proceedings via the "Academic Misconduct Reporting Form". The reporting form should be delivered to the Dean of Students Office.

Americans with Disabilities Act

Americans with Disabilities Act (ADA)

The Rehabilitation Act of 1973, Section 504 / The Americans with Disabilities Act of 1990 (ADA) and amendments:

This legislation applies to the opportunities that must be available to students choosing to attend an institution of higher education. Under ADA, students pursuing a post-secondary education are responsible for documenting and requesting accommodations for their specific needs. Students are responsible for identifying themselves as students who have a disability. The student must provide the University with appropriate documentation regarding their disability and recommended accommodations.

Students are responsible for requesting specific academic adjustments or accommodations according to their documented needs. Eligibility for reasonable accommodations in post-secondary institutions is driven by the federal definition of disability as a physical or mental impairment that substantially limits or restricts the conditions, manner, or duration under which an average person in the general population can perform a major life activity, such as walking, seeing, hearing, speaking, breathing, learning, working, or taking care of oneself. In a university setting, students must advocate for their own academic needs.

Services for Students With Disabilities

1. Student Disability Services (SDS) assumes responsibility for seeing that the University is properly interpreting federal regulations requiring that the University take such steps as are necessary to ensure that no qualified student with disabilities is denied the benefits of, excluded from participation in, or otherwise subjected to discrimination because of the absence of educational auxiliary aids for students with impaired sensory, manual, or speaking skills. The Affirmative Action Officer is responsible for coordinating the University's compliance with these regulations. Student Disability Services responsibility for receiving and coordinating inquiries from students regarding auxiliary aids, academic adjustments, or other reasonable accommodations.
2. The following procedure will apply for consideration of requests for auxiliary aids, academic adjustments, or other reasonable accommodations. Students should complete the steps listed below sufficiently in advance of the anticipated need for services. Such notice is required in order to give the various academic and service areas a reasonable period of time in which to evaluate requests.
 - a. Students must be admitted to and/or enrolled in the University.
 - b. Students requesting auxiliary aids, academic adjustments, or other reasonable accommodations should first contact the Student Disability Services. If the request requires modification of academic procedural requirements or necessitates special testing and/or course evaluation methods, students must provide a Provider's Report from a professional personnel. Such report is subject to verification by the University. If the request cannot be granted by the Student Disability Services, students should contact the University's Affirmative Action Officer.
 - c. SDS will make a case-by-case determination of the student's educational need for the requested auxiliary aid, academic adjustments, or other reasonable accommodations. Auxiliary aids, academic adjustments, or other reasonable accommodations determined to be necessary will be provided at no cost to the student.
3. Students who believe that they have been discriminated against on the basis of a disability can seek resolution through the University's Discrimination Grievance Procedure. Information and consultation on these procedures are available through the Affirmative Action Office, Room C 628, phone: 773-442-5412.

Crime Awareness and Campus Security Act

Security Awareness and Crime Prevention Program

The University's crime prevention program is based upon the dual concepts of minimizing criminal opportunities whenever possible, and encouraging students and employees to take an active role in their own security and the security of others. The University Police Department offers crime prevention training on a number of topics. Crime prevention officers conduct physical security surveys of the campus and conduct crime prevention presentations for the campus community. The following is a listing of some activities of the crime prevention program:

1. Escort Service - Police officers provide an escort service, particularly during hours of darkness, for persons walking on campus to the parking lots or adjacent city streets.
2. New Student Orientation Presentations
3. School Year Kick-off Presentations - A crime prevention presentation accompanied by brochures and other printed material is made available to students during a special presentation at the beginning of the school year.
4. Closed-Circuit Television Surveillance - Closed circuit television cameras survey all of the parking lots on campus and are recorded in the University Police Department.
5. Crime Prevention Presentations - Numerous crime prevention presentations are made annually to such campus groups as the Day Care Center staff and children, students with disabilities, international students, and other student or staff organizations upon request.
6. Printed Crime Prevention Materials - Printed crime prevention brochures, posters, and bookmarks related to personal security and our escort service are distributed at various locations on campus.
7. Computerized Alarm System - A computerized alarm monitoring system located in the University Police Department monitors a comprehensive network of intrusion, detection, and duress alarms.
8. Security Surveys - Comprehensive physical security surveys are made of campus facilities upon request.
9. Crime Prevention News - Crime prevention articles and materials are published in the student newspaper.
10. Rape Awareness, Education, and Prevention - In cooperation with several departments on campus, rape awareness, education, and prevention presentations are made available to members of the campus community.
11. Code Blue Emergency Phones - The University has emergency direct dial phones located on campus walkways and throughout the parking facility and lots. The phones are readily recognizable by the blue light on top of the column that houses the emergency phone. These phones dial the University Police Department directly at the push of a button.

The 2015 Annual Safety & Security Information Report (<http://neiu.edu/university-life/sites/neiu.edu.university-life/files/documents/2015/09/2015SafetyandSecurityInformationReport-Final.pdf>) is provided as part of Northeastern Illinois University's commitment to safety and security on campus and is in compliance with the Jeanne Clery Disclosure of Campus Security Policies and Campus Crime Statistics Act, 20 U.S.C. (a) and (f).

Family and Educational Rights Privacy Act

Release of Information Pertaining to Students

In compliance with the Family Educational Rights and Privacy Act of 1974, as amended, the following policy outlines the procedures available for access to student records. This policy is intended to ensure the confidentiality of student records.

1. Definitions

- a. "Student" is defined as one who has attended or is attending Northeastern Illinois University and whose records are in the files of the University.
- b. "Education records" are those records which are directly related to a student and maintained by the institution or by a party acting for the institution. "Education records" do not include files made by and kept in the sole possession of the maker which are not accessible to any other person.
- c. "Directory information" includes name, address, telephone number, dates of attendance, enrollment status, level, previous institutions attended, field(s) of study, awards, honors, degrees conferred with dates, past and present participation in officially recognized sports and activities, prior military service, campus e-mail address, date and place of birth, and photographs. (See Section V, Release of Information).

2. Location of Education Records

All students have records in Enrollment Management Services and are maintained by the University Registrar.

Students may also have records in the following offices which are maintained by the administrative officer listed:

Nontraditional Degree Programs ¹	B-151	Director
Dean of Students	B-119	Dean
College of Arts and Sciences ¹	BBH-158A	Dean
Daniel L. Goodwin College of Education ¹	LWH-4044	Dean
College of Business and Management ¹	CBM-184	Dean
Career Services Suite	B-119	Director
Financial Aid	D-201	Director
College of Graduate Studies and Research	LWH-0006	Dean
Vice President for Student Affairs	C-320	Vice President

¹ Some departments maintain records separate from the College. A list of departments or programs which have separate records, their location, and the person responsible for the record may be obtained from the office of the dean of the college in which the department or program is located.

3. Availability of Records to Students

A student's record is open to the student, with the following exceptions:

- a. Letters of recommendation placed in files prior to January 1, 1975 which were intended to be confidential and used only for the purpose for which they were prepared.
- b. Records of parents' financial status.
- c. Medical and psychological records. Medical and psychological records are not available to anyone other than those providing treatment, but can be reviewed by a physician or licensed professional of the student patient's choice.
- d. Some items of academic record under certain conditions. To ensure the validity and confidentiality of references prepared off campus and on campus, certain documents may carry waivers, signed by the student, relinquishing the student's right of access to the document.

Waivers are subject to the following conditions:

- i Waivers can be signed only for the specific purposes of application for admission, candidacy for honor or honorary recognition, including financial aid, based at least in part on merit, and candidacy for employment;
- ii Waivers cannot be required;
- iii The student shall be told, upon request, the names of those supplying references. All items in the academic record not covered by waivers are open to the student. Material not covered by waivers may not be protected by keeping it out of the student's file.

4. Availability of Records to University Personnel

Student records are open to members of the currently employed University faculty and staff who have a legitimate need to know their contents, with the following provisions/ restrictions:

The university faculty or staff member must be performing a task that is specified in his or her position description or by a contract agreement, OR performing a task related to student's education, OR providing a service or benefit relating to the student such as health care, counseling, job placement or financial aid. A professor, therefore, may access the records of an enrolled student in his or her class.

In addition, Northeastern has contracted with The National Student Clearinghouse to provide services to students on our behalf (e.g., degree and enrollment verification).

- a. The determination of a "legitimate need to know" will be made by the person responsible for the maintenance of the record. This determination must be made scrupulously and with respect for the individual whose record is involved.
- b. Those letters and statements in an education record which are inaccessible to students (filed before January 1, 1975, or segregated by waivers) are to be used only for the purposes for which they were prepared.

5. Release of Information to Third Parties

- a. Directory information may be released to agencies or persons outside the university unless the student completes the appropriate form which indicates that this information should be withheld. This form may be obtained in Enrollment Management Services and must be filed within the first ten days of classes.
- b. Other information in the education record normally will be released to third parties (i.e., anyone not a member of the faculty or staff) only at the written request of the student. A student may secure from the appropriate office a "consent form" authorizing the release of specified records to specific individuals.
- c. Other information in the education record will be released to third parties without the consent of the student only as follows:
 - i. Information will be released:
 - To Federal and State Officers in connection with the audit and evaluation of federally supported educational programs and to enforce federal laws;
 - As required by State law;
 - To research projects on behalf of educational agencies seeking test norms, improving instruction, etc., provided that there is no personal identification of students;
 - To accrediting agencies carrying out their functions;
 - In response to a subpoena or court order;
 - To officials of another school, upon request, in which a student seeks or intends to enroll
 - To parents of a dependent (as defined by the IRS code) student.
 - Results of a disciplinary hearing to an alleged victim of a crime of violence.
 - To persons in an emergency if the knowledge of information is necessary to protect the health or safety of the student or other persons.
 - ii. Education records will be released to third parties only by the University Registrar, Director of Financial Aid or the Vice President for Student Affairs. No other University office will release education record information to third parties directly except in the case of institutional audits. Third party requests to other University offices shall be referred to one of the aforementioned officials.
 - iii. The third party must submit the request in writing and must specify a legitimate reason. A copy shall be filed with the University's General Counsel.
 - iv. A reasonable attempt will be made to notify the student prior to the release of information if: (a) the request for information takes the form of a subpoena or a court order (excluding certain law enforcement subpoenas and ex parte orders), and (b) disclosure without notice would infringe upon the student's rights under the Family Educational Rights and Privacy Act. Judgments on condition (b) will be made by the University's General Counsel.
 - v. A notation of the release made to third parties will be kept in the student's record by the University Registrar, Director of Financial Aid or the Vice President for Student Affairs except when the reason for the request is an institutional audit, procedural evaluation, or research. Reasons shall be evaluated in consultation with the University's General Counsel. Such notation is open only to the student and the person in charge of the record.
- d. The third party is prohibited by the Family Educational Rights and Privacy Act from subsequently releasing personally identifiable information to other (or fourth) parties, and shall be so informed in writing by the University official who releases information.

6. Access Procedure

The University has established the following procedures enabling the student to have access to his or her record within 15 working days of the request and has provided for interpretation and challenge.

- a. The student may see his or her file by filling out a specific request form at the office where the record of interest is maintained.
- b. Access is to be granted promptly and no later than 15 working days from the date of request.
- c. The student may make the request in person or by mail.
- d. The student may obtain copies of records upon request (for which the university may charge an appropriate fee per page) with the following exceptions:
 - i. Copies of transcripts from other schools will not be released.
 - ii. Copies of NEIU transcripts will not be released if the student is indebted to the University.
- e. The student may request and receive interpretation of his or her record from the person (or designate) responsible for the maintenance of the record.

7. Review on Challenge

- a. In the event a student challenges the content of the education record on the basis that an item(s) is inaccurate, misleading, or violates the privacy or other rights of the student, the custodian of the education record shall discuss the challenge with the student and attempt to resolve

the challenge within a framework of maintaining the integrity, accuracy, and usefulness of the record. If the student wishes to insert a written explanation regarding the content of the record, such written explanation is to be accepted and included in the record.

- b. If the custodian and student are unable to resolve the challenge, they shall schedule a meeting with the appropriate dean, within 15 days of the challenge for further review.
- c. If no resolution can be effected, the matter will be referred to the appropriate Vice President's Hearing Panel.
- d. It is the obligation of the University to amend the education record if it is found that information contained therein is inaccurate, misleading, or otherwise in violation of the privacy or other rights of the student, and the student's statement commenting on the education records which may be inserted therein shall be maintained as part of the educational records and shall be disclosed, together with the contested portion, to any party entitled to receive the education records.

8. The Hearing

a. General principles:

A request for a hearing must be specific to a record, be submitted in writing to the custodian of the record, and include an explanation or justification of the request for a hearing. It is the responsibility of the student to prepare the written request.

b. The Hearing Panel shall be appointed by the appropriate Vice President. It shall consist of:

- i At least one administration official of the University who does not have an interest in the direct outcome of the hearing;
- ii One faculty member of the University who does not have an interest in the direct outcome of the hearing;
- iii Two representatives from the Student Government or appropriate body.

The custodian of the record(s) or his or her designate shall be present as a resource person, but only as an *ex-officio* member of the panel.

c. The hearing panel process shall afford the student a full and fair opportunity to present evidence relevant to the issue being raised. The process will ensure that:

- i Hearings will be scheduled within a reasonable period of time not to exceed 45 days from the date on which the appeal was heard by the appropriate dean;
- ii Hearings will not be open to the public;
- iii Neither the student in question, nor his/her representative, shall serve on the panel;
- iv Decisions of the panel will be by majority vote and will be final;
- v Results of the hearing, to include a summary of the evidence and the reasons for such decision, will be communicated in writing to the student and to the custodian(s) of the record being challenged within a period not to exceed 45 days after the conclusion of the hearing.

9. Notification Regarding Access to Records

Annual notification of this policy shall be made in official publications, such as the online Schedule of Classes and the Academic Catalog.

10. Continued Maintenance

Nothing in this policy requires the continued maintenance of any student record. However, if under the terms of this policy a student has requested access to the record, no destruction of the record shall be made before access has been granted to the student. Persons in charge of records should ensure that only pertinent items are retained in student files.

Students have the right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with requirements of FERPA. The name and address of the office that administers FERPA is:

Family Policy Compliance Office
 U.S. Department of Education
 400 Maryland Avenue SW
 Washington, DC 20202-4605

Grade Appeal

Undergraduate and Graduate Grade Appeal Policies

Undergraduate Grade Appeal Policy

All students have a legitimate right to seek redress when they consider their final grade in a course to be unreasonable, unjust, or capricious. This grade appeal procedure shall be initiated during the term immediately following issuance of the grade in question; in cases involving special and unusual circumstances, this time period may be reasonably extended.

Procedure:

1. The student should consult the faculty member who issued the grade for reconsideration of the grade.
2. If, after seeing the faculty member, the student wishes to pursue the issue or if the faculty member is unavailable, he/she should then approach the faculty member's Coordinator or Department Chair and ask for an investigation of the grade appeal.

At this time the student must present a written statement to the Coordinator or Department Chair explaining the reasons for believing the grade to be unreasonable, unjust, or capricious. The Department/Unit Head is responsible for consulting the parties involved, gathering all pertinent information, and for preparing a written statement of the facts which will be given to the student and faculty member and be used in reviewing the facts with the student and the faculty member. The Coordinator or Department Chair shall be responsible for:

- a) either concurring with the faculty member that the grade should remain as recorded, or
- b) suggesting to the faculty member that the grade be reviewed.
- c) The student and faculty member shall be informed in writing of this conclusion. If the student believes the grade appeal has not been resolved satisfactorily, he/she may appeal the grade in writing to the appropriate dean.

3. If the Coordinator or Department Chair is the teacher of record, the student shall appeal in writing directly to the appropriate dean, instead of to the Department/Unit Head as in 2 above. (For undergraduate and unclassified graduate students, the appropriate dean is the Dean of the College in which the academic department is located. For graduate students in a degree program, the appropriate dean is the Dean of the Graduate College). The Academic Dean shall be responsible for requesting a written statement from the Coordinator or Department Chair. If the issue is not resolved to the student's satisfaction, the student may write to the Dean and request a hearing by the Grade Appeal Committee.

4. The Dean, in consultation with the Grade Appeal Committee, will review the statement prepared by the Coordinator or Department Chair. If the Dean believes the issue should be pursued, he/she will convene the Grade Appeal Committee for a hearing. If the Dean decides the issue should not be pursued, the grade remains as recorded. The decision of the Dean is final. All parties must be so notified.

5. For undergraduate and unclassified graduate students, the Academic Dean will have a standing Grade Appeal Committee, to be selected each year, composed of five members as follows:

- Two faculty members and two alternates selected by the college assembly.
- Two student members with two alternates selected by the Student Senate.
- The dean of the college involved, or his/her representative. For students in a graduate degree program, the Dean of the Graduate College will have a standing Grade Appeal Committee, selected each year, consisting of five members, as follows:
 - Two faculty members and two alternates selected by the Graduate Advisory Committee.
 - Two students in good standing, in a Master's Degree Program, selected by the Dean of the College.
 - The graduate dean or his/her representative.

6. The Grade Appeal Committee will investigate the case, and hold a hearing in which the student, the faculty member, and the Coordinator or Department Chair shall be invited to participate. The Committee deliberations following the hearing will be confidential.

7. If the Committee decides the challenged grade is unreasonable, unjust, or capricious, it shall so recommend to the Dean, who shall have the power to change the grade from a letter grade to a grade of "P" (pass). The credits for this course will count toward undergraduate degree requirements. If the committee decides there is insufficient evidence to support the student's claim, it shall recommend to the Dean that the original grade should stand.

8. In all instances the Committee will reach a conclusion and submit its recommendation in writing to the Dean, who shall render a written decision, copies of which shall be sent to the student and faculty member. The decision of the Dean shall be final.

Graduate Grade Appeal Policy

Every student has the right to appeal if they consider their final grade in a graduate-level course to be unreasonable, unjust, or capricious. A grade appeal can be initiated no later than two semesters (including summer) after the grade was assigned. The Dean of the College of Graduate Studies and Research makes the final decision on graduate grade appeals.

Process for appealing a grade in a graduate course:

1. The student must first consult the faculty member who issued the grade for reconsideration of the grade. The Chair or Coordinator and other members of the department are encouraged to be available for consultation with the faculty member and the student at this stage. Note: This is the only stage at which an appealed grade can be changed to an A, B, C, D, or F. At every subsequent stage of the grade appeal process, the Chair, Associate Dean of the graduate program's college or Dean of the College of Graduate Studies and Research can change the grade to a P only.
2. If the faculty member is unavailable or the student contests the faculty member's decision and wishes to continue the appeal, the student should (next) approach the Chair of the department in which the course was taught. The Chair may designate the relevant program's Coordinator to serve this role for this stage, if the department has a Coordinator. The student must present a written statement to the Chair explaining the reasons he/she believes the grade is unreasonable, unjust, or capricious. The Chair is responsible for investigating the student's claims by gathering relevant information, and preparing a written statement of the findings of the investigation. At the conclusion of this investigation, the Chair must recommend that the student's grade appeal be supported or denied. The Chair shall communicate this recommendation and its rationale in writing to the student and the faculty member.
3. If the faculty member who issued the grade is also the Chair, the student should appeal directly to the Associate Dean of the college in which the course was taught, submitting a written statement explaining the reasons he or she believes the grade is unreasonable, unjust, or capricious. The Associate Dean is responsible for investigating the student's claims by gathering relevant information, and preparing a written statement of the findings of the investigation. At the conclusion of this investigation, the Associate Dean must recommend that the student's grade appeal be supported or denied. The Associate Dean shall communicate this recommendation and its rationale in writing to the student and the faculty member (Chair).
4. If the student believes that the process was flawed or that there was evidence that was not considered, he/she can bring the appeal to the Dean of the College of Graduate Studies and Research. In addition to the appeal materials already provided to the Chair, Coordinator, or Associate Dean in Step 2 above, the student must justify in the appeal why he or she believes the decision should be reconsidered, including any new pertinent information. Disagreement with the outcome of the deliberations of the Chair, Coordinator, or Associate Dean is not sufficient on its own to pursue an appeal with the Dean. If the Dean of the College of Graduate Studies and Research agrees that the process was possibly flawed or there was evidence not considered, he/she will convene the Graduate Grade Appeal Committee to hear the grade appeal. The Graduate Grade Appeal Committee, selected each year, will consist of five members, as follows:
 - a. Two faculty members from the Graduate College Advisory Committee,
 - b. Two master's degree program students in good standing selected by the Dean of the College of Graduate Studies and Research, and
 - c. The representative of the Dean of the College of Graduate Studies and Research.
5. Before hearing any appeals, any student serving on the Graduate Grade Appeal Committee must fill out and sign a FERPA Privacy and Confidentiality Understanding/Agreement, available from the Associate Dean of the College of Graduate Studies and Research or the University Registrar.
6. The Graduate Grade Appeal Committee will investigate the case and will hold a hearing. The student, the faculty member, and the Chair, Coordinator, or Associate Dean involved with Step 2 shall be invited to participate. If the student fails to attend the agreed-upon, scheduled hearing, then the hearing will be cancelled and the grade appeal dismissed without further review.
7. The Graduate Grade Appeal hearing generally takes about one hour and has the following format:
 - a. The student has 10 minutes to present the appeal, after which the committee members may ask questions of the student.
 - b. The faculty member of the course has 10 minutes to respond, after which the committee members may ask questions of the instructor.
 - c. The Chair (if he/she is not the faculty member), Coordinator, or Associate Dean may add comments and answer any questions the committee members may have.
 - d. The student does not ask questions of the faculty member, Chair, Coordinator, or Associate Dean, and the faculty member, Chair, Coordinator, and Associate Dean do not ask questions of the student.
 - e. The student may have 2 or 3 minutes for final rebuttal and the committee may ask final questions of the student, faculty member, Chair, Coordinator, or Associate Dean.
 - f. Everyone except for the Graduate Grade Appeal Committee leaves the hearing room.
 - g. The committee members discuss the appeal. The Dean's representative will lead the discussion. When the discussion is complete, the committee members will take a vote on the appeal.
8. The committee will communicate to the Dean of the College of Graduate Studies and Research its written recommendation, which will be one of the following:

- a. If the Committee decides that the challenged grade is unreasonable, unjust, or capricious, it shall so communicate to the Dean its recommendation that the grade be changed to a P.
 - b. If the Committee decides there is insufficient evidence to support the student's claim, it shall recommend to the Dean that the original grade should stand.
 - c. If the committee cannot agree on the appeal, the lack of agreement will be communicated to the Dean.
9. After receiving the recommendation of the committee and reviewing the materials submitted by the student, the faculty member, and the Chair, Coordinator, or Associate Dean, the Dean of the College of Graduate Studies and Research may decide that the grade should remain as recorded, or that it should be changed to a P (Pass). If the grade is changed to a P, the credits for the course will count toward the student's degree requirements, but the grade will not contribute to the GPA.
 10. The Dean of the College of Graduate Studies and Research will share his or her decision in writing with the student, the faculty member, and the Chair, Coordinator, and/or Associate Dean, and a copy of the decision will be placed in the student's records. The decision of the Dean is final.

NEIU Policy on Equal Opportunity and Nondiscrimination

Policy on Equal Opportunity and Nondiscrimination

Northeastern Illinois University supports the principles of equal opportunity in employment and education. Northeastern does not discriminate in employment or education on the basis of race, color, religion, sex, pregnancy, disability, national origin, citizenship status, ancestry, age, order of protection status, genetic information, marital status, sexual orientation, gender identity, gender expression, arrest record status, military status, or unfavorable discharge from military service. Northeastern accepts complaints of discrimination and harassment from students, employees, applicants for admission or employment, and University visitors. The University does not tolerate retaliation against any person for coming forward with a complaint or concern or for otherwise participating in the process of addressing discrimination or harassment.

This policy furthers Northeastern's commitment to the principles of equality and equal opportunity for applicants, students, faculty, staff and visitors to the University. It outlines how the University promotes learning and working environments free from all forms of discrimination and harassment. The policy provides a means to address complaints of discrimination and harassment based on the protected categories identified herein. The University will comply with all federal, state, and applicable local nondiscrimination and equal opportunity laws, orders and regulations

To access the full policy, click on this link - Equal Opportunity and Nondiscrimination (http://www.neiu.edu/about/sites/neiu.edu/about/files/documents/2015/01/Pol_G1%2008_Nondiscrimination_6.pdf)

To access the complaint form, click on this link - Discrimination Grievance Form (http://www.neiu.edu/about/sites/neiu.edu/about/files/documents/jwschiff/Pol_G1%2008_Nondiscrimination-Appendix_0.pdf)

Students who believe that they have been discriminated against or harassed on the basis of a protected equal opportunity category can seek resolution through the University's Discrimination Grievance Procedure. Information and consultation on these procedures are available through the Affirmative Action Office, Room C 628, 773-442-5412.

National Voter Registration Act

National Voter Registration Act

The 1998 Higher Education Act Mandatory Good Faith Effort for the National Voter Registration Act. It reads, in part, "The institution will make good faith effort to distribute a mail voter registration form, requested and received from the State, to each student enrolled in a degree or certificate program and physically in attendance at the institution, and to make such forms widely available to students at the institution." The State of Illinois has provided the following link for students to use to print a voter registration form:

<http://www.elections.il.gov/votinginformation/register.aspx>

English Voter Registration Form: [click here \(http://www.elections.il.gov/DocDisplay.aspx?Doc=Downloads/VotingInformation/PDF/R-19.pdf\)](http://www.elections.il.gov/DocDisplay.aspx?Doc=Downloads/VotingInformation/PDF/R-19.pdf)

Spanish Voter Registration Form: [click here \(http://www.elections.il.gov/DocDisplay.aspx?Doc=Downloads/VotingInformation/PDF/R-19Spanish.pdf\)](http://www.elections.il.gov/DocDisplay.aspx?Doc=Downloads/VotingInformation/PDF/R-19Spanish.pdf)

TurboVote

Northeastern Illinois University is committed to providing you with the information and materials you need to vote. Go here to NEIU's Turbovote site (<https://neiu.turbovote.org/register>) and register online to vote in Illinois (you can also register if you live in another state – though online registration restrictions vary from state to state). Once you are registered in the TurboVote system it is easy to verify or update your voter registration, request an absentee ballot form by mail, and sign up for text and/or email election reminders. You can do this all for free. If you have already registered to vote, you can still sign up at NEIU's Turbovote site (<https://neiu.turbovote.org/register>) to receive text or email reminders so you will not miss an election.

Oral Proficiency

Oral Proficiency

Northeastern Illinois University, in accordance with a 1987 State statute, insures that all persons providing classroom instruction to students are proficient in oral English. If an instructor's oral proficiency is in doubt, students should contact the department chair to obtain information about the University's procedure for handling complaints.

Policy on Drug and Alcohol Abuse

Policy on Drug and Alcohol Abuse

Consistent with its mission as a public institution of higher education, the University is committed to educating students, faculty, and staff on the dangers of alcohol and drug abuse, and to establishing standards of conduct that maintain a campus environment in which such abuse is prohibited. These standards are intended to be in full compliance with the Drug-Free Schools and Campuses Regulations (34 CFR Part 86) promulgated by the Department of Education to implement section 22 of the Drug-Free Schools and Communities Act Amendments of 1989, which adds section 1213 to the Higher Education Act and section 5145 to the Drug-Free Schools and Communities Act (collectively referred to as the "Act").

Students should refer to the NEIU Policy Library Web site as well as the Student Handbook, the Academic Catalog, and the Use of Facilities Manual for information about University policies and procedures at www.neiu.edu. For further information, call Student Rights and Responsibilities at (773) 442-4610.

Standards of Conduct and Prohibitions

Employees and students, in their affiliation with the university, shall not manufacture, possess, use, deliver, sell or distribute any substance prohibited by the Illinois Cannabis Control Act, the Illinois Controlled Substance Act, or any other State or federal statute, except as authorized by law, consistent with the regulations of the university's Board of Trustees. Further, faculty, staff, and students may not possess or consume alcoholic beverages on university property or at university-sponsored activities except in accordance with the university's alcohol policy (see use of facilities policies and procedures manual) — which expressly limits consumption of alcoholic beverages to persons 21 years of age or older, who are attending as specific invitees of the President or appropriate Vice President or designee, a function specifically approved by the President or appropriate Vice President or designee, held in a specifically approved designated area.

Applicable Legal Sanctions

Employees and students who violate State and/or Federal law may be subject to criminal prosecution. A number of Illinois and Federal criminal statutes provide extended definitions of what constitutes illegal possession, use, and distribution of alcohol and drugs. Criminal penalties for violations of Illinois statutes include terms of imprisonment for up to sixty (60) years and fines of up to \$500,000. Equally severe penalties and sanctions may be imposed for violations of Federal statutes. Definitions of legal sanctions under Illinois law for the unlawful possession, use, and distribution of illicit drugs and alcohol are included in 720 ILCS Sec. 570/201 et seq. and 720 ILCS Sec. 550/1 et seq., copies of which are available for review by students and employees in the University library.

Health Risks

The abuse or illegal use of alcohol and the illegal use of controlled substances can seriously injure the health of employees and students, adversely impair the performance of their duties and their academic achievements, and endanger the safety and well-being of fellow employees, students, and others. Further information about the health risks associated with the use of alcohol and controlled substances is available in the Student Health and Counseling Services Office.

Counseling and Support Services

STUDENTS

Student Health and Counseling Services offer counseling and referral services to students who have drug or alcohol abuse-related problems. Additionally, the office provides:

1. information about on-campus substance abuse self-help groups
2. referrals to off-campus prevention and treatment resources
3. substance abuse information and prevention literature

Disciplinary Sanctions

STUDENT SANCTIONS

The University will impose disciplinary sanctions on students who violate the University's foregoing policy up to and including expulsion and referral for prosecution and completion of an appropriate rehabilitation program, all in accordance with the Student Code of Conduct. Furthermore, student employees who violate the University's foregoing policy may be subject to termination of employment.

Reasonable Accommodation of Religious Observances

Reasonable Accommodation of Religious Observances

Consistent with Illinois Public Act 84-212, an act to prohibit public school districts and institutions of higher education from discriminating against students for observing religious holidays (effective August 26, 1985), Northeastern Illinois University subscribes to the following policy and procedures:

1. Northeastern Illinois University supports the concept of "Reasonable Accommodations of Religious Observances" in regard to admissions, class attendance and the scheduling of examinations and other academic work requirements.
2. A student who is unable because of the observance of a religious holiday to attend classes on a particular day or days or at a particular time of day shall be excused from any examination or any study or other academic work assignments on such days or times.
3. Faculty and administrative personnel may require up to 10 calendar days advance notice of absences to observe religious holidays.
4. It is the responsibility of the faculty and administrative personnel to make available to such students an equivalent opportunity to make up the examinations, study or other academic work requirements which they missed due to such absences.
5. It is the responsibility of all students who also are employees of the University to make arrangements to fulfill their obligations to the University in advance of their absences, and/or to utilize accrued leave (if applicable) during the absences.
6. No fees or penalties may be imposed against the students who exercise such afforded opportunities.

To access the full policy, click on this link: Reasonable Accommodations of Religious Observances for Students and Employees (http://www.neiu.edu/about/sites/neiu.edu/about/files/documents/2015/02/PoL_G1.12_Reasonable%20Accomodations%20Religious-Final-Final.pdf)

To access the complaint form, click on this link: Discrimination Grievance Procedure Form (http://catalog.neiu.edu/policies/reasonable-accommodation-religious-observances/%20http://www.neiu.edu/about/sites/neiu.edu/about/files/documents/2015/02/Pages%20from%20PoL_G1%2012_Reasonable%20Accomodations%20Religious%20PDF%20Final_0.pdf)

Students who believe that they have been discriminated against or harassed on the basis of religious observances can seek resolution through the University's Discrimination Grievance Procedure. Information and consultation on these procedures are available through the Affirmative Action Office, Room C-628, (773) 442-5412.

Sexual Assault

Policy on Sexual Assault

This policy has been revised and is now titled Sexual Misconduct Policy.

Northeastern Illinois University does not tolerate sexual assault, which is a specific type of sex discrimination prohibited by Title IX of the Education Amendments of 1972. Northeastern cooperates fully with legal authorities in preventing and prosecuting sexual assault offenses, and imposes strict sanctions against those found responsible for sexual assault. The University offers educational programs and resources designed to promote the awareness and prevention of sexual assault at all Northeastern locations. Northeastern recognizes that victims and offenders can be any gender, including transgender, and expects members of the University community to help maintain a safe environment.

This policy furthers Northeastern's commitment to providing locations that are safe and secure from sexual assault. The purpose of this policy is to advance Northeastern's long-held position that sexual assault is a criminal act that violates the standards of our community and is unacceptable.

To access the full policy, click this link: Sexual Misconduct Policy (http://www.neiu.edu/about/sites/neiu.edu/about/files/documents/ktvoigt/Pol_G1.8_Sexual%20Miscond_2016.07.19_FINAL_REVISION.pdf) (formerly Sexual Assault Policy)

To submit the complaint form, click this link: Complaint Form and Grievance Procedure (http://www.neiu.edu/about/sites/neiu.edu/about/files/documents/ktvoigt/Appendices%20G1.8_Sexual%20Miscond_2016.07.19_FINAL_REVISION.pdf)

Students who believe that they have been subject to sexual misconduct, including sexual assault, or domestic violence or stalking or can seek resolution through the University's Discrimination Grievance Procedure. Information and consultation on these procedures are available through the Affirmative Action Office, Room C-628, (773) 442-5412.

Additional resources are available here: Title IX Resources (<http://www.neiu.edu/about/university-leadership/executive-team/legal-affairs-and-general-counsel/equal-opportunity-and-ethic-4>)

Sexual Harassment

Sexual Harassment Policy

This policy has been revised and is now titled Sexual Misconduct Policy.

It is the policy of Northeastern Illinois University (Northeastern or the "University") to maintain an academic and work environment free from sexual harassment for students, faculty, staff, and guests. Sexual harassment is contrary to the health and stability of the University community, diminishes individual dignity, impedes employment and educational opportunities, and prevents equal access to academic inquiry. Sexual harassment is a barrier to fulfilling the University's educational, service and scholarly missions, and will not be tolerated at Northeastern Illinois University.

This policy furthers Northeastern's commitment to providing campuses free from all forms of discrimination, including sexual harassment. The purpose of this policy is to maintain an open learning and working environment free from sexual harassment and the fear that sexual harassment may occur.

To access the full policy, click on this link - Sexual Misconduct (http://www.neiu.edu/about/sites/neiu.edu/about/files/documents/ktvoigt/Pol_G1.8_Sexual%20Miscond_2016.07.19_FINAL_REVISION.pdf) (formerly Sexual Harassment)

To access the complaint form, click on this link - Complaint Form & Grievance Procedure (http://www.neiu.edu/about/sites/neiu.edu/about/files/documents/ktvoigt/Appendices%20G1.8_Sexual%20Miscond_2016.07.19_FINAL_REVISION.pdf)

Students who believe that they have been subject to sexual harassment can seek resolution through the University's Discrimination Grievance Procedure. Information and consultation on these procedures are available through the Affirmative Action Office, C-628, (773) 442-5412.

Student Right to Know Act

Student Right to Know

In compliance with federal regulations, Northeastern Illinois University discloses our graduation rate to students, prospective students, and the general public, upon request.

Information regarding our graduation rate can be found at <http://www.neiu.edu/about/office-institutional-research-and-assessment> , (click on Data Digest, then, Graduation and Retention rates).

A printed copy may be obtained by sending a written request to:

Northeastern Illinois University
Office of Enrollment Management Services
ATTN: Graduation Rate
5500 N. St. Louis Ave
Chicago, Illinois 60625

College of Graduate Studies and Research

College of Graduate Studies and Research

Michael J. Stern, Ph.D., Dean and Professor of Biology

Nancy C. Wrinkle, Ph.D., Associate Dean and Associate Professor of Mathematics

Northeastern Illinois University, through its College of Graduate Studies and Research (CGSR), and in collaboration with the other colleges and faculty, provides the resources, facilities, and academic environment to advance learning, to foster creativity, and to nurture intellectual independence in graduate education. Graduate students pursue advanced studies and join the faculty in extending knowledge through research, scholarly and creative activities.

The College of Graduate Studies and Research offers the majority of its coursework during the late afternoon and evening hours to accommodate individuals who work during the day. Students should consult with their Graduate Program Advisor/Coordinator to plan an appropriate schedule of courses.

The College of Graduate Studies and Research offers master's degrees in 40 academic concentrations, as well as a variety of graduate certificate, licensure, endorsement, and FOCUS programs. All students engaged in graduate work at Northeastern Illinois University are admitted to the College of Graduate Studies and Research and are governed by its policies and procedures. Graduate students, therefore, have different tuition rates and grievance procedures. They are eligible to apply for graduate assistantships and tuition scholarships available through the College and departments.

Applications for admission are accepted for the academic terms as per the schedule provided with the application materials. Applicants are advised to check the College of Graduate Studies and Research website for any changes or special situations.

Organization of The College

The Dean is responsible for the implementation of institutional policies related to graduate education at Northeastern Illinois University. Such policies are established in collaboration with the Graduate College Advisory Committee, a group elected by and from the faculty of the university. The Dean's Office handles petitions for any exceptions to University policy related to graduate studies, and addresses graduate student issues, including complaints and graduate grade appeals. The Dean's Office also oversees the processes involved in the appointment of Graduate Assistants. The Graduate Admissions and Records Office handles all issues related to admissions, registration, and graduation. Graduation application forms are accepted for each academic term, as per the schedule published in the Class Schedule.

Each graduate program has a Graduate Program Advisor/Coordinator who serves as an important link with the College of Graduate Studies and Research in overseeing graduate education at Northeastern Illinois University. The Graduate Program Advisor/Coordinator evaluates applications for admission to their program, advises on programs of study, informs students of departmental regulations and procedures, monitors students' academic progress, and reviews and approves applications for graduation. Students are urged to keep in contact with their advisors and to visit the CGSR website (www.neiu.edu/graduatestudies) periodically for important information updates.

The Dean is also responsible for overseeing the administration of research at the university. In this capacity, the Dean works closely with the Research and Creative Activities Advisory Group to support and enhance research and creative activities throughout the university community.

Mailing Address and Office Hours:

College of Graduate Studies and Research, Dean's Office, **LWH 0041**,

Northeastern Illinois University, 5500 N. St. Louis Avenue, Chicago, Illinois, 60625-4699.

Graduate Admissions and Records Office, **D101-D**,

Northeastern Illinois University, 5500 N. St. Louis Avenue, Chicago, Illinois, 60625-4799.

The CGSR Dean's Office is open Monday through Friday, from 8:30 a.m. to 4:30 p.m., and can be reached at graduatestudies@neiu.edu or (773) 442-6012. The Graduate Admissions and Records Office is open between 8:30 a.m. and 7:00 p.m. Monday through Thursday, and 8:30 a.m. to 4:30 p.m. on Friday. You may reach the Graduate Admissions and Records office at graduateadmissions@neiu.edu, graduate-records@neiu.edu, and (773) 442-6001.

Graduate student funding

The University provides a limited number of graduate merit and need-based tuition scholarships to qualified students in good academic standing upon the recommendation of their program faculty.

Students interested in an appointment as a graduate assistant must fill out the form available on the College of Graduate Studies and Research website at www.neiu.edu/graduatestudies. Student skills will be matched to available positions, and interviews will be arranged if an assistantship opportunity becomes available.

Graduate students should also contact the Financial Aid Office for the availability of various fellowships and other forms of financial assistance: <http://www.neiu.edu/financial-aid/>

Master's Goals

College of Graduate Studies and Research Master's Goals

It is the mission of Northeastern Illinois University to prepare a diverse community of students for leadership and service in our region and in a dynamic, multicultural world. In the College of Graduate Studies and Research, our programs offer opportunities for our students to achieve mastery in the following areas: Knowledge, Tools of Inquiry, Relevance, Communication, and Professionalism. Students will demonstrate that mastery through both coursework and a culminating experience appropriate to the program.

Knowledge

Graduate students will pursue and master advanced, specialized knowledge within their discipline.

Tools of Inquiry

Graduate students will develop academic curiosity and expertise in using tools of inquiry reflecting the norms and standards of their discipline. This expertise includes research ethics and methodologies, modes of critical thinking and problem solving, and appropriate uses of technology.

Relevance

Graduate students will apply their knowledge and tools of inquiry to contextualize their learning within broad global, public, and academic communities.

Communication

Graduate students will develop professional communication skills, giving them the ability to engage in the critical, open exchange of ideas. They will be able to participate in diverse, collaborative networks within and across disciplines.

Professionalism

Graduate students will be prepared to serve and lead effectively in a diverse, global society according to the professional standards of their discipline. They will be ready to establish themselves as ethical individuals in their professional lives.

Graduate Policies

Graduate Policies

The Graduate Policies section contains policies which pertain to all graduate students regarding Academic Standing, Graduate Transfer Credits, Thesis, and Graduate Grade Appeals. Questions concerning these policies can be directed to the College of Graduate Studies and Research: graduatestudies@neiu.edu.

Graduate Academic Standing Policies

Catalog Year

A graduate student's catalog year is the academic year when the student is first enrolled after being admitted to a graduate program. A student's catalog year is not affected while the student is on an approved leave of absence. A re-admitted student is subject to the catalog year requirements based on the semester of his/her re-admission (see Inactivation/Re-admission Policy).

Change of Catalog Year

An active student may change his/her catalog year to a succeeding catalog if it is to the student's benefit. A completed Change of Catalog Year form should be submitted to Enrollment Management Services to update the student's record.

Inactivation/Re-admission Policy

A graduate student who does not enroll in at least one course over three consecutive semesters, including the summer semester, will have his/her student status changed from "Active" to "Inactive".

A graduate student must be re-admitted to the same program, admitted to a different program, or admitted as a student-at-large to register for additional classes. Re-admission to a student's original program is not guaranteed.

All re-admitted students are subject to the catalog year requirements based on their semester of re-admission and enrollment.

Leave of Absence

A graduate student is expected to maintain active status from the time he/she begins the graduate program to the time that he/she graduates. According to the Inactivation/Re-admission Policy, a graduate student who has not enrolled for three consecutive semesters (including summer) will be moved to an inactive status.

Circumstances sometimes require that students interrupt their studies for longer than three semesters. Such students can apply for a Leave of Absence to avoid inactivation.

1. Only an active graduate student is eligible to apply for a leave of absence.
2. A graduate student may request a maximum of six consecutive academic terms of absence, including summer.
3. A graduate student is not expected to make any academic progress towards his/her degree while on a leave of absence.
4. A graduate student may not use any University resources while on a leave of absence.
5. A graduate student's academic status will not change during a leave of absence.
6. Students applying for a leave of absence must submit to their graduate program the Graduate Leave of Absence Request Form, located on the Registrar Services' forms page.
7. An international student must also gain approval via a signed memo from his/her International Programs advisor. The approval memo must be included with the form submitted to the graduate program.
8. Programs submitting a Leave of Absence Request form to the College of Graduate Studies and Research Dean's office must include a memo of support explaining how the student will complete his/her requirements within six years of his/her initial enrollment.

A graduate student finishing a leave of absence must register for coursework the semester of return as specified on the form. Failure to register for coursework the semester the student is scheduled to return will result in being moved to inactive status that semester. An inactive graduate student must reapply to the University for readmission to his/her graduate program. Readmission is not guaranteed. A readmitted student is subject to the catalog year requirements based on the semester of readmission (see Catalog Year policy).

Graduate Degree Credits

All graduate credits are at the 400 level or above, except for a limited number of 300 level courses that have been approved for graduate degree credits in a specific master's degree program (referred to as "300-starred" (300*) courses). Programs may permit students to apply up to three 300* courses, to a maximum of ten credit hours, to fulfill program requirements. Students should consult with their program advisors for details concerning graduate degree credits for 300*-level courses.

A maximum of two courses with grades of “C” may be counted toward satisfying program requirements. Courses with grades below “C” do not count toward satisfying program requirements.

Repeating Courses

A student can take a specific course a maximum of two times (excluding course withdrawals), unless the course is formally approved as “repeatable.”

6-Year Completion

A graduate student has six years to complete his/her program. Courses that are more than six years old do not count toward fulfilling the requirements of a graduate program.

Grade Point Average

A graduate student's Grade Point Average (GPA) is determined based on the grades received in all graduate-level courses taken, beginning from the term of initial enrollment in graduate status at Northeastern. All grades received, including those of courses that were taken multiple times (see Repeating Courses policy), will count toward a student's GPA and will appear on a student's transcript. A graduate student must have a minimum cumulative GPA of 3.0 to be awarded his/her degree or certificate.

Academic Standing

To remain in good academic standing, a graduate student must maintain a minimum cumulative GPA of 3.0. In addition, a graduate student in a degree or certificate program must make satisfactory progress toward his/her degree or certificate. A student must be in good academic standing to graduate.

ACADEMIC PROBATION

A graduate student whose cumulative GPA falls below 3.0 will be placed on academic probation. If, in subsequent terms, the student earns grades that restore his/her cumulative GPA to 3.0 or above, he/she will be returned to good academic standing. If a student needs to be placed on academic probation for a third time after he/she returned to good academic standing in two previous probation instances, he/she will be dismissed. A student whose cumulative GPA falls below 2.0 will be dismissed without academic probation.

A student who is on academic probation and who does not restore his/her cumulative GPA to 3.0 in subsequent terms will be permitted to remain on academic probation as long as he/she earns at least a 3.0 GPA for the term. If, in any subsequent term, the student on academic probation fails to earn a 3.0 GPA for the term, he/she will be dismissed.

Dismissal for Academic Reasons

A student may be dismissed from his/her program for the following academic reasons: sub-standard GPA (see Academic Probation policy); failure to make satisfactory progress toward completion of his/her program; or receiving more than six credit hours of unsatisfactory grades (C, D, or F). A student may also be dismissed as a consequence of acts of academic misconduct (see the University Code of Conduct).

To avoid dismissal, a student who has experienced extenuating circumstances may meet with his/her program advisor to request development of a plan outlining the course of action the student must follow to return to good academic standing. This plan must be approved by both the program and the Dean of the College of Graduate Studies and Research or the Dean's designee. Failure to meet the terms of this plan may not be appealed and will result in dismissal.

Graduate Transfer Credit Policy

Graduate transfer credits are any credits used to fulfill Northeastern Illinois University graduate degree requirements which are:

1. earned at Northeastern prior to the term of admission to a graduate program; OR
2. earned at a regionally accredited college or university or recognized international college or university. These transfer credits may be earned either prior to or after admission to a Northeastern graduate program.

All graduate transfer credits that are used to fulfill degree requirements need to be approved by the program.

Students should submit their transfer credit request form before the completion of 9 credit hours after admission to the program. Any delay in the completion of the transfer credit request may impact the student's graduation date. Credits transferred in the final semester before graduation will delay graduation until the credits are posted.

Credits earned for thesis hours are not transferable. Coursework credits are eligible for transfer credit only if they meet the following criteria:

1. Credits must be for graduate-level work;
2. The course grade must be a “B-” or higher;
3. Credits must have been completed within 6 years of expected graduation;

Coursework taken at Northeastern prior to admission to a graduate program: Credit for coursework taken at Northeastern prior to admission to a graduate program, which the student wishes to count towards that graduate program, is limited to no more than 50% of the program requirements, except in the case of credits from an earned graduate certificate. The entirety of credits from an earned graduate certificate can be counted towards a graduate degree program (see the Graduate Certificate Policy). No additional transfer credit is allowed if credits from an earned certificate represent 50% or more of the total program requirement credits.

Coursework taken outside of Northeastern: Graduate transfer credits can be earned either before admission to the student's program or after admission to the program, provided that the total number of transfer credits (regardless of when they were earned) does not exceed 9 hours. All transfer credits earned after the student has been admitted to his/her program must be approved by the advisor, program advisor, and the Dean of the College of Graduate Studies and Research prior to enrollment at the other institution.

Waiver of Course Requirements

Students considering applying for a waiver of specific course requirements based on demonstrated competence may petition the appropriate graduate program advisor(s). If a waiver is approved, the student must complete alternate credits equal in number to those waived.

Thesis Policy

In some graduate programs, the completion of a master's thesis represents one of a number of possible culminating experiences in the discipline. Completion of the thesis requirement includes successfully fulfilling: 1) generally, at least six credit hours of thesis with a grade of P or HP; 2) a thesis defense; and 3) the approved submission of the finalized thesis to the College of Graduate Studies and Research. Students fulfilling the requirements of a thesis option must register for at least one graduate-level credit hour in all semesters in which they are actively working on their thesis, until the completion of the thesis requirements. The successful completion of six credits of thesis hours does not guarantee the satisfactory completion of the thesis requirement.

Thesis credit is graded each term a student is engaged in thesis work using grades of High Pass (HP), Pass (P), or No Pass (NP). Only HP and P grades are satisfactory and count for credit toward the degree. At most, six credits of thesis hours may be counted toward fulfilling degree requirements that include a thesis option.

If a student receives a grade of NP for thesis hours, a program may require the student to switch to one of the other possible culminating experiences in the discipline. Students receiving grades of NP in their thesis hours for two consecutive semesters will not be allowed to continue with the thesis.

Substitution of up to six credits of P/HP (Pass/High Pass) thesis hours for non-thesis research credit hours is allowable, with the approval of the program.

For more information about the thesis process and for program-specific guidance on the graduate thesis, please consult the College of Graduate Studies and Research *Manual of Thesis Procedures* and the program's graduate handbook.

Grading Scale for Graduate Thesis work:

High Pass: Outstanding academic progress on the thesis, an outstanding defense of the thesis, or an outstanding thesis.

Pass: Satisfactory academic progress on the thesis, a satisfactory defense of the thesis, or a satisfactory thesis.

No Pass: Student has not made satisfactory academic progress on their thesis or their thesis does not meet the academic standards of the program.

Graduate Grade Appeal Policy

Every student has the right to appeal if they consider their final grade in a graduate-level course to be unreasonable, unjust, or capricious. A grade appeal can be initiated no later than two semesters (including summer) after the grade was assigned. The Dean of the College of Graduate Studies and Research makes the final decision on graduate grade appeals.

Process for appealing a grade in a graduate course:

1. The student must first consult the faculty member who issued the grade for reconsideration of the grade. The Chair or Coordinator and other members of the department are encouraged to be available for consultation with the faculty member and the student at this stage. Note: This is the only stage at which an appealed grade can be changed to an A, B, C, D, or F. At every subsequent stage of the grade appeal process, the Chair, Associate Dean of the graduate program's college or Dean of the College of Graduate Studies and Research can change the grade to a P only.
2. If the faculty member is unavailable or the student contests the faculty member's decision and wishes to continue the appeal, the student should (next) approach the Chair of the department in which the course was taught. The Chair may designate the relevant program's Coordinator to serve this role for this stage, if the department has a Coordinator. The student must present a written statement to the Chair explaining the reasons he/she believes the grade is unreasonable, unjust, or capricious. The Chair is responsible for investigating the student's claims by gathering relevant information, and preparing a written statement of the findings of the investigation. At the conclusion of this investigation, the Chair must recommend that the student's grade appeal be supported or denied. The Chair shall communicate this recommendation and its rationale in writing to the student and the faculty member.
3. If the faculty member who issued the grade is also the Chair, the student should appeal directly to the Associate Dean of the college in which the course was taught, submitting a written statement explaining the reasons he or she believes the grade is unreasonable, unjust, or capricious.

The Associate Dean is responsible for investigating the student's claims by gathering relevant information, and preparing a written statement of the findings of the investigation. At the conclusion of this investigation, the Associate Dean must recommend that the student's grade appeal be supported or denied. The Associate Dean shall communicate this recommendation and its rationale in writing to the student and the faculty member (Chair).

4. If the student believes that the process was flawed or that there was evidence that was not considered, he/she can bring the appeal to the Dean of the College of Graduate Studies and Research. In addition to the appeal materials already provided to the Chair, Coordinator, or Associate Dean in Step 2 above, the student must justify in the appeal why he or she believes the decision should be reconsidered, including any new pertinent information. Disagreement with the outcome of the deliberations of the Chair, Coordinator, or Associate Dean is not sufficient on its own to pursue an appeal with the Dean. If the Dean of the College of Graduate Studies and Research agrees that the process was possibly flawed or there was evidence not considered, he/she will convene the Graduate Grade Appeal Committee to hear the grade appeal. The Graduate Grade Appeal Committee, selected each year, will consist of five members, as follows:
 - a. Two faculty members from the Graduate College Advisory Committee,
 - b. Two master's degree program students in good standing selected by the Dean of the College of Graduate Studies and Research, and
 - c. The representative of the Dean of the College of Graduate Studies and Research.
5. Before hearing any appeals, any student serving on the Graduate Grade Appeal Committee must fill out and sign a FERPA Privacy and Confidentiality Understanding/Agreement, available from the Associate Dean of the College of Graduate Studies and Research or the University Registrar.
6. The Graduate Grade Appeal Committee will investigate the case and will hold a hearing. The student, the faculty member, and the Chair, Coordinator, or Associate Dean involved with Step 2 shall be invited to participate. If the student fails to attend the agreed-upon, scheduled hearing, then the hearing will be cancelled and the grade appeal dismissed without further review.
7. The Graduate Grade Appeal hearing generally takes about one hour and has the following format:
 - a. The student has 10 minutes to present the appeal, after which the committee members may ask questions of the student.
 - b. The faculty member of the course has 10 minutes to respond, after which the committee members may ask questions of the instructor.
 - c. The Chair (if he/she is not the faculty member), Coordinator, or Associate Dean may add comments and answer any questions the committee members may have.
 - d. The student does not ask questions of the faculty member, Chair, Coordinator, or Associate Dean, and the faculty member, Chair, Coordinator, and Associate Dean do not ask questions of the student.
 - e. The student may have 2 or 3 minutes for final rebuttal and the committee may ask final questions of the student, faculty member, Chair, Coordinator, or Associate Dean.
 - f. Everyone except for the Graduate Grade Appeal Committee leaves the hearing room.
 - g. The committee members discuss the appeal. The Dean's representative will lead the discussion. When the discussion is complete, the committee members will take a vote on the appeal.
8. The committee will communicate to the Dean of the College of Graduate Studies and Research its written recommendation, which will be one of the following:
 - a. If the Committee decides that the challenged grade is unreasonable, unjust, or capricious, it shall so communicate to the Dean its recommendation that the grade be changed to a P.
 - b. If the Committee decides there is insufficient evidence to support the student's claim, it shall recommend to the Dean that the original grade should stand.
 - c. If the committee cannot agree on the appeal, the lack of agreement will be communicated to the Dean.
9. After receiving the recommendation of the committee and reviewing the materials submitted by the student, the faculty member, and the Chair, Coordinator, or Associate Dean, the Dean of the College of Graduate Studies and Research may decide that the grade should remain as recorded, or that it should be changed to a P (Pass). If the grade is changed to a P, the credits for the course will count toward the student's degree requirements, but the grade will not contribute to the GPA.

10. The Dean of the College of Graduate Studies and Research will share his or her decision in writing with the student, the faculty member, and the Chair, Coordinator, and/or Associate Dean, and a copy of the decision will be placed in the student's records. The decision of the Dean is final.

Degree Verification

If a graduate student has completed all academic requirements with a current application for graduation on file and he/she is waiting for the formal awarding of the degree, the University Registrar, upon the student's written request, will issue a letter certifying the student's status. Such letters are normally accepted by boards of education for salary increment purposes and by other universities as verification that the degree has been earned.

Exceptions and Changes to Graduate Policies

Individual exceptions to the published policies of the College of Graduate Studies and Research may be made only after approval of the Dean or the Dean's designate following the submission of a written petition. Northeastern Illinois University and the College of Graduate Studies and Research reserve the right to make policy changes from time to time when necessary.

Graduate Programs

Master's Degree Programs

Degree Programs In Arts and Sciences:

- Biology, M.S. (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/biology/master-science-biology>)
- Chemistry, M.S. (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/chemistry/master-science-chemistry>)
- Communication, Media & Theatre, M.A. (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/communication-media-theatre/master-arts-communication-media-theatre>)
- Computer Science, M.S. (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/computer-science/master-science-computer-science>)
- Computer Science, M.S., Management Information Systems Concentration (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/computer-science/master-science-computer-science>)
- English, M.A., Composition Concentration (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/english/master-arts-english>)
- English, M.A., Literature Concentration (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/english/master-arts-english>)
- Geography and Environmental Studies, M.A. (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/geography-environmental-studies/master-arts-geography-environmental-studies>)
- Gerontology, M.A. (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/psychology/master-arts-gerontology>)
- History, M.A. (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/history/master-arts-history>)
- Latin American Literatures and Cultures, M.A. (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/world-languages-cultures/master-arts-latin-american-literatures-cultures>)
- Linguistics, M.A. (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/linguistics/master-arts-linguistics>)
- Mathematics, M.S., Applied Mathematics Concentration (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/mathematics/master-science-mathematics>)
- Mathematics, M.S., Secondary Education Concentration (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/mathematics/master-science-mathematics>)
- Music, M.A., Applied Music Pedagogy Concentration (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/music/master-arts-music>)
- Pedagogical Content Knowledge for Teaching Elementary and Middle School Mathematics (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/mathematics/master-arts-pedagogical-content-knowledge-teaching-elementary-middle-school-mathematics>), M.A. (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/mathematics/master-arts-pedagogical-content-knowledge-teaching-elementary-middle-school-mathematics>)
- Political Science, M.A. (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/political-science/#graduateText>)
- Social Work, M.S.W. (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/social-work/master-social-work>)
- Teaching English to Speakers of Other Languages (TESOL), M.A. (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/teaching-english-second-foreign-language/master-arts-tesl-tefl>)

COMBINED TEACHER LICENSURE/Endorsement AND DEGREE PROGRAMS

- Biology, M.S., with Teaching Licensure
- English, M.A., with Teaching Licensure
- History, M.A., with Teaching Licensure
- Latin American Literatures and Cultures, M.A., with Teaching Licensure
- Mathematics, M.S., with Teaching Licensure
- Music, M.A., with Teaching Licensure

DEGREE Programs In Business and Management

- Accounting, M.S. (<http://catalog.neiu.edu/archive/2016-2017/business-management/accounting-business-law-finance/master-science-accounting>)
- Business Administration, M.B.A. (<http://catalog.neiu.edu/archive/2016-2017/business-management/management-marketing/master-business-administration>)

DEGREE Programs In Education

- Community and Teacher Leaders, M.A. (<http://catalog.neiu.edu/archive/2016-2017/education/educational-inquiry-curriculum-studies/master-arts-community-teacher-leader>)
- Counseling, M.A., Clinical Mental Health Counseling Concentration (<http://catalog.neiu.edu/archive/2016-2017/education/counselor-education/master-arts-counseling-education>)
- Counseling, M.A., Rehabilitation Counseling Concentration (<http://catalog.neiu.edu/archive/2016-2017/education/counselor-education/master-arts-counseling-education>)

- Counseling, M.A., School Counseling Concentration (<http://catalog.neiu.edu/archive/2016-2017/education/counselor-education/master-arts-counseling-education>)
- Family Counseling, M.A. (<http://catalog.neiu.edu/archive/2016-2017/education/counselor-education/master-arts-family-counseling>)
- Early Childhood Education, M.A.T. (<http://catalog.neiu.edu/archive/2016-2017/education/teacher-education/master-arts-teaching-early-childhood-education>)
- Educational Leadership, M.A., School Leadership Concentration (<http://catalog.neiu.edu/archive/2016-2017/education/educational-leadership-development/master-arts-educational-leadership>)
- Educational Leadership, M.A., Higher Education Leadership Concentration (<http://catalog.neiu.edu/archive/2016-2017/education/educational-leadership-development/master-arts-educational-leadership>)
- Exercise Science, M.S. (<http://catalog.neiu.edu/archive/2016-2017/education/health-Physical-Education-Recreation-Athletics/master-science-exercise-science>)
- Gifted Education, M.A. (<http://catalog.neiu.edu/archive/2016-2017/education/special-education/master-arts-gifted-education>)
- Human Resource Development, M.A. (<http://catalog.neiu.edu/archive/2016-2017/education/human-resource-development/master-arts-human-resource-development>)
- Inner City Studies, M.A. (<http://catalog.neiu.edu/archive/2016-2017/education/educational-inquiry-curriculum-studies/master-arts-inner-city-studies-education>)
- Instruction in Language Arts, M.S., Secondary Education Concentration (<http://catalog.neiu.edu/archive/2016-2017/education/educational-inquiry-curriculum-studies/master-science-instruction-language-arts>)
- Language Arts, M.A.T., Elementary Education Concentration (<http://catalog.neiu.edu/archive/2016-2017/education/teacher-education/master-arts-teaching>)
- Language Arts, M.A.T., Secondary Education Concentration (<http://catalog.neiu.edu/archive/2016-2017/education/educational-inquiry-curriculum-studies/master-arts-teaching-language-arts>) (Note – admissions for this program has been suspended)
- Literacy Education, M.A. (<http://catalog.neiu.edu/archive/2016-2017/education/literacy-education/master-arts-literacy-education>)
- Special Education, M.A., LBS I (<http://catalog.neiu.edu/archive/2016-2017/education/special-education/master-arts-special-education>)
- Special Education, M.A., Early Childhood Concentration (<http://catalog.neiu.edu/archive/2016-2017/education/special-education/master-arts-special-education>)
- Special Education, M.S., LBS II, Behavior Intervention Specialist (BIS) Concentration (<http://catalog.neiu.edu/archive/2016-2017/education/special-education/master-science-special-education-lbs-ii>)
- Special Education, M.S., LBS II, Curriculum Adaptation Specialist (CAS) Concentration (<http://catalog.neiu.edu/archive/2016-2017/education/special-education/master-science-special-education-lbs-ii>)
- Special Education, M.S., LBS II, Combined CAS-BIS Concentration (<http://catalog.neiu.edu/archive/2016-2017/education/special-education/master-science-special-education-lbs-ii>)
- Teaching and Inquiry, M.S. (<http://catalog.neiu.edu/archive/2016-2017/education/teacher-education/master-science-teaching-inquiry>)

Non-Degree Programs

CERTIFICATE and endorsement Programs IN ARTS AND SCIENCES

- Geographic Information Science Certificate (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/geography-environmental-studies/graduate-certificate-gis>)
- Gerontology Senior Advocate Certificate (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/psychology/1-year-gerontology-certificate>)
- Teaching English to Speakers of Other Languages (TESOL) Certificate (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/teaching-english-second-foreign-language/master-arts-tesl-tefl>)
- Teaching English as a Second Language (TESL) Endorsement

LICENSURE and Endorsement Programs IN EDUCATION

- Early Childhood Education FOCUS Program
- Elementary Education FOCUS Program
- Bilingual Endorsement
- Reading Teacher Endorsement, Elementary Level
- Reading Teacher Endorsement, Secondary Level
- Secondary Education FOCUS Program
- Special Education, LBS I, FOCUS Program
- Special Education, LBS II, Behavior Intervention Specialist (BIS) Endorsement
- Special Education, LBS II, Curriculum Adaptation Specialist (CAS) Endorsement
- Special Education, LBS II, Combined CAS-BIS Endorsement

- Teacher Leader Endorsement (<http://catalog.neiu.edu/archive/2016-2017/education/educational-inquiry-curriculum-studies/master-arts-community-teacher-leader>)
- Teacher Licensure Program, Elementary Education (<http://catalog.neiu.edu/archive/2016-2017/education/special-licensure-endorsement-programs>)
- Teacher Licensure Program, Secondary Education, 6-12 (Biology, English, Health Education, History, Mathematics) (<http://catalog.neiu.edu/archive/2016-2017/education/special-licensure-endorsement-programs>)
- Teacher Licensure Program, Secondary Education, K-12 (Art, Music, Physical Education, Spanish) (<http://catalog.neiu.edu/archive/2016-2017/education/special-licensure-endorsement-programs>)

McNair Scholars Program

Angela Vidal-Rodriguez, Director

Purpose

The goal of the McNair Program is to increase the attainment of a Ph.D. by students from underrepresented segments of society. McNair participants are from disadvantaged backgrounds and have demonstrated strong academic potential. Program staff and university faculty members work closely with these participants through completion of undergraduate requirements, encourage their entrance into graduate programs, and track their progress to successful completion of advanced degrees.

Eligibility

Undergraduate students who intend to pursue a career that requires a Ph.D., and who meet the following criteria, may apply to the program:

- Completed at least 60 credit hours
- Status as a first-generation college student with income eligibility and/or a member of a group underrepresented in graduate education
- A GPA of 2.8 or above
- Strong desire to continue directly into graduate school shortly after graduation
- US citizenship or residency

Program Participation

McNair Scholars conduct a summer research project under the direction of a faculty mentor. Mentors and Scholars attend professional conferences and work together on the presentation of their research. Regular meetings with the program Academic Specialist and Director guide Scholars through the completion of their undergraduate degree requirements, and assist with graduate school selection and application. Workshops to support graduate school application include GRE instruction, library skills, and research presentations.

Complete program information is available in the McNair Scholars Program Office, B-141, by contacting the Program Director at (773) 442-4253, or at <http://www.neiu.edu/academics/mcnair-scholars>.

NEIU-301M. Developing A Research Thesis. 1 Hour.

An integrative, collaborative, research-based introduction to the process of thesis writing. Each student conducts a focused search of the literature and prepares a research proposal in response to a specific, identified issue and is introduced to the elements of scholarly writing. Epistemological-and ethical issues of inquiry are explored.

NEIU-302M. College Teaching For TA's. 1 Hour.

A seminar class to introduce students to college teaching skills and prepare them for teaching assistanships. Class discussion, assignments, and activities focus on the theory and practice of teaching and learning at the post-secondary level. Students draw on their own college learning experiences to evaluate instructional techniques and materials for effectiveness and meaning.

NEIU-303. Preparing For Graduate Study. 1 Hour.

College of Arts and Sciences

Wamucii Njogu, Ph.D., Dean, Associate Professor of Sociology

Katrina Bell-Jordan, Ph.D., Associate Dean, Professor of Communication, Media and Theatre

Marcelo Sztainberg, Ph.D., Associate Dean, Associate Professor of Computer Science

The College of Arts and Sciences comprises 18 departments which offer bachelor's degrees in 26 majors with 48 minors, master's degrees in 16 different disciplines, and additional certificate programs. As the largest of Northeastern's three academic colleges, the College of Arts and Sciences also offers most of the undergraduate General Education curriculum.

The College of Arts and Sciences helps students develop their individual world view, encouraging them to acquire social and cultural awareness, as well as a broad knowledge of a variety of disciplines. Fine arts, humanities, natural sciences, social/behavioral sciences, and professional studies all enrich our students' learning environment by offering abundant opportunities for intellectual discovery, and by enabling them to become informed and responsible citizens. It is a further goal of the College to offer our students both academic and career-oriented programs of study. We support faculty/student research, peer-led team learning, internships and community-based fieldwork. Students have the opportunity to learn from professors who are outstanding in their fields and passionate about teaching.

Further information about the College can be found at www.neiu.edu under Academics.

Pre-Health and Pre-Law Advising

Students interested in Law or Health related professions can receive guidance on courses, graduate school test preparation, and the application process from David Nissim-Sabat, the Coordinator of Student Services in the College of Arts and Sciences.

Departments/Programs

Anthropology, English Language Program, Philosophy and Teaching English to speakers of other Languages

Jeanine Nthirageza, Ph.D., Associate Professor of TESOL, Chair

Lesa C. Davis, Ph.D., Associate Professor, Coordinator of Anthropology

John Armour, M.A., Coordinator of English Language Program

Dan Milsky, Ph.D., Associate Professor, Coordinator of Philosophy

Art

Kimberly Ambriz, M.F.A., Associate Professor of Art, Chair

Biology

John M. Kasmer, Ph.D., Associate Professor of Biology, Chair

Chemistry

John Al-Bazi, Ph.D., Professor of Chemistry, Chair

Communication, Media and Theatre

Tony Adams, Ph.D., Associate Professor of Communications, Media and Theatre, Chair

Computer Science

Peter Kimmel, Ph.D., Professor of Computer Science, Chair

Earth Science and Physics

Paulo Acioli, Ph.D., Professor of Physics, Chair

Kenneth Voglesonger, Ph.D., Associate Professor, Coordinator of Earth Science

Economics and Geography & Environmental Studies

Erick Howenstine, Ph.D., Professor of Geography & Environmental Studies, Chair

Michael Wenz, Ph.D., Associate Professor, Coordinator of Economics

English and Linguistics

Tim Libretti, Ph.D., Professor, Chair

Shahrzad Mahootian, Ph.D., Professor, Coordinator of Linguistics

History

Michael Tuck, Ph.D., Associate Professor of History, Chair

Justice Studies and Child Advocacy studies

Cris E. Toffolo, Ph.D., Professor of Justice Studies, Chair

Rachel Birmingham, Ph.D., Assistant Professor, Coordinator of Child Advocacy Studies

Mathematics and Math Development

Lidia Z. Filus, Advanced Degree, Professor of Mathematics, Chair

Steve Ranney, M.S., Coordinator of Math Development

Music

R. Shayne Cofer, Ph.D., Professor of Music, Chair

Political Science

Marshall Thompson, Ph.D., Associate Professor of Political Science, Chair

Psychology

Saba Ayman-Nolley, Ph.D., Professor of Psychology, Chair

Lisa A. Hollis-Sawyer, Ph.D., Associate Professor, Coordinator of Gerontology Program

Social Work

Jade Stanley, Ph.D., Professor of Social Work, Chair

Sociology, Women's and Gender Studies, Latina/o & Latin American Studies, and African & African American Studies

Brett Stockdill, Ph.D., Professor of Sociology, Chair

Marshall Thompson, Ph.D., Associate Professor, Coordinator of African & African American Studies

Emily Garcia, Ph.D., Associate Professor, Coordinator of Latina/o & Latin American Studies

Nancy A. Matthews, Ph.D., Professor, Coordinator of Women's and Gender Studies

World Languages and Cultures

Denise L. Cloonan Cortez de Andersen, Ph.D., Professor of Spanish, Chair

Undergraduate Majors

Baccalaureate degrees are offered in the following disciplines:

- Anthropology
- Art - (Art History and Studio Art)
- Biology
- Chemistry
- Communication, Media and Theatre
- Computer Science
- Earth Science
- Economics
- English
- Environmental Science
- Environmental Studies
- Geography
- History
- Justice Studies
- Latina/o and Latin American Studies
- Mathematics

- Music
- Philosophy
- Physics
- Political Science
- Psychology
- Social Work
- Sociology
- Spanish
- Women's and Gender Studies

The University offers licensure for teaching in K-12 and 9-12 (Secondary) schools in the following disciplines:
K-12

- Art
- Music
- Physical Education
- Spanish

9-12

- Biology
- English
- Health
- History
- Mathematics

Students interested in Secondary Education should consult the appropriate department and the College of Education section of this catalog.

Undergraduate Minors

- African and African American Studies
- Anthropology
- Art History
- Studio Art
- Asian Studies
- Biology
- Chemistry
- Child Advocacy Studies
- Communication
- Communication, Media and Theatre
- Computer Science
- Creative Writing
- Criminology
- Dance
- Earth Science
- Economics
- English
- Environmental Studies
- French Studies
- Geography
- Geographic Information Science
- Gerontology
- History
- Interdisciplinary English Studies
- Journalism
- Korean

- Latina/o and Latin American Studies
- Lesbian, Gay, Bisexual, Transgender and Queer (LGBTQ) Studies
- Linguistics
- Mathematics Applied
- Mathematics ELED and Humanities
- Mathematical & Statistical Modeling of Complex Systems
- Media
- Music
- Philosophy
- Physics
- Political Science
- Psychology
- Public Administration
- Social Justice
- Social Work
- Sociology
- Spanish
- Teaching English to Speakers of Other Languages
- Theatre
- Women's and Gender Studies

Graduate Programs

Departments in the College of Arts and Sciences offer 16 master's degree programs which are listed below.

General requirements for graduate admission to the University and to specific degree programs can be found in the College of Graduate Studies section and in the appropriate departmental sections of this catalog. Graduate students who have specific questions should contact the appropriate departmental office.

- Master of Science in Biology
- Master of Science in Chemistry
- Master of Arts in Communication, Media and Theatre
- Master of Science in Computer Science
- Master of Arts in English
- Master of Arts in Geography & Environmental Studies
- Master of Arts in Gerontology
- Master of Arts in History
- Master of Arts in Latin American Literatures and Cultures
- Master of Arts in Linguistics
- Master of Science in Mathematics
- Master of Arts in Pedagogical Content Knowledge for Teaching Elementary and Middle School Mathematics
- Master of Arts in Music
- Master of Arts in Political Science
- Master of Social Work
- Master of Arts in TESL

Certificate Programs

- Geographic Information Science (GIS), Graduate Certificate
- Gerontology Senior Advocate, Certificate
- Teaching English to Speakers of Other Languages, Graduate Certificate

Declaration of Major

Students who wish to declare a major or minor must complete the Undergraduate Major/Minor Declaration and TLP Declaration form and submit it to the appropriate College of Arts and Sciences Department. Forms are available in all departmental offices, Enrollment Management Services, the Dean's

Office in the College of Arts and Sciences, Academic Advising, and online. All declared majors should request the name of an advisor from their major departments.

In certain programs special requirements must be fulfilled prior to admission to the major program. Students should consult the appropriate sections of this catalog for additional information, and contact the departmental chairperson.

Graduation Requirements

Students in the College of Arts and Sciences must meet all university requirements as well as the specific requirements for graduation within their particular major.

To be counted toward the major, courses transferred to the University must be accepted by the student's major department.

Transfer students must complete a minimum of 15 credit hours in courses at the 200 and/or 300-level in their majors at Northeastern Illinois University. At least 9 credit hours for a minor must be completed at NEIU.

CASEP - College of Arts & Sciences Education Program

Melanie Bujan, Coordinator and Instructor

Lech Walesa Hall, 3098
(773) 442-5654
Mail link (mabujan@neiu.edu)

The College of Arts and Sciences Education Program (CASEP), now entering its 16th year, is an educational initiative for full-time, first-year students interested in the possibility of becoming teachers. Seeking to provide early insights into teaching, CASEP's mission remains focused: offer classroom coursework and field experiences that highlight best practices in pedagogy. CASEP combines general education courses, supportive services for students, and early field experiences with discussion and feedback about teaching. CASEP's ultimate goal is to increase student success, which includes increasing overall student retention and decreasing time to degree.

Acceptance into CASEP allows a student to begin teacher training during the first year of college, two years prior to entering Northeastern's College of Education. CASEP comprises 10 courses, which satisfy general education requirements. As a member of CASEP, students take their courses with a cohort of like-minded individuals also interested in becoming teachers. CASEP students are engaged by arts integration, communication, and team building strategies, and also conduct observations in Pre K-12 classrooms alongside practicing teachers. Students in CASEP also may participate in service learning or part-time employment opportunities in educational settings. CASEP is a selective program with a limited enrollment of 40-45 first-year students.

Once accepted to Northeastern, students can obtain an application to CASEP at www.neiu.edu/casep. If qualified, you will be invited to interview with the CASEP Coordinator.

The following is the list of CASEP courses for 2016-17:

First Year Courses:

- Introduction to Communication, CMTC-100
- Introduction to Theatre, CMTT-130
- Teaching English in Chicago, TESL-109A (meets FYE course requirement)
- Writing I, ENGL-101
- Cooperative Learning in Adventure Education, PEMT-342T
- Schools and Society, SOC-104 (*elective*)

Sophomore Courses:

- Public Speaking, CMTC-101
- Writing II, ENGL-102
- Introduction to Earth Science, ESCI-121
- Philosophical & Historical Foundations of Public Education, EDFN-305
- Education and Individual Differences, EDFN-306

STUDENT CENTER FOR SCIENCE ENGAGEMENT

The Student Center for Science Engagement (SCSE) supports students in STEM disciplines in achieving academic and professional success. The Center's mission is to increase student interest and achievement in the sciences and to help prepare them for cutting edge, scientifically driven careers.

The Center primarily serves students in the departments of Biology, Chemistry, Computer Science, Environmental Science, Earth Science, Mathematics, Physics, and Psychology, assisting students to explore these areas of study and showing them how to lead fulfilling careers.

Center staff, with graduate degrees in the sciences and education, offer one-on-one advising to help with creating a plan for gaining professional experience and with taking the steps needed to pursue careers and graduate study. SCSE staff engage with students to identify and pursue internships, jobs, and graduate study opportunities and also help with preparing application materials. The SCSE hosts a summer research program for students and faculty. Events and workshops are offered throughout the year to help students network with professionals in the sciences and find ways to apply their studies, find out about careers in the sciences, and prepare for life after graduation. Tutors in select upper level science courses are also available.

To meet with an advisor for help with academic and professional development planning, consult with a tutor, study alone or in a small group, receive one of many information handouts and tipsheets, attend a workshop or event, or, to receive more information about summer internship, visit the Student Center for Science Engagement located in BBH 235 and BBH 247, and check out SCSE website (<http://www.neiu.edu/academics/student-center-science-engagement>) .

African and African American Studies

- Minor in African and African American Studies (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/african-african-american-studies/minor-african-african-american-studies>)

Brett Stockdill, Ph.D., Professor, Chair

Marshall Thompson Ph.D., Associate Professor, Program Coordinator

Core Faculty

Russell Benjamin, Ph.D., Professor, Political Science

Sharon Bethea, Ph.D., Associate Professor, Counselor Education

Chielozona Eze, Ph.D., Associate Professor, English

Alvin David Farmer, Jr., Ph.D., Associate Professor, Psychology

Courtney Francis, M.A., Instructor, Teaching English to Speakers of Other Languages

Alfred Frankowski, Ph.D., Assistant Professor, Philosophy

Nicole Holland, Ph.D., Professor, Educational Inquiry and Curriculum Studies

Tracy Luedke, Ph.D., Associate Professor, Anthropology

Christopher Merchant, Ph.D., Associate Professor, Psychology

Job Ngwe, Ph.D., Professor, Social Work

Wamucii Njogu, Ph.D., Associate Professor, Sociology

Jeanine Ntahirageza, Ph.D., Associate Professor, Teaching English to Speakers of Other Languages

Theophilus Okosun, Ph.D., Associate Professor, Justice Studies

Olivia Perlow, Ph.D., Associate Professor, Sociology

Donald Waddel, M.A., Instructor, Social Work

Durene Wheeler, Ph.D., Associate Professor, Educational Inquiry and Curriculum Studies

Lance Williams, Ph.D., Associate Professor, Educational Inquiry and Curriculum Studies

Conrad Worrill, Ph.D., Professor, Educational Inquiry and Curriculum Studies

AFAM-109. First Year Experience: Exploring Africa In Chicago. 3 Hours.

The Exploring Africa in Chicago course is designed to provide first year students with a brief overview of the African continent, and an opportunity to understand the rich and varied diversity of Africa and its peoples. Using Chicago as a lab, students will use standard research methods, library databases, websites, readings, speakers, films, and field experiences to discuss the rich heritage of African culture, music and arts, the continent's geography, pre-colonial and colonial history, oral and written history, its languages and ethnicity, the family systems, and political, economic, and democratic systems. Students will be encouraged to get out of the classroom and into various communities and institutions in the Chicagoland area, seek out individuals of African descent in academia, healthcare, business, industry and other professions, and use standard interview techniques to critically examine their contributions to the city of Chicago, to the United States, and to the world.

AFAM-200. Introduction To African And African American Studies. 3 Hours.

Introduction to African and African American Studies is an interdisciplinary and foundational course that introduces students to the field of African and African American Studies through an overview of the socio-economic, historical, psychological, political and cultural experiences of African peoples on the continent of Africa and throughout the Diaspora. Selected teachings are designed to give students a concise understanding of the heritage of African people in America and a framework to analyze the culture and institutional arrangements which both shaped the African Diaspora and was shaped by people of African descent throughout different parts of the world. Emphasizing an African-Centered philosophy and framework of analysis, the course content and emphasis includes a focus on students' acquisition of both an analytic ability and interdisciplinary skills of investigation and research and their development of a critical and comprehensive approach to challenging traditional Western orthodoxy, intellectual hegemony, and misinformation about Africa and its peoples. Particular emphasis is placed on the role of race, class, and gender in assessing similarities and differences in the African experience throughout the Diaspora.

AFAM-224. Contemporary African Culture. 3 Hours.

This course introduces students to the diversity of contemporary African cultural life as it has been addressed by cultural anthropologists. In Africa, one can find unique cultural practices and ways of living, as well as evidence that Africa is very much integrated into global economic and cultural flows. In this course students learn about Africans' experiences, both the patterns and the particularities, and gain a greater appreciation for the roles that Africans and African culture play in the world, including in the U.S. This course is cross-listed in the Anthropology Program (ANTH-224).

AFAM-301. Foundations Of African Civilizations. 3 Hours.

This is an interdisciplinary course examining African civilizations from the prehistoric past to contemporary periods utilizing an African centered perspective. The course uniquely employs a variety of multidisciplinary perspectives and materials from history, geography, anthropology, political science, art, sociology, linguistics and other disciplines. Course content and emphasis is placed on correcting misperceptions and stereotypes of Africa while exploring the rich and varied diversity of Africa, its rich history, the fundamental cultural commonalities shared by African peoples despite the diversity, and the significance and place of African civilizations on the world scene.

AFAM-302. Foundations Of Africans In The Diaspora. 3 Hours.

Foundations of Africans in the Diaspora is an interdisciplinary course that focuses on the history, culture and experiences of African descendents in North America, South America and the Caribbean utilizing the research and writings from history, sociology, and anthropology conducted on and by the descendents of African peoples in these geographic areas. The objectives that form the foundation of the content for this course represent several topical areas that are in keeping with the overall goals of the minor in African and African American Studies. The topical areas are aligned into units of study and include: The African Diaspora, Africans in North America, The African American experience, Africans in Latin America and the Caribbean, and the Afro-Brazilian, Mexican, Columbian, Jamaican, French, Cuban experiences. Course objectives will be achieved through individual readings and study, and class activities and lectures. The methods used in this course include lectures, open discussions, seminar discussions, structured activities, and media and are designed to accommodate diverse learning styles.

AFAM-303. Global Collaborations-Ghana. 4 Hours.

AFAM-303 provides students with an intensive, yet short-term cross-cultural exchange program that also provides significant experience in research and creative practices. Students travel to Ghana, West Africa, visit key cultural and historical sites, and engage in collaborative research and/or creative projects with students at Kwame Nkrumah University of Science and Technology (KNUST), guided by faculty from both NEIU and KNUST. Course sessions at NEIU before and after travel will frame the experience.

AFAM-319. Prehistory of Africa. 3 Hours.

Africa is the sole source of evidence for the origins of human culture. Many significant cultural developments and technological innovations occurred first in Africa. This course surveys the archaeological evidence for the origins of human behavioral patterns from the earliest hominins to the eve of European colonization of this diverse continent. Principal course themes include: the origins of human culture; the Early, Middle, and Late Stone Ages; the origins of food production and complex societies; the history of ancient kingdoms including internal growth and external influences; the impact of Islam and the European contact with Africa. This course is cross-listed in the Anthropology Program (ANTH-319).

AFAM-320. Religion And Healing In Africa and the African Diaspora. 3 Hours.

In numerous contexts throughout Africa and the African Diaspora there are cultural institutions that bring together healing, religious practices, spirit possession, and expressive culture (including music, dance, and costume) and direct them toward resolving the bodily and social misfortunes of participants. This course will investigate variations and continuities amongst a range of examples of this cultural institution, including African independent Christian churches, Candomble, Santeria, Vodou, and the "cults of affliction" or "ngoma" of Africa, in order to understand the resilience and relevance of an institution by means of which participants both analyze and respond to the world around them. This course is cross-listed in the Anthropology Program (ANTH-320).

Minor in African and African American Studies

The African and African American Studies Minor (AFAM) is the study, research, interpretation and dissemination of knowledge about the African/African Diaspora worlds that are found primarily in Africa, the United States, the Caribbean and South America but also among peoples of Asia and Europe. Interdisciplinary in both conception and practice, the AFAM program provides a challenging curriculum designed to critically examine the structure, organization, contributions, and perspectives of Africa and its peoples throughout the Diaspora. A major paradigm that informs the program's curriculum is an African-Centered framework that proceeds from a position internal to the cultures of African peoples. This approach is used concurrently with an awareness of and openness to the variation and richness of the total human experience. Additionally, selected teaching and course materials are designed to provide students with a concise understanding of the specific history, heritage and culture of African Americans. With a strong commitment to teaching excellence, the primary goals of the African and African American Studies program are to:

1. provide students with a comprehensive quality multicultural education and,
2. provide students the opportunity for a creative intellectual experience based upon the critical and systematic study of the life, thought and practice of African peoples in their current and historical development.

The AFAM minor is currently housed in the Sociology Department.

Note: Sociology majors and minors may use as electives any of the courses offered through the African and African American Studies Program.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in African and african american studies:

Required Courses:

AFAM-200	Introduction To African And African American Studies	3
AFAM-301	Foundations Of African Civilizations	3

AFAM-302	Foundations Of Africans In The Diaspora	3
Electives		9
Total Hours		18

Electives must be chosen from the selected interdisciplinary list of courses shown below.

ELECTIVES

African and African American Studies

AFAM-109	First Year Experience: Exploring Africa In Chicago	3
AFAM-224	Contemporary African Culture	3
AFAM-303	Global Collaborations-Ghana	4
AFAM-319	Prehistory of Africa	3
AFAM-320	Religion And Healing In Africa and the African Diaspora	3

Anthropology

ANTH/AFAM-224	Contemporary African Culture	3
ANTH-225	Peoples Of Mexico/Central America/Caribbean	3
ANTH/AFAM-319	Prehistory Of Africa	3
ANTH-320	Religion In Africa	3
ANTH-365	Anthropology Of Islam	3

English

ENGL-365	Caribbean Literature	3
ENGL-381	African-American Literature	3
ENGL-383	Postcolonial African Literature	3

Geography and Environmental Studies

GES-302C	Regional Geography: Africa (Geography and Environmental Studies)	3
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History

HIST-111E	World History: Africa	3
HIST-329A	African American History To 1865	3
HIST-329B	African American History And Race Relations Since 1865	3
HIST-370	Precolonial Sub-Saharan Africa	3
HIST-371	Nineteenth And Twentieth Century Africa	3
HIST-372	History Of Southern Africa, 1800-Present	3
HIST-373	Women & Gender In African History (History)	3

Inner City Studies

ICSE-202	Colonial Systems	3
ICSE-204	Introduction To African Civilizations	3
ICSE-301	Racism In Theory And Fact	3
ICSE-304	Communication In The Inner City	3

Justice Studies

JUST-202	Writing Intensive Program:Justice And Inequality	3
JUST-331	Law And Racism In America	3

Music

MUS-342	World Music	2
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Philosophy

PHIL-364	Critical Race Theory	3
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Political Science

PSCI-330	African American Politics and Social Change	3
PSCI-360	Politics Of Sub-Saharan Africa	3
PSCI-397	African Political Thought	3

Psychology

PSYC-314	Psychology Of The African American Family	3
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Social Work

SWK-202	Community Analysis	3
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SWK-203	Analysis Of Cross Culture Interaction	3
SWK-250	Issues In Social Service Delivery	3
SWK-314	Social Work Advocacy	3
Sociology		
SOC-309	Sociology Of Racism	3
SOC-316	Race And Ethnic Relations	3
SOC-344	African American Women:Feminism, Race, And Resistance	3

In order to ensure that minors obtain a wide range of knowledge and analytical ability, students are required to take elective courses in, at minimum, two different disciplines. Students must consult with a program adviser to plan a sequence of study through elective courses.

Anthropology

The discipline of anthropology uniquely incorporates both cultural and biological perspectives in its study of the diversity of past and present humans, as well as that of our close primate relatives. With a strong commitment to teaching excellence, the NEIU Department of Anthropology offers courses leading to the degree of Bachelor of Arts. The Department of Anthropology provides a challenging curriculum in the sub-disciplines of cultural anthropology, biological anthropology, and archaeology that encourages field-based learning, data-oriented research, and a solid grounding in the theoretical constructs and ethics of the discipline. Students taking courses in Anthropology develop a multifaceted understanding of human diversity steeped in time, multicultural ethnographic comparisons, and the science of our physical form. This enriching perspective is not only well suited for subsequent graduate studies and professional careers both in and outside of anthropology, but also for fostering an acceptance of others and negotiating the many facets of our modern global society.

NEIU Anthropology offers a variety of exciting internship and field opportunities to highly motivated, advanced students, including internships at the Field Museum (zoological prep and curation; scientific illustration), Lincoln Park Zoo (ethology), Pan African Association (refugee assistance), and the Mitchell Museum of the American Indian (material culture). NEIU Anthropology conducts an archaeological field school in Belize and participates in a unique, research based study tour in Ghana in alternating summers (AFAM-303 (<http://catalog.neiu.edu/search/?P=AFAM-303>)). We have also developed digital imaging and morphometrics facilities we share with the Art Department. These resources, including a 3D printer, laser scanner, and a MicroScribe digitizing arm, will be available for faculty and student research. Contact your anthropology advisor to discuss these and other research and field opportunities.

If you are a first year student interested in learning more about Anthropology, consider taking one of our First Year Experience courses that carry General Education credit in the Natural Sciences (ANTH 109B) and the Social/Behavioral Sciences (ANTH 109D):

ANTH-109B	First Year Experience: Skeletons In Chicago's Closet	3
ANTH-109D	First Year Experience: Aliens, Curses, And The Chicago Cemetery: Explaining The Past	3

- Major in Anthropology (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/anthropology/anthropology>)
- Minor in Anthropology (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/anthropology/minor-anthropology>)

Jeanine Ntahirageza, Ph.D., Associate Professor, Chair

Lesa C. Davis, Ph.D., Associate Professor of Anthropology, Coordinator of Anthropology

Jon B. Hageman, Ph.D., Professor of Anthropology, Coordinator of Honors Program

Tracy J. Luedke, Ph.D., Associate Professor of Anthropology, Coordinator of Global Studies Program

Russell Zanca, Ph.D., Professor of Anthropology

ANTH-109B. First Year Experience: Skeletons In Chicago's Closet. 3 Hours.

Bones hold an enormous amount of information about individuals and populations. This active class investigates what can be learned from bones and teeth in the context of forensic anthropology, bioarchaeology, and paleobiology. We will start by learning the bones of the skeleton and move on to identifying age, sex, trauma, etc., in forensic and archaeological contexts. Finally, we will look at fossil bone and what it can reveal about past life. Students will work with bones and models in lab, complete group and individual projects, and will learn and apply useful techniques for college success. First year students only.

ANTH-109C. First Year Experience: Skin Of Chicago. 3 Hours.

We wear about 9 lbs. of it every day, but we take most of its functions, adaptations, uses, and subtle cultural signals for granted. Skin is something everyone should know inside and out. For anthropologists, skin is a place where issues of biology, comparative anatomy, culture, evolution, archaeology, tradition, taboo, ritual, art, diversity, and race all come together. An understanding of human skin helps to turn over the judgments people make about others based on skin color. Using Chicago as a field laboratory, we will discover the wonders of skin, ever mindful of how we fit inside our own.

ANTH-109D. First Year Experience: Aliens, Curses, And The Chicago Cemetery: Explaining The Past. 3 Hours.

Why have people proposed that aliens are responsible for the pyramids? This course explores how archaeologists evaluate data and reconstruct societies of the past by examining specific cases from scientific and other perspectives. You will also examine the implications of various interpretations of the past. The way we interpret the past can teach us a great deal about how modern thinking has informed, and is informed by, archaeology. This First Year Experience course counts for General Education credit in the Social/Behavioral Sciences.

ANTH-200. Writing In Anthropology. 1 Hour.

This one credit hour course provides anthropology majors and minors with practical skills to support solid scholarship and success in their future 300 level classes in archaeology, biological anthropology, and cultural anthropology. Topics covered in this course include: critical thinking and reading; the nature of academic sources; writing a summary vs. review; appropriate paraphrasing and citation; research paper organization and library research; and anthropology online resources. This course also reviews departmental expectations for ethics in research, academic integrity and preventing plagiarism. This course must be taken within one semester after the ANTH major or minor is declared.

Corequisite: ANTH-355.

ANTH-212. Introduction To Cultural Anthropology. 3 Hours.

Cultural anthropology is the study of contemporary human social life. In this course, students learn about the discipline by reading its recent scholarship and experimenting with its research methods. The course addresses multiple, diverse domains of the human experience, including language and art, gender and sexuality, kinship and family, race and ethnicity, economics and politics, religion and health, globalization and migration. Students develop an appreciation for cultural diversity as they read the results of anthropological research conducted the world over and hone their analytical skills as they investigate the cultural worlds they engage with right here in Chicago.

ANTH-213. Introduction To Archaeology. 3 Hours.

Archaeology focuses on past societies by uncovering and analyzing what they left behind. Students will explore the theories and methods archaeologists use to interpret, reconstruct, preserve, and ultimately learn from the past. This class highlights how archaeology can address important social, economic, and ideological questions including the origins of food production, social inequality, and civilization. This course fulfills General Education/UCC credit in the Social/Behavioral Sciences area.

ANTH-215. Human Origins: Introduction To Biological Anthropology. 3 Hours.

This multi-faceted, data-oriented course explores the biological diversity of humans and other primates in the past and present. Using fossil casts, hands-on activities, and the scientific method, students will analyze the evidence for more than six million years of human evolution. This course reviews the principles of genetics and inheritance and examines the evolutionary processes that contribute to modern human variation. Students will also explore the ecology and behavior of lemurs, monkeys, apes, and other primates and their significance for understanding our origins.

ANTH-221. Peoples Of South America. 3 Hours.

South America is home to the world's driest deserts, some of its highest mountains, one of its richest fisheries, and an immense area of lowland rainforest. Explore the contemporary peoples and cultures of South America from the colonial period to the 21st century from Panama to the tip of Argentina. Students will learn about the effects of European and later national policies on indigenous populations, as well as strategies of resistance to those external pressures. (C).

ANTH-223. North American Indians. 3 Hours.

This course examines the cultures of North American Indian populations from the time of European contact to the modern day. The record of Indian-non-Indian interactions and relationships from colonial times to the present is analyzed. Changes in Indian cultures are explored in light of external pressures from the state, environmental changes, and shifting internal dynamics. (C).

ANTH-224. Contemporary African Culture. 3 Hours.

This course introduces students to the diversity of contemporary African cultural life as it has been addressed by cultural anthropologists. In Africa one can find unique cultural practices and ways of living, as well as evidence that Africa is very much integrated into global economic and cultural flows. In this course students learn about Africans' experiences, both the patterns and the particularities, and gain a greater appreciation for the roles that Africans and African culture play in the world, including in the U.S. This course is cross-listed in the African and African American Studies Program (AFAM-224). (C).

ANTH-225. Peoples Of Mexico/Central America/Caribbean. 3 Hours.

This wide-ranging course surveys the contemporary peoples and cultures of Mexico, Central America, and the Caribbean Islands, focusing on the diversity of ethnicities, languages, and local perspectives and responses to colonialism and globalization. (C).

ANTH-238. Peoples Of Central Asia. 3 Hours.

Survey of Turkic, Mongolian and Iranian peoples, including Siberia, Uzbekistan, India and Iran. Students study Silk Roads archaeology and history, music, cuisine, religions, and politics of contemporary Central Asian societies. Extensive use of artifacts, songs, maps, photos, and videos from the region illustrate this most fascinating part of the world. (C).

ANTH-250. Latin American Archaeology. 3 Hours.

Interested in the roots of Latin American culture? This course provides an introduction to ancient indigenous civilizations that rose in three different geographic regions of Latin America: The Maya of Belize, Guatemala, Honduras, El Salvador and Mexico; the Mexica or Aztec of the Central Mexican Highlands; and the Inka of the Andes Mountains of Peru, Bolivia, and Ecuador. The dramatic impact of Spanish contact and conquest on native populations will also be covered. This course is broadly comparative and relies heavily on visual media to convey essence of prehistory and early history of Latin American civilization. (A).

ANTH-252. North American Archaeology. 3 Hours.

This fascinating course explores the prehistory of Native Americans in the from the initial peopling of the New World through the subsequent domestication of plants and development of complex civilizations in the United States, Canada, and northern Mexico. The wide variation, and commonalities, in cultures, practices, and material remain are explored. (A).

ANTH-261. Biology Of Behavior. 3 Hours.

Why do we act the way we do? Are we at the mercy of our genes or does environment shape our behavior? This engaging course looks at the nature/nurture debate and will evaluate claims of the biological basis of behavior. Topics discussed include: communication and the origins of language, hormonal and genetic influences on behavior, sociobiology and the evolution of behavior, possible universals of human nature, and the use and misuse of biology to justify or condemn human behavior. Special emphasis on critical review of popular media claims of the biological basis of behavior. (B).

ANTH-290. Graduating Anthropology. 1 Hour.

This course highlights the relevance of a liberal arts education in today's world and the particular strengths of an anthropological perspective. The course guides students in identifying the key skills they have gained through completing a degree in anthropology and in articulating the value of those skills to potential employers and graduate programs. Coursework includes preparation for postgraduation endeavors and hands-on training in producing effective c.v./resumes, cover letters, and graduate program statements of purpose. This course should be taken within one year prior to graduation.

ANTH-300. Writing Intensive Program: Writing in Anthropology. 3 Hours.

This required course provides anthropology majors with practical training in all aspects of effective disciplinary writing, from the mechanical to the conceptual. Topics covered include: identifying and vetting sources, critical reading and note-taking skills, writing conventions, literature reviews, citations, crafting an argument, outlining, revision, academic integrity, and presentations. Students will engage in a series of stepped research and writing activities leading to a final project that demonstrates the skills accrued over the semester. This course fulfills the Writing Intensive requirement. It must be taken within 2 semesters of declaring the major and before taking most 300 level ANTH courses.

Prerequisite: ENGL-101 minimum grade of C.

ANTH-302. Human Osteology. 4 Hours.

There are 206 bones in the adult human skeleton and more in that of a juvenile. Skeletal analysis is a core focus of biological anthropology with applications in archaeology, anatomy, medicine, forensics, and paleontology. This course represents an intensive study of the human skeleton focusing on bone growth, morphological variation (sex, ancestry, etc.), and identifying trauma/pathology. Students will learn to identify and side each bone, its landmarks, and bone fragments in fetal through adult skeletons. Class will include a mix of lecture and concentrated work with the osteology collection. Students will complete a comprehensive analysis of a human skeleton. (B).

ANTH-306. The Rise Of Complex Societies: The Archaeology Of State Formation And Urbanization. 3 Hours.

This course provides an in-depth, comparative exploration of the emergence of social hierarchy and centralized political formations in the Old and New Worlds. Students will become familiar with the political institutions, economic structures, and religious traditions of the world's earliest "civilizations" in the Americas, the Near East and China while probing anthropological theories on the rise of cities and states. Students will develop an understanding of the varied factors that drove parallel or divergent forms of social complexity and will partake in archaeological problem-solving involving both method and theory. (A).

Prerequisite: ANTH-213 minimum grade of C.

ANTH-307. Anthropology Of Gender, Sexuality And The Body. 3 Hours.

The course introduces students to approaches to gender in cultural anthropology, focusing especially on the body as the site where these historically and culturally specific notions of difference and identity are realized. Course materials address a variety of gendered bodily experiences cross-culturally and investigate the ways they are implicated in notions of masculinity and femininity. Course topics include initiation practices and other means of attributing sex/gender identities; reproduction and fertility control; beauty and body image; health and illness; warfare and violence; and sexuality and sexual orientation. (C).

ANTH-309. Egyptian Archaeology. 3 Hours.

This course explores ancient Egyptian society and culture from the Predynastic through the New Kingdom periods, with an emphasis on internal and external factors that helped shape and mold change and expansion of Egyptian society. Students will develop an understanding of long-term political, social, religious, and economic developments along the lower Nile River. (A).

Prerequisite: ANTH-213 minimum grade of C or ANTH-240A minimum grade of C.

ANTH-310. Middle Eastern Archaeology. 3 Hours.

The Middle East is widely known as "the cradle of Western Civilization," and this course explores the archaeological evidence for ancient cultures of the Middle East, particularly areas of modern-day Kuwait, Iran, Iraq, Syria, and Turkey, from prehistoric times to the fifth century B.C. Ancient Mesopotamian societies, including Akkadia, Assyria, Babylonia, and Sumer are examined through the end of the Iron Age. (A).

Prerequisite: ANTH-213 minimum grade of C.

ANTH-313. Witchcraft And Sorcery. 3 Hours.

Study of some of the supernatural explanations of evil with major emphasis on the description of the various forms of these beliefs and the reasons, both conscious and unconscious, for these beliefs. Examples are drawn from the non-Western world, Medieval through seventeenth century Europe and Old and New England. (C) Prereq.: ANTH-212.

ANTH-314. Anthropology Of Religion. 3 Hours.

Study of the ways that religions, both past and present, act to support or alter the social systems or sub-systems with which they are associated. The ways that individuals respond to the value systems and world views of various religions are examined, as well as the individual motivations for adherence to the various religions. (C).

Prerequisite: ANTH-212 minimum grade of C.

ANTH-315. Greek Archaeology: Bronze Age. 3 Hours.

The archaeology of Aegean Greece, from 3600-1000 BCE, is the focus of this engaging course. It includes the ancient societies of mainland Greece, Crete, and the Cyclades. As the origins of dynamic city-states, urbanization, art, and a writing system in the eastern Mediterranean, these areas are not only fascinating in their own right, but also prefigured later Classical and Hellenistic civilizations. (A).

Prerequisite: ANTH-213 minimum grade of C.

ANTH-316. Greek Archaeology: Classical Age. 3 Hours.

This course explores the archaeology of ancient Greece from the end of the Bronze Age (1000 BCE) through the death of Alexander the Great (323 BCE). This fascinating era includes an examination of the Greco-Persian wars and the Greek colonization of Spain, France, Italy, and the shores of the Black Sea. We will explore the roles that politics, religion, and commerce played in the development of Classical Greek society, as evidenced in the archaeological record. (A).

Prerequisite: ANTH-213 minimum grade of C.

ANTH-317. Medical Anthropology. 3 Hours.

This course presents cultural anthropological perspectives on the subjects of health, illness, and healing. Students are introduced to illness categories, healing practices, relationships between patients and healers, and notions of the body as they exist cross-culturally. Course materials will address health and healing as associated with biomedicine, religion, spirit possession, and a range of other cultural responses to human suffering and its resolution. (C).

ANTH-319. Prehistory Of Africa. 3 Hours.

Africa is the sole source of evidence for the origins of many significant cultural developments and technological innovations. This course surveys the archaeological evidence for human behavioral patterns from the earliest hominins to the eve of European colonization of this highly diverse continent. Principal themes include: origins of human culture; Early, Middle, and Late Stone Ages; origins of food production and complex societies; history of ancient kingdoms including internal growth and external influences; and the impact of Islam and the European contact with Africa. This course is cross-listed in the African and African American Studies Program (AFAM-319). (A).

Prerequisite: ANTH-213 minimum grade of C or ANTH-240A minimum grade of C.

ANTH-320. Religion In Africa. 3 Hours.

Religion is a subject that has fascinated anthropologists since the discipline's beginnings. In this course, we look at religion as it is practiced across the African continent, in all its diversity and complexity. Readings include ethnographic examples of African approaches to Christianity, Islam, spirit possession, and religious healing that reveal the relevance of practices by means of which participants both analyze and respond to the world around them. This course is cross-listed in the African and African American Studies Program (AFAM-320). (C).

ANTH-327. Dental Anthropology: Dental Morphology, Evolution, And Adaptation. 3 Hours.

This class will explore the evolution of mammalian teeth with a specific focus on primates. Students will first study the morphology, development, and functional adaptations of dentition. Special attention will be paid to the relationship between dentition and feeding ecology. The second portion of the class will primarily focus on the human dentition. Topics covered will include dental traits, the genetics of trait inheritance, geographic variability, and the application of dental anthropology in the bioarchaeological context. Throughout the semester students will be able to handle and study dental casts and will complete in-class labs on a variety of topics.

Prerequisite: ANTH-215 minimum grade of C.

ANTH-329A. Evolution Of The Human Diet. 3 Hours.

The human diet is a product of evolution, culture, and the environment. This class will explore nutrition, its influence during development, the role of diet in human speciation events, and evidence of diet in the archaeological record. Students will examine foraging strategies in contemporary human populations and how food choice might be influenced by genetics. Health implications of dietary shifts, including the development of agriculture and industrialization, will also be discussed. Finally, a portion of the course will focus on how non-human primate dietary adaptations and behaviors can be used to better understand our own lineage's changing dietary profile. (B).

Prerequisite: ANTH-215 minimum grade of C.

ANTH-332. Human Growth And Development In Evolutionary Perspective. 3 Hours.

Anthropologists study the dynamics of human growth and development from an evolutionary perspective. In this course, we will investigate the history of the study of human growth and the biological principles of growth. Students will examine the genetic and hormonal effects on human and other mammal growth including nutrition, disease, socio-economic status, pollution etc. Highlighting unique features of human growth in its various stages, we will also examine how anthropologists interpret variation in growth patterns among human populations and the possible adaptive significance of this variation. (B).

Prerequisite: ANTH-215 minimum grade of C.

ANTH-335A. Zooarchaeology. 3 Hours.

Zooarchaeology focuses on the identification and analysis of faunal (animal) remains from archaeological sites and what they can tell us about past human ecology and behavior. Zooarchaeologists study which animals were hunted and how they were butchered, prey and camp seasonality, the role of hunting versus scavenging, and the processes of animal domestication. This course will introduce students to theory and method in zooarchaeology and the basics of faunal analysis using lecture, review of current professional literature, discussion, and hands on labs. Students will relate their findings to broader questions in archaeology, paleontology, and paleoanthropology. (A).

Prerequisite: ANTH-213 minimum grade of C.

ANTH-337A. Anthropology Of Death. 3 Hours.

In death, the human body is transformed by the living into a powerful symbol. Treatment of the corpse is linked to ideas of death, the afterlife, and social boundaries. Studies of ancient burials reveal the nature of funerary practice and belief, as well as social organization. Human remains are often involved in rites of passage where the deceased are separated from the living and transformed into ancestors and other beings. This course focuses on how anthropologists study funerary rituals and beliefs about death from a cross-cultural perspective, and will examine the meaning of human practices of death and burial. (A).

Prerequisites: ANTH-212 minimum grade of C and ANTH-213 minimum grade of C and ANTH-215 minimum grade of C.

ANTH-339. Paleoanthropology: The Fossil Record Of Human Evolution. 3 Hours.

Paleoanthropology is the study of the human fossil record. This exciting course examines over 7 million years of human evolution and the biological processes that have shaped this most unique radiation. Using fossil casts, computer models of early humans as well as replicas of archaeological artifacts, students will explore the fundamentals of paleoanthropological research. The course will detail the controversies and differing interpretations of the fossil evidence for human evolution including the most current proposed evolutionary relationships of early humans to *Homo sapiens*. (B).

Prerequisite: ANTH-215 minimum grade of C.

ANTH-343. Anthropology Of The Body. 3 Hours.

The human body is a simultaneously biological and cultural entity—bones, blood, and flesh reveal the processes of biological evolution and also reflect cultural practices and ideas. This course takes a holistic approach to the body by juxtaposing perspectives from biological and cultural anthropology. For example, blood has adaptive biological qualities and is also a cultural metaphor for familial, ethnic, and national belonging. Senses reveal the evolutionary divergence of the human lineage and have prominent roles in different religious and healing practices. At the intersection of these perspectives lie significant insights regarding what it means to be a human being.

ANTH-349E. Environmental Archaeology. 3 Hours.

This course will provide an overview of how archaeologists study human-environment relationships. It will treat landscapes as dynamic products of natural processes, cultural activities, and social practices and expose students to the various techniques and methods by which archaeologists reconstruct ancient human-environment relationships, ranging from geomorphological to paleoecological methods. In addition to surveying techniques and methods useful to environmental archaeology, the course materials will include a series of empirical case studies detailing the anthropogenic landscape histories of several world regions. (A).

Prerequisite: ANTH-213 minimum grade of C.

ANTH-349S. Archaeology of South Asia. 3 Hours.

This course surveys the archaeology of South Asia, beginning with animal and plant domestication in the early Holocene and ending with the arrival of the British East India Company in the 17th century AD. Given the chronological breadth and spatial scope, the class will most fully detail archaeological and historical periods that contribute significantly to anthropological questions on the origins of domestication, the development of complex societies, the role of religion in early state authority, climate change and cultural change in the past, and the relationships between ancient agricultural and pastoral-based societies. (A).

Prerequisite: ANTH-213 minimum grade of C.

ANTH-352. Archaeological Lab Methods. 3 Hours.

(REPLACES ANTH-352: Archaeological Methods) In this course, students will be introduced to the laboratory methods that archaeologists use to assess soils, landform data, and artifacts uncovered from archaeological sites. Students will gain hands-on experience as they apply important principles and concepts used by archaeologists to clean, conserve, describe, analyze, and curate various types of artifacts, ecofacts, and other data. In addition, students will understand how field conditions, research interests, conservation concerns, and budget constraints influence the scope and scale of lab efforts in archaeology. (A) Prereq.: ANTH-213.

Prerequisite: ANTH-213 minimum grade of C or ANTH-240A minimum grade of C.

ANTH-355. Writing Intensive Program: History Of Anthropology. 3 Hours.

The course addresses developments in anthropology by tracing changes and continuities in the topics, theories, and methods employed in archaeology, biological anthropology, and cultural anthropology. Students will focus on the ideas and approaches that have informed the trajectory of a particular subfield. The course provides a historical context that enriches an understanding of anthropology not only as a field, but also as a part of a long, multidirectional disciplinary conversation. This course fulfills the Writing-Intensive requirement for the Anthropology major.

Corequisite: ANTH-200.

ANTH-356. Human Variation. 3 Hours.

People look different from each other. Can we be classified into races or do we follow other patterns of variation? This provocative course will examine the role of heredity and environment in determining the world distribution of human biological traits. Students will study the adaptive significance of observable phenotypic differences in skin, hair, and eye color, facial features, and body proportions. Less obvious traits such as blood type and differential adaptation to disease and diet will also be explored. Finally, students will learn about and critically analyze the history of race studies and their far-reaching social and political implications. (B).

Prerequisite: ANTH-215 minimum grade of C or BIO-303 minimum grade of C.

ANTH-357. Economic Anthropology: Shells, Pigs, And Gold. 3 Hours.

Is greed simply a part of human nature? do all humans simply have endless wants and desires for material goods? More than a century ago anthropologists began questioning assumptions of classical Western economics, and began to show that societies have diverse values as people pursue wealth and the good life. The course design gives students insights into the variety of economic systems by tapping into ethnographic literature that has overturned mainstream economic wisdom. Take a look at economics from a fresh and intriguing micro-level perspective that incorporates many other aspects of cultural life, including marriage and ecology. (C).

ANTH-359. Museum Studies. 3 Hours.

This class will take the student on a tour of some of the world's most fascinating institutions, and teach the history and theory behind their development. The course will also focus on many of the activities that take place in museums that make them such a valuable asset to the scientific and educational communities. (C).

ANTH-364. Culinary Anthropology. 3 Hours.

Anthropologists and historians research behaviors, origins, and traditions of human association with a variety of foodstuffs and foodways. We do so all in an effort to answer the "when", "how", and "why" questions connected to particular foods and the contexts in which eating them became appropriate and sought after. In this course we explore eating, foodstuffs, and cookery from nutritional, artistic, sensual, political, socioeconomic, and popular perspectives, among others. Students also explore Chicago's world cuisines by dining in and out in a variety of symposia, combining good eating and good thinking. (C).

Prerequisite: ANTH-212 minimum grade of C or HIST-111 minimum grade of C.

ANTH-365. Anthropology Of Islam. 3 Hours.

Do all Muslims practice their faith in the same way? Is there really only one type of Muslim society? Based on consideration of major Islamic beliefs, the history of Islamic expansion and civilization, and the cultures of contemporary Muslim societies, the thesis of this course is that there are numerous cultural approaches to Islam. Students learn by reading within and outside of anthropology to better inform themselves of contemporary issues and understandings of the dynamism that characterizes Islamic cultures. (C).

ANTH-366. Mesoamerican Continuity And Change. 3 Hours.

Mesoamerican peoples of Mexico, Belize, Guatemala, Honduras, and El Salvador can claim a heritage that reaches into antiquity. This course examines the beliefs and practices of the cultures of Mesoamerica from the Prehispanic past into the 21st century, including events that have eliminated, modified, or introduced new elements to Mesoamerican cultures and transformed their peoples. An element of this course includes how peoples originating from Mesoamerica may or may not maintain continuities after relocating to the United States. This course serves as an elective for the Latino and Latin American Studies minor. (A or C).

ANTH-368. Primate Biology And Adaptation. 3 Hours.

The primate adaptive radiation is over 50 million years old and exhibits some of the most striking anatomical adaptations found among mammals. This course focuses on the morphological diversity of primates. We will first examine the evolution of traits that distinguish primates from other mammals, and will then shift focus to features that differentiate species and lineages within the Order. Specifically, adaptations related to diet, feeding, foraging, communication, predator avoidance, positional behavior, habitat, reproduction, among others, will be highlighted. Students will work extensively with scientific literature and the bone and cast collection. (B).

Prerequisite: ANTH-215 minimum grade of C or BIO-320 minimum grade of C or BIO-327 minimum grade of C.

ANTH-371. Forensic Anthropology. 3 Hours.

Forensic anthropology is an applied science that uses the methodology of biological anthropology to evaluate human skeletal remains in a medico-legal context. This course focuses on the theory and practice of building biological profiles and analyzing circumstances surrounding human death. Students will review the current state of forensic anthropology using published studies on estimating age/sex/ancestry/etc., identifying bone trauma and the postmortem interval, and applying methods of individuation (facial reconstruction, odontology, X-ray, DNA, etc.). The course also highlights the ethics and cross-disciplinary nature of forensic anthropology, and its central role in mass/natural disasters and worldwide human rights violations. (B).

Prerequisite: ANTH-215 minimum grade of C or ANTH-302 minimum grade of C.

ANTH-373. Urban Anthropology. 3 Hours.

Urban anthropology is the holistic study of human beings in cities. This course addresses various aspects of the broad sweep of urbanization, from the ancient urban revolution of the present shift to a majority of people living in cities, focusing especially on the urban United States. We will engage with anthropological work that balances social theory with rich ethnographic portraits, opening debates on the meanings and values of urban life. We will examine race, gender, inequality, institutions, and case studies on immigration, gentrification and sustainability, and using Chicago as our laboratory, students will conduct and write ethnographies of their own. (C).

Prerequisite: ANTH-212 minimum grade of C.

ANTH-374. The Maya. 3 Hours.

This is an exciting and in-depth exploration of ancient Maya society from its origins to Spanish contact. The course reviews chronologies, geography, and time periods used by Mayanists to help understand larger trends in Maya society. You will also evaluate issues and debates that currently exist within Maya studies. These include questions of economy, politics, social organization, religion, and ideology. Finally, the decipherment of the Maya script is examined. You will have the opportunity to critically examine a specific topic during the semester. (A).

Prerequisite: ANTH-213 minimum grade of C or ANTH-250 minimum grade of C.

ANTH-375. Anthropology Of Globalization. 3 Hours.

The course will address social forces, practices, and experiences related to the ever-increasing transnational interconnectedness of societies across the world. Through readings from the anthropological literature on globalization and related issues, we will critically address the ways "globalization" is conceived and theorized by contemporary scholars; its effects on the construction of identity; the roles of commodities, consumer culture, and the media; and the ways in which the processes referred to as globalization both broaden and expand notions of "community" and "culture", and present new varieties and intensities of difference, disjuncture, and marginalization. (C).

ANTH-376. Primate Behavior. 3 Hours.

One of the evolutionary hallmarks of being a primate is sociality and primates exhibit a diverse array of behavioral adaptations for navigating complex social groups. Primate behavioral ecology is a fascinating field that informs our understanding of primate interactions and the origins of our own behavior. This course will highlight how primatologists study behavior and how evolution and ecological variables shape primate sociality in the contexts of group structure, male/female dynamics, reproduction, feeding, predation pressure and social learning, among other topics. Students will examine the diversity of primate sociality using current primatological literature, discussion, video, assignments and zoo visits. (B).

Prerequisite: ANTH-215 minimum grade of C.

ANTH-377A. Anthropology Of Television. 3 Hours.

Cultural anthropologists have long trained their sights on the ordinary practices of everyday life, understanding that careful study of mundane activities yields insights into the weightiest questions of human experience. However, despite its ubiquity in popular culture and centrality as a form of representation and forum for cultural debate, anthropologists have only slowly come to the study of television. This course addresses the relatively recent but burgeoning anthropology of television and suggests that attention to the ways people around the world make, watch, interpret, discuss, and critique television programs provides an important vantage on the workings of culture, power, and knowledge in the contemporary world.

ANTH-378. Anthropology Of Power. 3 Hours.

The study of politics concerns who gets what, why, and how in societies. Anthropologists study political systems by examining the varieties of human practices involving rules and laws, persuasion and coercion. This course surveys how politics have been studied by anthropologists for the past 130 years, from indigenous North Americans to Trobriand Islanders and especially how anthropologists increasingly became political themselves as more and more peoples began living under the authority of modern nation states. (C).

ANTH-379A. Pan-African Association Internship. 3 Hours.

Interns work 10 hours per week for the duration of a semester at the Pan-African Association, an organization that provides services to refugees in Chicago. Interns assist with in-home mentoring, English language training, job readiness training, and community outreach, among other duties and projects. The PAA Internship provides high-achieving Northeastern students with the opportunity to learn about the experiences of refugees in the U.S. and gain experience in the work of a refugee services organization and provides PAA with committed, hardworking students who can serve the goals of the organization and the needs of its clients.

Prerequisite: ANTH-212 minimum grade of C or GS-201 minimum grade of C.

ANTH-380. Archaeological Field School. 6 Hours.

Want to work on an archaeological site? In this intensive field course, students will explore field, lab and survey techniques on an actual archaeological dig. Students will learn excavation techniques and protocol in the treatment and recovery of artifacts, ecofacts, features, and structures. Students will also develop skills in mapping and use of various field technologies including GPS. Instruction will also include lab methods for processing, analyzing and curating material remains. Location of Field School may vary year to year. (A) Prereq.: ANTH-213 or ANTH-250 or ANTH-374 or consent of instructor.

ANTH-3811. Independent Study In Anthropology. 1 Hour.

Academic credit for special research project student conducts with individual guidance from a faculty member. Projects that could be completed in an established course are not appropriate for Independent Study. Student must submit project proposal to the faculty member in the semester prior to the one in which project is to be conducted; see "Individualized Study" in anthropology program entry for more information. Student must have completed two courses in the anthropological subdiscipline of proposed topic prior to enrolling in Independent Study. Independent Study requires approval of instructor, department chair and college dean. (A,B,C) Prereq.: Consent of Instructor.

ANTH-3812. Independent Study In Anthropology. 2 Hours.

See course description for ANTH-3811.

ANTH-3813. Independent Study In Anthropology. 3 Hours.

See course description for ANTH-3811.

ANTH-3821. Fieldwork In Anthropology. 1 Hour.

Academic credit for ethnographic, primatological, archaeological, paleontological, forensic, applied, or other relevant and typically off-campus anthropological fieldwork opportunities arranged for by the student. Student enrolls with anthropology faculty member who guides and oversees work. Fieldwork in Anthropology credits are designed to help students improve research skills, apply principles learned in the classroom, take advantage of fieldwork opportunities, and explore career options. Students must have completed two courses in the anthropological subdiscipline of the proposed fieldwork prior to enrolling in Fieldwork in Anthropology. Fieldwork in Anthropology requires approval of instructor, department chair and college dean. (A,B,C).

ANTH-3822. Fieldwork In Anthropology. 2 Hours.

See course description for ANTH-3821.

ANTH-3823. Fieldwork In Anthropology. 3 Hours.

See course description for ANTH-3821.

ANTH-3824. Fieldwork In Anthropology. 4 Hours.

See course description for ANTH-3821.

ANTH-3871. Field Museum Internship. 1 Hour.

Student intern assists Field Museum staff behind the scenes in the Mammals section (anatomy, prep, curation) or Anthropology section (scientific illustration). Work varies with assignment and can include specimen preparation/processing, collections management, resolving taxonomic issues, research, data management, apprenticeship with professional illustrator, and more. Internship requires significant commitment of 15-20 hours/week for the semester and a journal or final project depending on credit hours (1-6). Additional requirements listed in Anthropology entry of online Academic Catalog. Eligible students apply for internship through NEIU Anthropology Department. Approval is subject to consent of Field Museum staff. (B).

Prerequisite: ANTH-302 minimum grade of C or ANTH-368 minimum grade of C.

ANTH-3872. Field Museum Internship. 2 Hours.

(See ANTH-3871 for description.).

Prerequisite: ANTH-302 minimum grade of C or ANTH-368 minimum grade of C.

ANTH-3873. Field Museum Internship. 3 Hours.

(See ANTH-3871 for description.).

Prerequisite: ANTH-302 minimum grade of C or ANTH-368 minimum grade of C.

ANTH-3874. Field Museum Internship. 4 Hours.

(See ANTH-3871 for description.).

Prerequisite: ANTH-302 minimum grade of C or ANTH-368 minimum grade of C.

ANTH-3875. Field Museum Internship. 5 Hours.

(See ANTH-3871 for description.).

Prerequisite: ANTH-302 minimum grade of C or ANTH-368 minimum grade of C.

ANTH-3876. Field Museum Internship. 6 Hours.

(See ANTH-3871 for description.).

Prerequisite: ANTH-302 minimum grade of C or ANTH-368 minimum grade of C.

ANTH-3881. Mitchell Museum Internship. 1 Hour.

Anthropology major commits to a 1-3 credit hour internship at the Mitchell Museum of the American Indian in Evanston. Work experiences can include curation, education, inventory/object research, exhibit research and design, and other academic activities in support of the daily life of a small museum. Student must also complete a research project developed in conjunction with anthropology faculty member. Student must have completed two 300-level courses in cultural anthropology and/or archaeology prior to enrolling in Mitchell Museum Internship. This internship requires the approval of the instructor, department chair, college dean, and Museum director. Prereq.: Consent of Instructor.

ANTH-3882. Mitchell Museum Internship. 2 Hours.

See course description for ANTH-3881.

ANTH-3883. Mitchell Museum Internship. 3 Hours.

See course description for ANTH-3881.

ANTH-3891. Lincoln Park Zoo Research. 1 Hour.

Student works with Lincoln Park Zoo biologists on a zoo-sponsored research project on primate or other mammal species. Focus can include: development and implementation of research design, ethological data collection including behavioral observations, analysis etc. Student arranges for project through NEIU Anthropology Department. These credit hours require a significant commitment on the part of the student and are only open to highly motivated, responsible students. Arrangements are subject to consent of Lincoln Park Zoo staff. Approximate credit to field hour ratios from 1 cr., 50 field hours to 6 cr., 300 field hours. (B) Prereq.: ANTH-376.

Prerequisite: ANTH-376 minimum grade of C.

ANTH-3892. Lincoln Park Zoo Research. 2 Hours.

(See ANTH-3891 for description.).

Prerequisite: ANTH-376 minimum grade of C.

ANTH-3893. Lincoln Park Zoo Research. 3 Hours.

(See ANTH-3891 for description.).

Prerequisite: ANTH-376 minimum grade of C.

ANTH-3894. Lincoln Park Zoo Research. 4 Hours.

(See ANTH-3891 for description.).

Prerequisite: ANTH-376 minimum grade of C.

ANTH-3895. Lincoln Park Zoo Research. 5 Hours.

(See ANTH-3891 for description.).

Prerequisite: ANTH-376 minimum grade of C.

ANTH-3896. Lincoln Park Zoo Research. 6 Hours.

(See ANTH-3891 for description.).

Prerequisite: ANTH-376 minimum grade of C.

ANTH-390A. Senior Thesis Research. 2 Hours.

High achieving anthropology majors may enrich their academic experience by conducting a senior thesis. Student enrolls in Senior Thesis Research hours for the first semester and works one-on-one with faculty thesis advisor to develop project and outline steps and a timeline for completion. Grade earned will be based on the completed thesis proposal and other requirements as agreed to by student and thesis advisor. Other requirements may include obtaining necessary outside permissions, completion of literature review, data collection, etc. See anthropology program entry above for minimum GPA and additional requirements. Prereq.: Consent of faculty mentor.

ANTH-390B. Senior Thesis Writing. 2 Hours.

Student enrolls in Senior Thesis Writing for the 2nd semester of their thesis project in order to complete thesis. Student works one-on-one with faculty thesis advisor to develop project and outline steps and a timeline for completion. Grade earned will be based on the completed thesis. Final thesis product must follow departmental thesis format guidelines. Student is strongly encouraged to present their work at the annual NEIU Student Research/Creative Activities Symposium or similar venue. See "Senior Thesis Option" in anthropology program entry above for additional information. Prereq.: ANTH-390a.

Prerequisite: ANTH-390A minimum grade of C.

ANTH-395. Senior Seminar In Cultural Anthropology. 4 Hours.

The senior seminar in cultural anthropology is one of the capstone courses for majors. This is an advanced course in which anthropology students will engage with key topical and theoretical issues in contemporary cultural anthropology, including debates about "globalization" and "modernity"; the concept of "culture" and its relationship to history and memory; the relationship between agency and structure; and the role of the body and embodiment. Students will read recent scholarship in the field and produce original research papers.

Prerequisite: ANTH-355 minimum grade of C.

ANTH-396. Senior Seminar In Archaeology. 4 Hours.

This advanced course is one of the capstone courses for majors. The archaeology senior seminar engages students in a critical examination of the interpretive frameworks of archaeology and controversial issues currently facing the discipline. These may include: the peopling of the New World, the domestication of plants and animals, the collapse of complex societies, how the past is represented, and the impact of the past on the present. Students will be immersed in contemporary scholarship. Students must have completed one 300 level course in each anthropological subdiscipline in addition to the listed prerequisite.

Prerequisite: ANTH-355 minimum grade of C.

ANTH-397. Senior Seminar In Biological Anthropology. 4 Hours.

This lively, advanced seminar is one of the capstone courses for majors. The seminar will engage students in the critical evaluation of current issues, controversies, ethical challenges, and new developments in biological anthropology today. Students will present critical analyses of current scholarship in the areas of evolutionary theory, human biological variation, primate biology, ecology, and behavior, and the fossil evidence for human evolution. Biological anthropologists from the Chicago area will visit the class to discuss their current research. Students must have completed one 300 level course in each anthropological subdiscipline in addition to the listed prerequisite.

Prerequisite: ANTH-355 minimum grade of C.

ANTH-401. Independent Graduate Study In Anthropology. 3 Hours.

Major in Anthropology

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Anthropology for the Bachelor of Arts Degree (37 credit hours)

Note that the Anthropology Writing Intensive (WIP) class has changed as of Fall 2016. The new WIP class is ANTH 300 WIP: Writing in Anthropology. Please consult with the anthropology advisor if you declared your major before Fall 2016 and have not satisfied the WIP requirement yet.

Required Courses:

ANTH-212	Introduction To Cultural Anthropology	3
ANTH-213	Introduction To Archaeology	3
ANTH-215	Human Origins: Introduction To Biological Anthropology	3
ANTH-300	Writing Intensive Program: Writing in Anthropology	3
ANTH-290	Graduating Anthropology	1
Two archaeology electives, including at least one at the 300 level (archaeology courses have an "A" at the end of the course description)		6
Two biological anthropology electives, including at least one at the 300 level (biological anthropology courses have a "B" at the end of the course description)		6
Two cultural anthropology electives, including at least one at the 300 level (cultural anthropology courses have a "C" at the end of the course description)		6
Two additional 300 level ANTH electives of the student's choice		6
Total Hours		37

INDIVIDUALIZED FIELD, RESEARCH, INTERNSHIP, AND SENIOR THESIS ELECTIVES IN ANTHROPOLOGY NEIU Anthropology offers a variety of individualized study options, including internships, field, research, and senior thesis hours that may be counted as electives to satisfy ANTH

major requirements. These are listed below. Note that only six individualized credit hours may count towards the major, and these hours must be spread across two or more subfields.

ANTH-379A	Pan-African Association Internship	3
ANTH-3813	Independent Study In Anthropology	3
ANTH-3824	Fieldwork In Anthropology (various options, including National Museum of Mexican Art Internship)	4
ANTH-3876	Field Museum Internship	6
ANTH-3896	Lincoln Park Zoo Research	6
ANTH-390A	Senior Thesis Research	2
ANTH-390B	Senior Thesis Writing	2

All individualized learning opportunities are reserved for highly motivated, self-directed, mature students. Research and/or fieldwork projects should be developed with a faculty advisor and their scope must extend beyond that covered in a class. Internships place students in a professional setting where they participate in the workload experience. Senior thesis projects typically span two semesters with the research being completed in the first semester, and writing and completion of the thesis in semester two.

Please see individual course descriptions for specific information. Students wishing to enroll in any individualized learning opportunities must satisfy the following requirements:

- Minimum GPA of 3.0/4.0;
- Declared major, or in exceptional cases, minor, in anthropology;
- Prior completion of a minimum of two ANTH courses in the subfield area (e.g., archaeology, biological anthropology, cultural anthropology) of the proposed project
- For research, field, and senior thesis projects: completion of a written project proposal and Student Contract that has received departmental approval, preferably in the semester before the project is to take place;
- For internships: completed Student Contract and successful interviews with anthropology advisor and supervisor at place of internship.

TRANSFER STUDENTS

We welcome transfer students who want to study anthropology at NEIU! Students transferring from other institutions must complete a minimum of 15 ANTH credit hours at NEIU including:

- ANTH-300 WIP: Writing in Anthropology
- At least one 300-level course in each subfield (archaeology, biological anthropology, cultural anthropology)
- One additional 300 level ANTH elective of your choice.

For transferring anthropology courses not covered by articulation agreements, a syllabus of the course in question should be submitted to the Anthropology Coordinator for review.

Please consult with the anthropology coordinator or advisor if you have any questions.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
ANTH-213	Introduction To Archaeology	3
ANTH-215	Human Origins: Introduction To Biological Anthropology	3
FYE Course		3
Term Hours		9
Term 2		
ANTH-212	Introduction To Cultural Anthropology	3
General Education - MATH		3
General Education Course		3
Elective		3
Elective		3
Term Hours		15
Term 3		
General Education Course		3
Term Hours		3

Second Year

Term 1		
ANTH-300	Writing Intensive Program: Writing in Anthropology	3
ANTH Elective		3
Minor program course		3
General Education Course		3
General Education Course		3
Term Hours		15

Term 2		
ANTH Elective		3
ANTH Elective		3
Minor program course		3
General Education Course		3
Elective		3
Term Hours		15

Term 3		
Elective		3
Term Hours		3

Third Year

Term 1		
ANTH Elective		3
Minor program course		3
General Education Course		3
Elective		3
Elective		3
Term Hours		15

Term 2		
300-Level ANTH Elective		3
Minor program course		3
General Education Course		3
Elective		3
Elective		3
Term Hours		15

Term 3		
300-Level ANTH Elective		3
Term Hours		3

Fourth Year

Term 1		
ANTH-290	Graduating Anthropology	1
300-Level ANTH Elective		3
Minor program course		3
General Education		3
Elective		3
Term Hours		13

Term 2		
300-Level ANTH Elective		3
Minor program course		3
Elective		3
Elective		3
Elective		3
Term Hours		15

Total Hours: 121

Minor in Anthropology

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Anthropology (19 credit hours)

ANTH-200	Writing In Anthropology	1
ANTH-212	Introduction To Cultural Anthropology	3
ANTH-213	Introduction To Archaeology	3
ANTH-215	Human Origins: Introduction To Biological Anthropology	3
Three 300-level anthropology courses of the student's choice. No more than 3 individualized credit hours may apply to the minor. Individualized credit hours include: ANTH 379A, ANTH 3811-3, ANTH 3821-4, ANTH 3871-6, ANTH 3891-6.		9
Total Hours		19

Art

The fundamental objective of the Art Department programs is to provide and promote a knowledge and understanding of the visual arts. The studio program gives students hands on exposure to a variety of skills, both analytic and technical, in order to help students express concepts visually. The art history program introduces students to numerous periods of art, cultural and historical events, visual means of expression and communication, and research methods. The art education program prepares students to teach the visual arts in a K-12 environment, upholding state and national performance standards. All of our programs prepare students to pursue graduate school, careers in the arts, teaching, and lifelong learning.

The Art Department offers three sequences leading to a Bachelor of Arts degree; Studio Art, Art History, and K-12. Additional offerings include minors for Education majors and Liberal Arts students and advanced courses for undergraduate students, in-service teachers and post-graduate students. Students wishing to declare a major or minor should contact the Art Department at 1.773.442.4910 and schedule an appointment with a departmental advisor. Transfer students should bring an evaluation of transfer credits to their first advisement session.

For the major: transfer students must complete a minimum of 15 credit hours of art courses at NEIU and meet all requirements for the major. For the minor: transfer students must complete a minimum of 9 credit hours of art courses at Northeastern and meet all requirements for the minor. Transfer students are required to consult the departmental undergraduate advisor regarding an interview and/or portfolio review prior to registering for art courses at Northeastern. The Department utilizes course titles and course descriptions taken from the catalog of the transfer school to assist in making decisions on the appropriateness of transfer credit.

General Education credit is allowed when courses provide a survey of introductory art material with breadth and appropriate concepts consistent with NEIU Art General Education courses. Students should also be aware of the University requirements for the Bachelor's degree. All students must complete a minimum of 40 credit hours at the 300 level and fulfill the university's general education requirements.

The special requirements of studio and lecture courses demand regular attendance. The department policy on attendance is aligned with the university attendance policy, more than 3 absences may affect your grade. Prerequisites are strictly enforced.

The art department assesses fees to support students in the production of art and to maintain a safe and healthy working environment. Additional information on individual course fees may be found at: <http://www.neiu.edu/academics/college-of-arts-and-sciences/departments/art/programs/art-studio-major>

- Major in Art (Studio Art concentration) (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/art/studio-art>)
- Major in Art (Art History concentration) (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/art/art-history>)
- Major in K-12 Art Education (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/art/k-12-art-education>)
- Minor in Studio Art (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/art/minor-studio-art>)
- Minor in Art History (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/art/minor-art-history>)

Kim Ambriz, M.F.A., Associate Professor, Chair

Katie Duffy, M.F.A., Assistant Professor

Nathan Mathews, M.F.A., Assistant Professor

Mark McKernin, M.F.A., Professor

Ana Nieves, Ph.D., Associate Professor

Vida Sacic, M.F.A., Associate Professor

William Sieger, Ph.D., Professor

Shencheng Xu, M.F.A., Professor

ART-101. Art In Society. 3 Hours.

Study the function of art in a variety of cultures with specific reference to American culture. Application of insights gained through inter-cultural analysis of contemporary issues. Slide lectures, films, gallery and museum visits.

ART-106. Introduction To Art History I. 3 Hours.

A survey of the visual arts from ancient to medieval times, emphasizing the major styles in their historical contexts. Introduces the basic qualities of each medium, the descriptive and critical vocabulary of art history, and the concepts of style, subject matter and content in the visual arts. Topics include the patronage of, and audience for, art; the changing social status of the artist; and the social, political and religious functions of art and architecture. Slide lectures and museum assignments.

ART-107. Introduction To Art History II. 3 Hours.

A survey of the visual arts from ancient to medieval times, emphasizing the major styles in their historical contexts. Introduces the basic qualities of each medium, the descriptive and critical vocabulary of art history, and the concepts of style, subject matter and content in the visual arts. Topics include the patronage of, and audience for, art; the changing social status of the artist; and the social, political and religious functions of art and architecture. Slide lectures and museum assignments.

ART-109. First Year Experience: Art, Architecture And Urban Design In Chicago. 3 Hours.

This field-based course explores art in an urban environment, examines the relationships between art and urban culture, and considers the role of art in an urban setting. Students will gain a familiarity with Chicago as a cultural home; they will evaluate the role of public art in Chicago, examine the design and purpose of open spaces, and gain a familiarity with the Chicago school of architecture.

ART-120. Drawing I. 3 Hours.

Basic drawing, stressing individual perceptual growth and the importance of physical and psychological factors in structuring visual experiences; emphasis on design and perception; discussion of systems of perceptual interpretation and structure, concepts of abstraction and problems of evaluation.

ART-130. Two-Dimensional Design. 3 Hours.

Systematic exploration of order in two-dimensional space and study of the interaction of method and technique in organizing form on a two-dimensional surface.

ART-140. Three Dimensional Design. 3 Hours.

Studio experience and lecture exploring fundamental 3-D design theory and concepts through the solution of studio problems utilizing 3-D materials and techniques.

ART-170A. Studio Experiences: Photography. 3 Hours.

Problem solving approach in studio experiences with lecture and discussion. This course does not count towards major or minor requirements in Art.

ART-170B. Studio Experiences: Painting. 3 Hours.

Problem solving approach in studio experiences with lecture and discussion. This course does not count towards major or minor requirements in Art.

ART-170C. Studio Experiences: Sculpture. 3 Hours.

Problem solving approach in studio experiences with lecture and discussion. This course does not count towards major or minor requirements in Art.

ART-170D. Studio Experiences: Metals And Jewelry. 3 Hours.

Problem solving approach in studio experiences with lecture and discussion. This course does not count towards major or minor requirements in Art.

ART-170E. Studio Experiences: Printmaking. 3 Hours.

Problem solving approach in studio experiences with lecture and discussion. This course does not count towards major or minor requirements in Art.

ART-170F. Studio Experiences: Ceramics. 3 Hours.

Problem solving approach in studio experiences with lecture and discussion. This course does not count towards major or minor requirements in Art.

ART-170G. Studio Experiences: Drawing. 3 Hours.

Problem solving approach in studio experiences with lecture and discussion. This course does not count towards major or minor requirements in Art.

ART-201. Contemporary Art. 3 Hours.

Study of painting and sculpture of the last ten years; gallery and museum visits; readings in contemporary art publications; slide lectures.

ART-202. Writing Intensive Program: Methods Of Research In Art History. 3 Hours.

This course is an introduction to art historical research and methodology. It includes a brief survey of the history of art historical studies, and introduction to art historical research methods, a review of art historical methodology, and an introduction to the critical and theoretical approaches of the "new" art history. The course is conducted in an informal seminar format with slide presentations and classroom discussions of artworks and required readings.

Prerequisite: ENGL-101 minimum grade of C.

ART-203. History Of Photography: 1820's To Present. 3 Hours.

Students investigate the history of photography, including social, aesthetic, theoretical, and technical aspects, through lectures, discussions, field trips to relevant photographic exhibitions, readings, group projects, writing assignments, and/or exams.

ART-220. Drawing II. 3 Hours.

Interpretive drawing experiences, concentration on individual growth and perceptual acuity, principally studying the human form through live models, other supportive materials and a variety of media.

Prerequisite: ART-120 minimum grade of C.

ART-230. Painting I. 3 Hours.

This introductory painting course familiarizes students with the painting process. Using oil paint as medium, students will explore themes such as still life, abstraction, symbolism, and the landscape. Students will be exposed to a variety of oil painting techniques and materials.

Prerequisite: ART-120 minimum grade of C.

ART-234. Color. 3 Hours.

Investigation of color phenomena through lecture and studio problems.

Prerequisite: ART-130 minimum grade of C.

ART-240. Sculpture I. 3 Hours.

This introductory sculpture course familiarizes students with traditional and contemporary sculpture concepts, and exposes students to an overview of processes, tools, and materials used in sculpture. Students will also explore modeling, casting, and construction techniques.

Prerequisite: ART-140 minimum grade of C.

ART-250. Printmaking I. 3 Hours.

This introductory printmaking course emphasizes the processes of intaglio and relief. This course will also explore the possibility of the monoprint, as well as introduce basic research methods associated with personal studio practice.

Prerequisite: ART-120 minimum grade of C.

ART-256. Letterpress. 3 Hours.

Introduction to letterpress printing techniques including discussion of typographic rules using wood and metal type and image making using contemporary photopolymer plate making techniques.

Prerequisites: ART-281 minimum grade of C and ART-284 minimum grade of C.

ART-261. Photography I. 3 Hours.

This course will familiarize students with digital photography techniques and computer software to use photography as a creative medium. Students will be introduced to basic aesthetic grammar of photography and a preliminary historical context for visually analyzing and creating photographs.

Prerequisite: ART-130 minimum grade of C.

ART-270. Ceramics I. 3 Hours.

This introductory ceramic course explores building techniques, surface treatment, design and decoration of ceramic objects. Through class projects students will be introduced to a variety of methods of constructing sculptural as well as functional objects. Focus will be placed on technique, craftsmanship and the development of individual artistic direction.

Prerequisite: ART-140 minimum grade of C.

ART-273. Metals And Jewelry I. 3 Hours.

This introductory metals and jewelry course emphasizes a mastery of basic tools, materials and processes used in the creation of jewelry, functional objects and small sculpture. Students will create a range of objects that address basic design problems, functional considerations and conceptual ideas.

Prerequisite: ART-140 minimum grade of C.

ART-281. Graphic Design I. 3 Hours.

Introduction to techniques and concepts of graphic design and visual communications. Lectures and studio time will be used to analyze and practice applied creative activity of design, image-making, typography and layout, as well as it's historical and contemporary social aspects.

Prerequisite: ART-130 minimum grade of C.

ART-284. Typography. 3 Hours.

The second course in the graphic design sequence takes a deeper look at design and use of letter forms. Lectures and assignments focus on examining major type families and their characteristics, creating typographic contrast and hierarchy of information, history of type design and typographic grids. Students build skills for the art of typesetting and typographic layout, conceptual thinking and expressive typography.

ART-285. Image. 3 Hours.

Image class offers a guided exploration of techniques and processes used to create images for the purpose of specific communication. The course pays special attention to current trends in graphic design and fine art and includes discussions of various contemporary illustration techniques. Special attention is paid to both visual form, as well as the design process, communication and interpretation of work to challenge the student's ability to generate innovative images with a regard for both visual form and conceptual content.

Prerequisite: ART-281 minimum grade of C.

ART-289. Graphic Design (Survey). 3 Hours.

This course chronicles the development of visual communication methods from prehistoric times to late 20th century. Emphasis will be placed on the period from the mid 19th century to late 20th century developments in the field of graphic design. The course is structured as a lecture and discussion class. The class will take a contemporary approach to the subject, drawing parallels between the historical movements and the way that things look in design today. Topics will involve a critical approach to the subject matter.

ART-292. Writing Intensive Program: Professional Practices. 1 Hour.

This course introduces art students to general business practices that are prevalent in the fine and applied arts. Topics to be covered are basic portfolio development, exhibition design and installation skills, marketing strategies, exhibition opportunities, professional arts organizations, online portfolio development, critique styles, presentation styles, writing exhibition reviews and the Chicago job market. This course is required for all studio art majors and fulfills the university writing intensive requirement within the major.

Prerequisite: ENGL-101 minimum grade of C.

ART-294. Writing Intensive Program: Professional Practices In Graphic Design 1. 1 Hour.

Professional Practices is three-part series of one-credit courses that are to be taken in sequence. This course will introduce students to general business practices that are prevalent in the graphic design field. Topics to be covered are professional portfolio presentation skills, freelance business skills, marketing strategies, joining professional organizations, online portfolio development, writing job application materials and understanding the Chicago job market. This course is required for all graphic design majors and fulfills the university writing intensive requirement within the major.

Prerequisites: ART-281 minimum grade of C and ENGL-101 minimum grade of C.

ART-301. Contemporary Design. 3 Hours.

This class combines academic study of late 20th century and contemporary Graphic Design practices with an exploration of the professional design world. Graphic Design of the present day is examined in relation to architecture and interiors, and wider theoretical and contextual issues. The interrelationship between the fine and decorative arts is a strong theme throughout the class. Visits to museums, professional events, galleries, design fairs and studios provide opportunities to examine objects and meet practicing designer first hand.

Prerequisite: ART-284 minimum grade of C.

ART-303. Images Of Woman In Art. 3 Hours.

Iconographical study of the images of woman in the visual arts. Exploration into stereotypes, archetypes and prototypes in the context of historical and societal conditions, using primary literary sources and archaeological evidence to support interpretive hypotheses.

ART-305. Art & Architecture Of The Ancient Americas. 3 Hours.

This course introduces students to the art and architecture of Pre-Columbian civilizations of South America and Mesoamerica, and the native arts of North America. We will discuss the art of the Chavin, Moche, Nasca, and Inka civilizations of South America, the Olmec, Teotihuacan, Maya, and Aztec of Mesoamerica, and various art forms from the Southwest, East, and Northwest Coast regions of United States. The course focuses on the styles and iconography of these civilizations and takes an interdisciplinary approach to examine the function and symbolism of the works.

ART-306. Andean Art & Architecture. 3 Hours.

This course is an introduction to the art of the ancient civilizations that inhabited the Andean region (primarily Peru, Ecuador, and Bolivia). Since these cultures did not develop a written language, information about their worldview and religious practices comes from their art and the archaeological record. The course focuses on the styles and iconography of these civilizations and takes an interdisciplinary approach to examine the function and symbolism of the works.

ART-307. Art & Latin America. 3 Hours.

This course covers the art of Latin America from the period of Independence to the present. The focus will be primarily on the arts of Mexico and South America, although some time will be dedicated to movements in Cuba and Haiti as well. Topics include: Romanticism in Latin America, Modernismo, Mexican Muralism, Indigenismo, Constructivism, Surrealism, Concrete and Neo-Concrete Art, Geometric art, Optical and Kinetic art, Conceptual and Political Art, and contemporary issues.

ART-308. African & Oceanic Art. 3 Hours.

This course focuses on the arts of Africa and Oceania. Lectures discuss representative works in painting, sculpture, architecture, body art and rock art from these areas as well as the cultural and historical context in which they were created.

ART-309. Asian Art. 3 Hours.

This course focuses on the arts of India, China and Japan. Lectures discuss representative works in painting, sculpture, architecture, calligraphy and decorative arts from each of these areas as well as the cultural and historical context in which they were created.

ART-310. Early Christian And Byzantine Art. 3 Hours.

Study of the arts from the early Christian period to the end of the Byzantine Empire in the east: stylistic and iconographic development of architecture, painting, sculpture, manuscript illustration and minor arts in context of contemporary politics and religion.

ART-311. Medieval Art Of The West. 3 Hours.

A study of art from the Merovingian period to the end of high Gothic: Stylistic and iconographic development of architecture, painting, sculpture, manuscript illustration and minor arts in the context of political and religious controversies.

ART-312. Painting Of The Italian Renaissance. 3 Hours.

Painting in Italy from 1200-1600; iconography and aesthetics, social and technical aspects, development of style with brief attention to the most important examples of sculpture and architecture insofar as they aid in an understanding of the development of painting; slide lectures, museum visits.

ART-313. Painting Of The United States Of America. 3 Hours.

Survey of American painting from the Colonial period through mid-twentieth century; social and technical aspects, development of various styles; slide lectures and museum visits.

ART-316. Seventeenth And Eighteenth Century Art. 3 Hours.

Painting, sculpture and architecture in Europe in the seventeenth and early eighteenth centuries, stressing historical, stylistic and iconographic developments in the art of the period with emphasis on leading Baroque artists in Italy, Spain, Flanders, Holland, France and Germany.

ART-317. Sculpture And Architecture Of The United States. 3 Hours.

Sculpture and architecture of the United States from the Colonial period through mid-twentieth century. Social and technical aspects, development of various styles; slide lectures, museum visits.

ART-318. 19th Century European Art. 3 Hours.

Survey of European painting and sculpture from the late 18th century through the early decades of the 20th century, with emphasis upon major artistic developments in the context of pertinent historical and social issues and the general cultural milieu.

ART-319. 20th Century European Art. 3 Hours.

European painting and sculpture from post-impressionism at the close of the nineteenth century through the various modernist movements of the twentieth century with emphasis on major theories and developments in art in the context of pertinent historical, social and cultural events and concerns of the period.

ART-320. Drawing III. 3 Hours.

This advanced drawing course emphasizes drawing concepts and techniques. Students will utilize a variety of traditional and nontraditional media in developing their own personal artistic vision. This course may be repeated up to three times.

Prerequisite: ART-220 minimum grade of C.

ART-321. Drawing IV. 3 Hours.

This advanced drawing course will continue the exploration of contemporary concepts and drawing techniques emphasizing personal expression. This course may be repeated up to three times.

Prerequisite: ART-320 minimum grade of C.

ART-330. Painting II. 3 Hours.

This course is designed as a continuation of the exploration of the painting process. During this semester, students will be using acrylic paints to investigate themes both contemporary and historical such as abstraction, the figure, narrative painting and mixed media. Students will also learn about the use of mediums, brushes, and painting techniques.

Prerequisite: ART-230 minimum grade of C.

ART-331. Painting III. 3 Hours.

This advanced painting course will emphasize personal development and expression using the medium of choice. This course may be repeated up to three times.

Prerequisite: ART-330 minimum grade of C.

ART-332. Painting IV. 3 Hours.

This advanced painting course will focus on individual personal imagery, concepts, and ideas, with the goal of developing a personal voice. This course may be repeated up to three times.

Prerequisite: ART-331 minimum grade of C.

ART-333. Mural Painting. 3 Hours.

Working with a Chicago neighborhood, students will develop an understanding of the role of public art by collaborating on the planning and execution of a painted mural. This course may be repeated up to two times.

Prerequisite: ART-120 minimum grade of C.

ART-340. Sculpture II. 3 Hours.

This intermediate sculpture course introduces students to the fundamentals of figure modeling and casting methods. Class time is devoted exclusively to modeling, mold making, and various casting techniques.

Prerequisite: ART-240 minimum grade of C.

ART-341. Sculpture III. 3 Hours.

This advanced sculpture course provides an opportunity to investigate wood working concepts and techniques. Students will follow the wood shop safety rules, focusing on fabricating, carving, laminating, and wood finishing techniques. This course may be repeated up to three times.

Prerequisite: ART-340 minimum grade of C.

ART-342. Sculpture IV. 3 Hours.

This advanced sculpture course focuses on metal working techniques in relation to sculptural objects. Students will follow the metal shop safety rules, developing ARC/MIG/TIG welding, plasma cutting, and metal finishing techniques. This course may be repeated up to three times.

Prerequisite: ART-340 minimum grade of C.

ART-350. Printmaking II. 3 Hours.

This intermediate printmaking course will emphasize the planographic processes, which include screenprint, lithography and monotype. This course will also explore the possibility of the monoprint as it relates to these processes as well as continue a focus on research as it relates to personal studio practice.

Prerequisite: ART-250 minimum grade of C.

ART-351. Printmaking III. 3 Hours.

This advanced printmaking course introduces students to advanced techniques within traditional printmaking processes as well as experimental and non-traditional approaches. Students will investigate the possibilities of advanced printmaking techniques in relation to personal artistic vision and continue a focus on the development of independent studio practice and research. This course may be repeated up to three times.

Prerequisite: ART-350 minimum grade of C.

ART-352. Printmaking IV. 3 Hours.

This advanced printmaking course continues to explore advanced printmaking techniques with an emphasis on independent studio practice and research. Students will demonstrate a working knowledge of advanced printmaking techniques by creating a body of coherent and creative work. This course may be repeated up to two times.

Prerequisite: ART-351 minimum grade of C.

ART-362. Digital Photography. 3 Hours.

In this course digital photography techniques and printing are introduced and complemented development of a body of work. Assignments incorporate the technical aspects of specific skills while emphasizing their conceptual application. Prereq.: ART-261 or a portfolio of photographic work that demonstrates equivalent proficiency.

Prerequisite: ART-261 minimum grade of C.

ART-363. Controlled Photographic Lighting For In Studio and On Location. 3 Hours.

This course will cover the tools and techniques used to control photographic lighting. Emphasis is placed on creating solutions to complex lighting situations.

Prerequisite: ART-261 minimum grade of C.

ART-364. Historic And Alternative Photographic Processes. 3 Hours.

This course will cover a variety of advanced historic photographic processes and alternative ways of making images. Students will create a portfolio demonstrating conceptual maturation, advanced aesthetic skill, and technical competence in photography.

Prerequisite: ART-261 minimum grade of C.

ART-365. Advanced Photography. 3 Hours.

This course focuses on refinement of aesthetic and technical skills while developing a personal style in a self-directed, long-term photography project. Students also design and produce a photography exhibition. By instructor permission.

ART-370. Ceramics II. 3 Hours.

This intermediate ceramic studio course will emphasize materials, techniques, and design within a problem solving environment. Specific aesthetic and technical criteria will be examined and individual development will continue to be emphasized.

Prerequisite: ART-270 minimum grade of C.

ART-371. Ceramics III. 3 Hours.

This advanced ceramics course focuses on continuing the development of strong craftsmanship and knowledge of ceramic processes and techniques including developing personal clay bodies, glazes and firing kilns. Emphasis will be placed on reinforcing the principles of ceramic building techniques while exploring a personal artistic direction. This course can be repeated up to three times.

Prerequisite: ART-370 minimum grade of C.

ART-372. Ceramics IV. 3 Hours.

This advanced ceramics course emphasizes advanced ceramic processes and thematic investigations for creating relevant and meaningful work using traditional and non-traditional approaches to clay. This class focuses on the development of an independent artist's practice through open assignments designed to engage students in self-directed research of conceptual themes and advanced technical processes. This course can be repeated up to three times.

Prerequisite: ART-371 minimum grade of C.

ART-373. Metals And Jewelry II. 3 Hours.

This advanced metals and jewelry course will emphasize intermediate construction processes used in metalsmithing and jewelry. Students will continue to work on issues of design, function and concept.

Prerequisite: ART-273 minimum grade of C.

ART-374. Metals And Jewelry III. 3 Hours.

This advanced metals and jewelry course will emphasize advanced metalsmithing and jewelry techniques and modes of personal expression. Students will demonstrate the ability to arrive at unique design solutions and are expected to begin developing a personal voice. This course may be repeated up to three times.

Prerequisite: ART-373 minimum grade of C.

ART-375. Metals And Jewelry IV. 3 Hours.

This advanced metals and jewelry course emphasizes critical thinking skills, the synthesis of conceptual ideas and the notion of intentionality in finished work. This course may be repeated up to three times.

Prerequisite: ART-374 minimum grade of C.

ART-381. Studio In Graphic Design. 3 Hours.

Principles involved in the thought process, creation and production of a design project. Lecture and discussion. Suggested readings supplement the class experience.

Prerequisites: ART-281 minimum grade of C and ART-284 minimum grade of C.

ART-384. Internship In Graphic Design. 3 Hours.

On-site experience in a design studio, design department or advertising agency observing and participating in the everyday activities and projects.

Prerequisites: ART-281 minimum grade of C and ART-284 minimum grade of C.

ART-385. Web Design. 3 Hours.

Studio course emphasizing the techniques, processes, and tools required to create interactive web sites using current authoring technologies. Students will be introduced to contemporary authoring and management tools.

Prerequisite: ART-130 minimum grade of C.

ART-386. Multimedia Design. 3 Hours.

This is a multi-disciplinary course that explores the uses of multimedia applications. Students will be exposed to conceptual and practical components of multimedia authoring and develop interactive materials using authoring, image, sound and video editing software.

Prerequisite: ART-130 minimum grade of C.

ART-387. Special Topics In Graphic Design. 3 Hours.

This course offers an opportunity for the advanced study in the field of graphic design, focusing on one particular area within the broad spectrum of design practice. The topics examined in the class will rotate to cover a different area of focus each semester. The course is structured as a lecture and studio class offering an opportunity for in-depth analysis and practice. Some of the topics covered will include editorial design, branding and identity design, interactive design, art direction for advertising etc.

Prerequisite: ART-381 minimum grade of C.

ART-388. Typography II. 3 Hours.

Typography II focuses on advanced study of typographic form, as well as experimental approaches to typographic practice. In addition to advanced typesetting studies of multiple-page documents, students will work on customizing display typefaces, using non-traditional methods to generate unique typographic elements and exploring alternative methods for making meaning through the intersection of language and typography.

Prerequisite: ART-284 minimum grade of C.

ART-389. Print Production. 3 Hours.

This course will provide the information and techniques necessary to prepare graphics and text for professional printing. Projects will address pre-press procedures such as specifying output requirements, obtaining cost estimates, determining paper selection and performing press checks. Lecture topics cover techniques and terminology necessary for traditional and digital printing. Students will practice creating and preparing digital files for high resolution output and offset printing. The class will visit local companies involved in print production.

Prerequisite: ART-388 minimum grade of C.

ART-390. Independent Study In Visual Art. 3 Hours.

Individual investigation into a topic of the student's choice. Independent Studies require the approval of the instructor, department chair and the College Dean.

ART-3901. Independent Study In Visual Art. 1 Hour.**ART-3902. Independent Study In Visual Art. 2 Hours.****ART-3903. Independent Study In Visual Art. 3 Hours.****ART-390B. Independent Study In Visual Art. 3 Hours.**

Individual investigation into a topic of the student's choice.

ART-3911. Internship In Art. 1 Hour.

On-site experience in commercial or fine art studio observing and participating in everyday activities and projects. Course can be repeated up to a maximum of 6 credits of internship.

Prereq.: A 300 level art course in the medium related to the internship.

ART-3912. Internship In Art. 2 Hours.

On-site experience in commercial or fine art studio observing and participating in everyday activities and projects. Course can be repeated up to a maximum of 6 credits of internship.

Prereq.: A 300 level art course in the medium related to the internship.

ART-3913. Internship In Art. 3 Hours.

On-site experience in commercial or fine art studio observing and participating in everyday activities and projects. Course can be repeated up to a maximum of 6 credits of internship.

Prereq.: A 300 level art course in the medium related to the internship.

ART-391L. Studio Visual Art: Modern Art Of Latin America. 3 Hours.

This course covers the art of Latin America from the period of Independence to the present. The focus will be primarily on the arts of Mexico and South America, although some time will be dedicated to movements in Cuba and Haiti as well. Topics will include: Romanticism in Latin America, Modernismo, Mexican Muralism, Indigenismo, Constructivism, Surrealism, Concrete and Neo-Concrete Art, Geometric art, Optical and Kinetic art, Conceptual and Political art, and contemporary issues.

ART-392A. Writing Intensive Program:Professional Practices. 1 Hour.

This course continues to introduce art students to general business practices that are prevalent in the fine and applied arts. Topics to be covered are basic portfolio development, exhibition design and installation skills, marketing strategies, exhibition opportunities, professional arts organizations, online portfolio development, critique styles, presentation styles, writing exhibition reviews and the Chicago job market. This course is required for all studio art majors and fulfills the university writing intensive requirement within the major.

Prerequisite: ART-292 minimum grade of C.

ART-392B. Writing Intensive Program:Professional Practices. 1 Hour.

This course continues to introduce art students to general business practices that are prevalent in the fine and applied arts. Topics to be covered are basic portfolio development, exhibition design and installation skills, marketing strategies, exhibition opportunities, professional arts organizations, online portfolio development, critique styles, presentation styles, writing exhibition reviews and the Chicago job market. This course is required for all studio art majors and fulfills the university writing intensive requirement within the major.

Prerequisite: ART-392A minimum grade of C.

ART-393. Studio Problems In Commercial Art. 3 Hours.

Prerequisite: ART-284 minimum grade of D.

ART-394A. Writing Intensive Program: Professional Practices In Graphic Design 2. 1 Hour.

Professional Practices is three-part series of one-credit courses that are to be taken in sequence. This course will introduce students to general business practices that are prevalent in the graphic design field. Topics to be covered are professional portfolio presentation skills, freelance business skills, marketing strategies, joining professional organizations, online portfolio development, writing job application materials and understanding the Chicago job market. This course is required for all graphic design majors and fulfills the university writing intensive requirement within the major.

Prerequisite: ART-294 minimum grade of C.

ART-394B. Writing Intensive Program: Professional Practices In Graphic Design 3. 1 Hour.

Professional Practices is three-part series of one-credit courses that are to be taken in sequence. This course will introduce students to general business practices that are prevalent in the graphic design field. Topics to be covered are professional portfolio presentation skills, freelance business skills, marketing strategies, joining professional organizations, online portfolio development, writing job application materials and understanding the Chicago job market. This course is required for all graphic design majors and fulfills the university writing intensive requirement within the major.

Prerequisite: ART-394A minimum grade of C.

ART-394C. Senior Exhibition. 2 Hours.

All students pursuing a BFA degree in Graphic Design are required to participate in a senior exhibition, under the guidance of a graphic design faculty mentor. Students are free to select their mentor, however the department recommends that this be someone that the student has worked with in the past. Students are responsible for creating exhibition level projects in cooperation with their faculty mentors in order to receive a passing grade. The final projects should have a specific, well-conceived theme, direction and intent and demonstrate the formal skills learned during the pursuit of a BFA in Graphic Design.

Prerequisite: ART-394B minimum grade of C.

Major in Art (Art History)

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Program in Art History

All undergraduate students majoring in the art history concentration must complete 39 credit hours consisting of the following:

15 Hour Core Requirements:

ART-106	Introduction To Art History I	3
ART-107	Introduction To Art History II	3
ART-120	Drawing I	3
ART-130	Two-Dimensional Design	3
ART-140	Three Dimensional Design	3
3 Hours at the 200 level		
ART-202	Writing Intensive Program: Methods Of Research In Art History	3
Select 21 hours of 300 level art history courses		21
Total Hours		39

In addition, there must be a demonstration of reading competence in a foreign language approved by the advisor or 6 credit hours of a foreign language.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

2 Major in Art (Art History)

First Year

Term 1	Hours
General Education Course	3
General Education Course	3
General Education Course	3
Core Art Course	3
Core Art Course	3

Term Hours 15

Term 2	
Elective/Minor	3
General Education Course	3
General Education Course	3
Core Art Course	3
Core Art Course	3

Term Hours 15

Second Year

Term 1	
General Education Course	3
General Education Course	3
Elective/Minor	3
Elective/Minor	3
Core Art Course	3

Term Hours 15

Term 2	
General Education Course	3
General Education Course	3
Elective/Minor	3
Elective/Minor	3
200-Level ART Course	3

Term Hours 15

Third Year

Term 1	
General Education Course	3
Elective/Minor	3
Elective/Minor	3
Elective/Minor	3
300-Level Art History Course	3

Term Hours 15

Term 2	
General Education Course	3
Elective/Minor	3
Elective/Minor	3
300-Level Art History Course	3
300-Level Art History Course	3

Term Hours 15

Fourth Year

Term 1	
Elective/Minor	3
Elective/Minor	3
Elective/Minor	3
300-Level Art History Course	3
300-Level Art History Course	3

Term Hours 15

Term 2	
300-Level Art History Course	3
300-Level Art History Course	3
Elective/Minor	3
Elective/Minor	3

Elective/Minor		3
	Term Hours	15
	Total Hours:	120

Major in K-12 Art Education

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in K-12 Art Education requirements

All undergraduate students majoring in Art Education must be admitted to the College of Education. Students must complete 57 credit hours in art, specific general education requirements, and the College of Education professional K-12 requirements. ("Refer to the College of Education's section on Teacher Education for additional details.")

15 Hour Core Requirements:

ART-106	Introduction To Art History I	3
ART-107	Introduction To Art History II	3
ART-120	Drawing I	3
ART-130	Two-Dimensional Design	3
ART-140	Three Dimensional Design	3

25 Hours at the 200 level:

ART-201	Contemporary Art	3
ART-220	Drawing II	3
ART-234	Color	3
ART-292	Writing Intensive Program:Professional Practices	1
ART-230	Painting I	3
ART-240	Sculpture I	3

ART-250	Printmaking I	3
ART-261	Photography I	3
ART-270	Ceramics I	3
17 Hours of the Following:		
Three courses in an area of concentration selected in consultation with an advisor		9
Select two 300-level art history courses		6
ART-392A	Writing Intensive Program:Professional Practices	1
ART-392B	Writing Intensive Program:Professional Practices	1
28 Hours of the Following:		
EDFN-305	Philosophical And Historical Foundations Of Public Education	3
EDFN-306	Education And Individual Differences ¹	3
EDFN-307	Psychology Of Instruction And Learning ¹	3
LTCY-301	Teaching Literacy In Junior & Senior High Schools	3
SCED-301	Writing Intensive Program:Methods Of Teaching On The Secondary Level	3
SCED-303A	Contemporary Art Education In The Secondary School	3
SCED-304A	Clinical Experiences In The Secondary School:Art ²	1
SCED-305A	Secondary Student Teaching And Seminar In Art ³	9
Total Hours		85

- ¹ This course includes 10 clock hours of clinical experience in an appropriate school.
- ² This course requires 100 clock hours of clinical experience with a cooperating teacher in the appropriate subject at a local secondary school. (See Clinical Experiences and Student Teaching section for application procedures)
- ³ This course requires full-time experienced cooperating teacher in the appropriate subject at a local secondary school. (See Clinical Experiences and Student Teaching section for application procedures)

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

		Hours
Term 1		
ENGL-101	Writing I	3
General Education Course		3
General Education Math Course		3
Core Art Course		3
Core Art Course		3
Term Hours		15
Term 2		
ENGL-102	Writing II	3
General Education		3
General Education		3
Core Art Course		3
Core Art Course		3
Term Hours		15
Term 3		
Core Art Course		3
General Education Course		3
Term Hours		6

Second Year

Term 1		
HLED-107 or HLED-312		3
General Education		3
200-Level Art Course		3
200-Level Art Course		3
Term Hours		12
Term 2		
General Education Course		3
CMT-101 or CMT-202		3
200-Level Art Course		3

200-Level Art Course		3
	Term Hours	12
Term 3		
General Education Course		3
200-Level Art Course		3
	Term Hours	6
Third Year		
Term 1		
General Education Course		3
200-Level Art Course		3
200-Level Art Course		3
300-Level Art Concentration Course		3
ART-292	Writing Intensive Program:Professional Practices	1
	Term Hours	13
Term 2		
200-Level Art Course		3
300-Level Art Concentration Course		3
General Education Course		3
ART-392A	Writing Intensive Program:Professional Practices	1
	Term Hours	10
Term 3		
300-Level Art Course		3
	Term Hours	3
Fourth Year		
Term 1		
General Education Course		3
SCED-304A	Clinical Experiences In The Secondary School:Art	1
300-Level Art Concentration Course		3
300-Level Art Concentration Course		3
ART-392B	Writing Intensive Program:Professional Practices	1
	Term Hours	11
Term 2		
SCED-305A	Secondary Student Teaching And Seminar In Art	9
	Term Hours	9
	Total Hours:	112

Major in Art (Studio Art)

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Art (Studio Art) requirements

All undergraduate students majoring in art must complete 54 credit hours consisting of the following:

15 Hour Core Requirements:

ART-106	Introduction To Art History I	3
ART-107	Introduction To Art History II	3
ART-120	Drawing I	3
ART-130	Two-Dimensional Design	3
ART-140	Three Dimensional Design	3

19 Hours at the 200 Level:

ART-201	Contemporary Art	3
ART-220	Drawing II	3
ART-234	Color	3
ART-292	Writing Intensive Program:Professional Practices	1

Select three of the following:

ART-230	Painting I	3
ART-240	Sculpture I	3
ART-250	Printmaking I	3

ART-261	Photography I	
ART-270	Ceramics I	
ART-273	Metals And Jewelry I	
ART-281	Graphic Design I	
20 Hours of the Following:		
Select three 300 level courses in an area of concentration selected in consultation with an advisor:		9
Select two 300-level art history courses		6
ART-392A	Writing Intensive Program:Professional Practices	1
ART-392B	Writing Intensive Program:Professional Practices	1
Select one art elective		3
Total Hours		54

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

	Hours
Term 1	
General Education Course	3
General Education Course	3
General Education Course	3
Core ART Course	3
Core ART Course	3
Term Hours	
	15

Term 2	
General Education Course	3
General Education Course	3
Core ART Course	3
Core ART Course	3
Elective/Minor	3
Term Hours	
	15

Second Year

Term 1	
200-Level ART Course	3
General Education Course	3
General Education Course	3
Core ART Course	3
Elective/Minor	3
Term Hours	
	15

Term 2	
200-Level ART Course	3
200-Level ART Course	3
General Education Course	3
General Education Course	3
Elective/Minor	3
Term Hours	
	15

Third Year

Term 1	
200-Level ART Course	3
200-Level ART Course	3
General Education Course	3
Elective/Minor	3
Elective/Minor	3
Term Hours	
	15

Term 2	
300-Level ART Concentration Course	3
200-Level ART Course	3
General Education Course	3
Elective/Minor	3
Elective/Minor	3

ART-292	Writing Intensive Program:Professional Practices	1
<hr/>		
	Term Hours	16
Fourth Year		
Term 1		
300-Level ART Concentration Course		3
300-Level Art History Course		3
300-Level ART Course		3
Elective/Minor		3
Elective/Minor		3
ART-392A	Writing Intensive Program:Professional Practices	1
<hr/>		
	Term Hours	16
Term 2		
300-Level ART Concentration Course		3
300-Level Art History Course		3
Elective/Minor		3
Elective/Minor		3
ART-392B	Writing Intensive Program:Professional Practices	1
<hr/>		
	Term Hours	13
<hr/>		
	Total Hours:	120

Minor in Art History

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Art History

Students are required to complete the following courses:

ART-106	Introduction To Art History I	3
ART-107	Introduction To Art History II	3
Select four courses at the 300-level in Art History in consultation with an advisor		12
Total Hours		18

Minor in Studio Art

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Studio Art requirements

Students are required to complete the following courses:

15 Hour Core Requirements:

ART-106	Introduction To Art History I	3
ART-107	Introduction To Art History II	3
ART-120	Drawing I	3
ART-130	Two-Dimensional Design	3
ART-140	Three Dimensional Design	3
6 Studio Hours, select any two of the following:		6
ART-230	Painting I	
ART-240	Sculpture I	
ART-250	Printmaking I	
ART-261	Photography I	
ART-270	Ceramics I	
ART-273	Metals And Jewelry I	

Total Hours

21

Students in the Early Childhood Education programs that have selected a studio minor must complete an additional 9 hours at the 300-level to meet graduation and certification requirements. Students in Elementary Education must complete 9 hours at the 300-level.

Asian Studies

- Minor in Asian Studies (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/asian-studies/minor-asian-studies>)

Andrew Eisenberg, Ph.D., Professor of History, Program Coordinator

Minor in Asian Studies

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Asian Studies (18 credit hours)

1. Courses selected to complete this minor
 - a. must be chosen from two or more academic disciplines,
 - b. must include at least 12 hours in 300-level courses,
 - c. must cover material about more than one Asian country, and
 - d. cannot be counted toward meeting requirements for any other major or minor.
2. The student must secure the approval of the Program Coordinator for the list of courses selected to complete the minor. This approval should be requested well before the completion of the courses themselves.

Biology

The Department of Biology currently offers courses of study leading to the degrees of Bachelor of Science and Master of Science. The broadly-based requirements of the major are designed to prepare students for:

1. advanced studies in biology, biomedical sciences, environmental biology, ecology and applied ecology;
2. professional training in medicine, dentistry, optometry, chiropractic, pharmacy, veterinary medicine and other health professions;
3. teaching of biology in secondary schools; or
4. career opportunities in research, biomedical sciences, agriculture, industry, government, and academic institutions.

The graduate program leading to the Master of Science degree is also flexible, and can meet the needs of:

1. students seeking additional training and/ or research experience in order to obtain employment that requires post-baccalaureate training,
2. current high-school teachers and other professionals who seek advancement in their careers or who want to stay current in the field, and
3. students interested in completing an M.S. before going on to a doctoral program.

Students interested in completing a major in biology are strongly urged to declare the major early and seek advisement from a departmental advisor.

It is particularly important to note that students who complete the major in Biology are exempted from having to take any courses in the Natural Sciences distribution area of the General Education Program.

In addition, students should be aware that a maximum of 18 credit hours of biology courses can be accepted toward the Biology Major in transfer credits, and a maximum of three courses can be transferred to satisfy biology electives. A maximum of 9 credit hours of transfer credits can be accepted toward the Biology Minor (in practice three courses). In order for introductory biology courses taken at another institution to be accepted in place of BIO-201 or BIO-202, they must be specifically designated as being courses for Biology majors. Students seeking to transfer courses from other institutions should have their coursework evaluated by an advisor in Biology at the time they declare the major or minor.

NOTE – Beginning in the Fall semester of 2007:

In order to register for Biology courses which apply toward the Major or Minor, students must demonstrate proficiency in Reading Comprehension, Writing, and Math and be eligible to register for College Level courses in these subjects. Students may demonstrate proficiency by placing into College Level courses on the Accuplacer Tests offered through Testing Services at NEIU; by completing appropriate coursework with a “C” or better; or through ACT scores. Please see pre-requisites for BIO-150 (<http://catalog.neiu.edu/archive/2016-2017/search/?P=BIO-150>) for a complete list of how these proficiencies can be satisfied.

Students are encouraged to take ENGL-101, ENGL-102, CHEM-211 as early as possible in their academic careers as successful completion of both ENGL courses is required for WIP: General Ecology (a core course), and CHEM-211 is required for Cell Biology (another core course). Likewise, completing MATH-187 or MATH-275 early on will help students with the quantitative aspects of many Biology courses, and MATH-187 will satisfy the pre-requisite requirement for the Physics courses that are required by the major.

- Major in Biology (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/biology/biology>)
- Minor in Biology (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/biology/minor-biology>)
- Master of Science in Biology (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/biology/master-science-biology>)

John M. Kasmer, Ph.D., Associate Professor, Chair

Elyse Bolterstein, Ph.D., Assistant Professor

Jorge Cantú, Ph.D., Assistant Professor

Pamela Geddes, Ph.D., Associate Professor

Mary Kimble, Ph.D., Professor

Shubhangee Mungre, Ph.D., Professor

Joel Olfelt, Ph.D., Professor

Sarah Orlofske, Ph.D., Assistant Professor

Emily Rumschlag-Booms, Ph.D., Assistant Professor

Aaron Schirmer, Ph.D., Associate Professor

Jennifer Slate, Ph.D., Professor

Michael Stern, Ph.D., Professor

Emina Stojkovi#, Ph.D., Associate Professor

John N. Thomas, Ph.D., Associate Professor

Cindy Voisine, Ph.D., Assistant Professor

BIO-100. Introduction To Biology. 3 Hours.

This course addresses the problems of living things with emphasis on human physiology and the propagation of life, covering major biological concepts and principles. The course consists of lectures and labs; labs include required dissection. (the course does not fulfill major or minor requirements in biology.).

BIO-104. The Changing Natural Environment. 3 Hours.

Attitudes toward the natural environment. Exploitation of the natural plant and animal communities and the effects of overpopulation and increasing pollution of the environment on the biological world. Lecture only. (Does not fulfill major or minor requirements in Biology.).

BIO-105. Environmental Biology Lab. 1 Hour.

This course provides a field and laboratory experience to accompany the MS Concepts Minor Section of "Changing Natural Environment". Data collected in the field and laboratory will be used for analysis in the paired MATH-147 course in statistics and probability. The field and lab course will focus on the process of science-from exploratory and inquiry based laboratory field work to scientific communication and presentation skill. Technology will be threaded throughout the course. Topics include diversity and viability in nature, ecosystem services, and flows of matter and energy. This course is linked to BIO-104 and MATH-147.

Prerequisites: (BIO-100 minimum grade of C or BIOL-100 minimum grade of C) and (MATH-180 minimum grade of C or MATH-199A minimum grade of C).

Corequisites: BIO-104, MATH-147.

BIO-107. The Effects of Food & Drugs. 3 Hours.**BIO-109A. First Year Experience: Alien Invasions Of Chicago. 3 Hours.**

Global trade and travel has been responsible for spreading microbes, plants and animals across great distances and previously insurmountable barriers, and many of these species, once introduced into a new area become ecological invaders. Species that become invasive have strong negative impacts, both economic and ecological, so a great deal of resources are dedicated to controlling or removing them. This course will survey the diversity of species that have invaded ecological communities in the Chicago area, look at the factors that allowed them to become invasive, look at the ways in which these invaders have had negative ecological and economic impacts in the region, and review examples of how ecological principles have been and are being applied to control them. Students will meet with local experts in the field, in order to get first-hand experience with some of the more infamous invasive species and see Chicago from the perspective of urban ecologists.

BIO-150. Essential Skills For Biologists. 2 Hours.

A practical approach to providing students with the basic skill they will be expected to have in upper-division biology courses, including lab safety; methods and units of scientific measurement; scientific record-keeping, communication and library research skills; and summarizing and presenting data. Lecture and laboratory with a significant web-based component.

Prerequisites: (MATH-092 - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 45 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120) and (ESL-120 or ELP-099 or NEIU English Placement Writing 7 - 9 or ENGL-101 - 102 or (Accuplacer WritePlacer 4 and Accuplacer Sentence Skills 095 - 120) or (Accuplacer WritePlacer 5 - 8 and Accuplacer Sentence Skills 020 - 120)) and (READ-095 - 116 or ACT Reading 20 - 36 or NEIU English Placement Reading 5 - 9 or Accuplacer Reading Comp 080 - 120).

Corequisite: BIO-201.

BIO-199. Topics In Teaching Middle School Biology. 4 Hours.

Corequisite: MATH-145.

BIO-201. General Biology I. 4 Hours.

The first course of our introductory biology series focuses on the organismal aspects of biology, including: the basic structure of animal and plant cells; intracellular organelles; metabolic pathways; the cell cycle; and basic genetics. Laboratory exercises emphasize scientific method and writing, and include experience with basic techniques such as microscopy, biological assays, and gel electrophoresis. Lecture and laboratory.

Prerequisites: (MATH-092 - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 45 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120) and (ESL-120 or ELP-099 or NEIU English Placement Writing 7 - 9 or ENGL-101 - 102 or (Accuplacer WritePlacer 4 and Accuplacer Sentence Skills 095 - 120) or (Accuplacer WritePlacer 5 - 8 and Accuplacer Sentence Skills 020 - 120)) and (READ-095 - 116 or ACT Reading 20 - 36 or NEIU English Placement Reading 5 - 9 or Accuplacer Reading Comp 080 - 120).

Corequisite: BIO-150.

BIO-202. General Biology II. 4 Hours.

In this second course of our introductory biology series we introduce the diversity of life in the context of evolutionary theory, studying biological processes at levels of organization ranging from populations to ecosystems. Laboratory exercises emphasize scientific method and writing and include surveys of major groups of organisms and dissections. Lecture and laboratory.

Prerequisites: BIO-150 minimum grade of C and (BIO-201 minimum grade of C or BIOL-102 minimum grade of C).

BIO-299. Ecology Concepts. 3 Hours.

This course provides a foundation in core ecology concepts as they relate to the practice of middle school teaching. A quantitative perspective will be stressed and topic will be analyzed using tools from calculus, technology, concept and agent modeling whenever possible. Course will focus on scientific inquiry methodology and process, from exploratory and inquiry-based laboratory and field work to scientific communication and presentation skills. Topics include population growth, competition, and flows of matter and energy. This course is linked to MATH-380.

Prerequisites: BIO-100 minimum grade of C or BIOL-100 minimum grade of C and (BIO-104 minimum grade of C or BIOL-104 minimum grade of C) and (MATH-380 minimum grade of C or MATH-199X minimum grade of C).

BIO-301. Cell Biology. 4 Hours.

Basic molecular and cellular processes. Structures of biomolecules. Energetics: enzymes, photosynthesis, respiration. Genetic control: chromatin, DNA replication, RNA transcription and regulation, protein synthesis. Cell functions, including: protein secretion; cell membrane structure; transport and surface interactions; cell cycle; cell motility; cell growth; cell origins. Lecture and laboratory.

Prerequisites: (BIO-201 minimum grade of C or BIOL-102 minimum grade of C) and BIO-150 minimum grade of C and CHEM-211 minimum grade of C.

BIO-303. General Genetics. 4 Hours.

This course is designed to provide students with a comprehensive background in genetics including classical/Mendelian genetics, bacterial and phage/viral genetics, the chromosomal and molecular basis of heredity, and population genetics. Lecture and laboratory.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C.

BIO-305. Writing Intensive Program:General Ecology. 4 Hours.

An introduction to the basic concepts of ecology. Study of the factors/interactions that determine the distribution and abundance of species at the individual, population, community, and ecosystem levels. You will satisfy the writing intensive requirement by writing in a variety of discipline-specific formats. Lecture, laboratory, and fieldwork, with up to two field trips scheduled on a Friday, Saturday, or Sunday.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and ENGL-101 minimum grade of C and ENGL-102 minimum grade of C.

BIO-310. Evolution. 3 Hours.

A reading/lecture/discussion course on the facts, theories and principles of organic evolution. Lecture only.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C.

BIO-311. History of Science. 3 Hours.

Development of the scientific method and knowledge of the natural sciences from ancient civilization to the present. Lecture only.

BIO-318. Human Anatomy And Physiology I. 4 Hours.

This is the first course in a two course series of human anatomy and physiology. It will provide a foundation of anatomical terms and explain structure-function relationships of tissues and organs. The course will focus on the anatomy and physiology of integumentary, skeletal, muscular and nervous systems. Interaction and regulation of various systems to maintain homeostasis will be studied. In the lab component, students will get hands on experience with a human cadaver. They will examine and identify each system studied in class. Wherever possible, histology of tissues will be studied. Pathological conditions of each system will be discussed, including recent advances in treatment.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-301 minimum grade of C.

BIO-319. Human Anatomy And Physiology II. 4 Hours.

This is the second course in a two course series of human anatomy and physiology. The course will focus on the anatomy and physiology of respiratory, circulatory, digestive, urinary, reproductive and endocrine systems. Interaction and regulation of these systems to maintain homeostasis will be studied. In the lab component, students will study human cadaver as well as anatomical models. Wherever possible, histology of tissues will be studied. Pathological conditions of each system will be discussed, including recent advances in treatment.

Prerequisites: BIO-318 minimum grade of C and BIO-301 minimum grade of C.

BIO-320. Animal Kingdom. 4 Hours.

Anatomy, physiology, classification and phylogeny of animals. Lecture and laboratory.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C.

BIO-322. Invertebrate Zoology. 4 Hours.

Taxonomy and comparative morphology of the major phyla of invertebrates, organisms that comprise about 95% of animal life. Topics include life histories of representative species. Lecture and laboratory.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C.

BIO-323. Entomology. 4 Hours.

Insects, their identification, classification, habits and ecological relationships with special emphasis on those common to the Chicago area. Lecture, laboratory and fieldwork.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C.

BIO-324. Ornithology. 4 Hours.

Birds, their identification, classification, habits and ecological relationships with special emphasis on those common to the Chicago area. Lecture, laboratory and fieldwork.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C.

BIO-325. Local Fauna. 4 Hours.

Taxonomy and field identification characteristics of local animal groups with emphasis on collecting organisms in selected ecosystems in the region. Both major invertebrate and vertebrate taxa are surveyed; organisms collected in the field are studied in the laboratory. Student prepare a collection of labeled organisms. Lecture, laboratory and fieldwork.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C.

BIO-326. Animal Parasitology. 4 Hours.

Taxonomy, anatomy, physiology and significance of parasitic animals; host-parasite interactions; distribution of parasites throughout the world; examination of their life cycles, and prophylaxis and therapy of parasitic infections. Lecture and laboratory.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C.

BIO-327. Mammalian Anatomy. 4 Hours.

Gross architectural elements of the mammalian body, with emphasis upon correlation of form and function. Lecture and laboratory.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C.

BIO-328. Animal Behavior. 3 Hours.

Comparative ethology in the animal kingdom and its adaptive significance based upon the evolution of form and function of the nervous system, sense organs and effector organs. Topics include instinct, learning, intelligence, social organization and their physiological integrating mechanisms. Lecture only.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C.

BIO-330. Plant Anatomy And Morphology. 4 Hours.

Plants are a diverse and important group of organisms. In this course students compare the morphology and anatomy of vascular and nonvascular plants, use scientific method to answer a question about plants using microscopy and other anatomical or morphological techniques, and communicate results of their studies to classmates. The course includes instruction in plant identification techniques and in taxonomic methods. Lecture and laboratory.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C.

BIO-331. Plant Physiology. 4 Hours.

Physiochemical basis of plant life, emphasizing life processes of major significance to the seed plants. Lecture and laboratory.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-301 minimum grade of C.

BIO-332. Local Flora. 4 Hours.

The study of local plant species, with emphasis on phylogenetic relationships, systematics, ecological relationships and economic or ethnobotanic uses. Focus will be on species that are flowering during the semester that the course is taught, usually summer or fall. Lecture, laboratory and field trips.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C.

BIO-333. Economic Botany. 3 Hours.

Plants of particular economic significance to humans as sources of food, fibers, flavoring agents, drugs and industrial chemical; horticultural plants; the role of economic plants in past and modern society. Lecture Only.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C.

BIO-334. General Mycology. 4 Hours.

The study of fungi, a distinct kingdom of unicellular and filamentous organisms, Fungi have tremendous ecological importance playing essential roles as decomposers as well as parasites and symbionts. Fungi also have significant economic importance in the food and beverage industries. This course covers all aspects of fungal biology, including laboratory culture, natural history, morphogenesis, genetics and physiology. Lecture and laboratory.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C.

BIO-340. Molecular Biology. 4 Hours.

This course is designed for upper level undergraduates and builds on Genetics and Cell Biology. Molecular biology is rapidly advancing the fields of biomedical sciences and agricultural sciences. Understanding the chemistry of DNA, RNA and proteins has allowed scientists in biomedical and agricultural sciences the ability to manipulate these macromolecules to more fully understand cellular functions, treat human diseases and engineer more viable crops and live stock. This course is designed to provide students with a broad understanding of molecular biology as well as teach modern molecular biology techniques routinely used in research labs, forensics labs and hospital diagnostic labs. Lecture and Laboratory.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-301 minimum grade of C and BIO-303 minimum grade of C.

BIO-341. General Microbiology. 4 Hours.

Study of the taxonomy and identification, ultrastructure and function, nutrition and growth, physiology, metabolism, molecular genetics, host-microbial interactions, immunology ecology and biotechnology of microorganisms and viruses. Lecture and laboratory.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-301 minimum grade of C.

BIO-342. Pathogenic Microbiology. 3 Hours.

Systematic study of the distinctive cellular and molecular properties of pathogenic microorganisms including bacteria, fungi, viruses and protozoans. Mechanisms of infection, diagnosis, treatment and control of these microorganisms. Lecture only.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-341 minimum grade of C.

BIO-343. Virology. 4 Hours.

The course is designed to give students a background of animal, plant and bacterial viruses with further emphasis on animal viruses. Topics covered will include but are not restricted to, replication strategies and life cycle, molecular mechanisms of infection, virus host interactions, viral evasion of body's immune response and various pathological conditions. Laboratory exercises will include growth and isolation of virus, plaques assays, DNA cloning and expression of heterologous gene using a viral vector. Upon completion of the course, students will have a knowledge base useful towards medical or other health related careers. Lecture and laboratory.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-341 minimum grade of C.

BIO-344. Vertebrate Histology. 4 Hours.

This course will focus on the basic characteristics and identification of the primary vertebrate tissues, as well as their organization into organ systems. Where appropriate microanatomy will be integrated with organ functions. Examination of microscope slides, light micrographs, and electronmicrographs of tissues and organs will be used in the study of vertebrate histology. Lecture and laboratory.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-301 minimum grade of C.

BIO-345. Emerging Infectious Diseases. 3 Hours.

Emerging infectious diseases are those that have not previously been seen and those that are re-emerging after having been controlled. This course will provide an introduction to significant emerging infectious diseases in humans. Through a combination of lecture, discussion, and in-class activities, this course will focus on factors that contribute to emerging infectious diseases, mechanisms of disease transmission, as well as analysis of specific diseases, their associated diagnosis and prevention.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-341 minimum grade of C.

BIO-346. Parasites And Human Health. 3 Hours.

In-depth study of the major helminth, protozoan, and arthropod parasites of humans. The course will compare these organisms to other human pathogens and provide insight into their unique historical and contemporary importance at the individual host, population, and global scales. Using a mathematical epidemiological approach, this course is designed to give students a hands-on experience with topics including transmission, pathology, immunology, and distributions of parasites within and among human hosts. The course will also provide students with a broad understanding of diagnosis, control, treatment, and prevention. Lecture. **Prerequisites:** BIO-150, BIO-201, BIO-202, BIO-305, MATH-187 OR MATH-275. BIO-326 recommended.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-305 minimum grade of C and (MATH-187 minimum grade of C or MATH-275 minimum grade of C).

BIO-350. Plant Ecology. 4 Hours.

An introduction to how the concepts of ecology have been developed for and applied to plant systems. This course is an extension of General Ecology and emphasizes not only the ways in which general principles have been applied to plants, but also concepts and methodology unique to plants. Lecture, laboratory and fieldwork.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-305 minimum grade of C.

BIO-351. Phycology. 4 Hours.

By studying the biology of algae, students will examine the complex ecological interactions of algae with their environments, the roles that algae have played in the evolution of life, and the increasing uses of algae in biotechnology. There will be several sampling trips to wetlands, lakes, and streams, including a Friday or Saturday field trip outside of Cook County. Students will design and conduct original research projects involving identification and study of algal taxa. The course fulfills the undergraduate requirement for a botany elective and can also be taken for graduate credit. Lecture, laboratory, and fieldwork.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C.

BIO-352. Aquatic Biology. 4 Hours.

Students will study the biological processes that occur in freshwaters, the measurement of those processes, and the interaction of biological processes with water chemistry. Students will learn to collect quantitative ecological samples through field work in area lakes and rivers and they will analyze the biological organisms and related water chemistry of their samples upon return to the lab. Students will design and conduct original research projects. there will be several field trips, including a Friday or Saturday field trip outside of Cook County. Lecture, laboratory and fieldwork.

Prerequisites: CHEM-211 minimum grade of C and BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C.

BIO-357. Community Ecology. 3 Hours.

The course is designed for upper-level undergraduates and graduate students who are generally interested in ecology, conservation biology, and restoration ecology. Specifically, the course focuses on community ecology, an area of ecology that emphasizes how the interrelationships among several species within an area determine the structure and function of ecological communities within an ecosystem. The course explores the attributes that characterize communities as well as their organizing principles. In addition, the course covers approaches to their study and the implications they have on ecosystems. Throughout the course, examples from marine, terrestrial, and freshwater communities will be used to address the conceptual basis of the class. This class relies heavily on active discussion of primary literature (current and classic) as well as in-depth writing on selected topics.

Prerequisite: BIO-305 minimum grade of C.

BIO-358. Biological Geography. 3 Hours.

Geographic distribution of living organisms and the biological and geological principles underlying this distribution. Lecture only.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-305 minimum grade of C.

BIO-359. Ecological Methods. 4 Hours.

Field and laboratory methodology for the ecologist. Includes instruction on experimental design, quantitative sampling, data acquisition and interpretation as well as the preparation of project reports. Lecture and laboratory.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-305 minimum grade of C and MATH-275 minimum grade of C.

BIO-360. Vertebrate Physiology. 4 Hours.

Functions and interrelationships of organ systems. Lecture and laboratory.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-301 minimum grade of C.

BIO-361. Human Genetics. 4 Hours.

This course is designed for upper level undergraduate and graduate students, builds on General Genetics, and emphasizes human medical genetics. Topics covered include but are not restricted to: known human genetic disorders; use of karyotyping, microsatellite analysis and sequencing in the diagnosis of genetic disorders; use of pedigrees, epidemiological and molecular studies in the identification of genetic contributions to multifactorial conditions and diseases. Lecture and laboratory.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-303 minimum grade of C.

BIO-362. Biochemistry. 4 Hours.

Chemistry and metabolism of carbohydrates, proteins, nucleic acids, lipids, vitamins and minerals associated with animal and plant life. Lecture and laboratory.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-301 minimum grade of C and CHEM-231 minimum grade of C.

BIO-363. Immunology. 4 Hours.

The goals of the course are to study the role of cells and organs of immune system in health and disease. Topics covered will include but are not restricted to innate and adaptive immunity, molecular mechanisms of antibody diversity, major histocompatibility complex, complement system, immunodeficiency, allergies, immunology of cancer and organ transplantation. Recent developments in techniques and immunotherapies will also be discussed. The course will give the students theoretical and practical knowledge applicable to medical and other health related fields.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-301 minimum grade of C.

BIO-364. Endocrinology. 4 Hours.

The study of hormones and other signaling molecules and their functions in growth control, maintaining homeostasis and reproduction. Lecture and laboratory.

Prerequisites: CHEM-231 minimum grade of C and BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-360 minimum grade of C.

BIO-365. Neurobiology. 4 Hours.

This course is designed for upper level undergraduate and graduate students. An in depth examination of nervous systems in vertebrates and invertebrates. Topics covered include but are not restricted to: excitable membrane physiology, synaptic mechanisms, and neuronal organization with emphasis on the integrative aspects of neural function. Lecture and laboratory. (Recommended one Physiology course - Bio 318, Bio 319, Bio 331 or Bio 360).

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-301 minimum grade of C.

BIO-366. Cancer Biology. 3 Hours.

This course is designed for upper level undergraduate and graduate students and emphasizes the molecular and cellular basis of cancer. Topics covered include epidemiology of cancer, genetics of cancer, molecular mechanisms behind cancer, impact of viruses on human cancer development, and the biochemistry of cancer. Lecture only.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-301 minimum grade of C and BIO-303 minimum grade of C.

BIO-367. Developmental Biology. 4 Hours.

This course is designed for upper level undergraduate and will build on concepts covered in introductory biology using skills and knowledge gained in Cell Biology and Physiology. We will look at patterns of normal and abnormal development in the embryo emphasizing development interactions between cells and systems and how these systems are disrupted during development leading to birth defects. The course is designed to give students the basic knowledge needed to go on into research or professional school. Lecture and laboratory.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-303 minimum grade of C and (BIO-301 minimum grade of C or BIO-327 minimum grade of C).

BIO-368. Genomics and Proteomics. 3 Hours.

Genomics and Proteomics involves the use of high throughput methods and state of the art techniques, databases, and computations to generate, organize, explore, and analyze large data sets of DNA and/or protein sequence. This course will provide an introduction to the fields of genomics and proteomics. Through a combination of lecture, discussion, and hands on activities this course will focus on the methods and techniques used in gathering and interpreting genomic and proteomic data to answer questions important to various aspects of modern day biology.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-303 minimum grade of C.

BIO-372. Biochemistry Of Metabolism. 3 Hours.

Biochemistry of Metabolism is lecture-based course that focuses on the processing of carbohydrates, lipids, proteins, and nucleotides. This course will offer a mechanistic view of metabolic pathways related to each macromolecule group, including feedback control. Each section will be linked to clinical situations and will incorporate current primary research literature in the field of metabolism. Quantitative analysis of chemical reactions, bioenergetics, thermodynamics and interpretation of research articles will be incorporated as part of the lectures.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-362 minimum grade of C.

BIO-380D. Topics In Biology:Microbial Genetics. 3 Hours.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-341 minimum grade of C.

BIO-380E. Topics In Biology:Introductory Bryology. 3 Hours.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C.

BIO-380H. Topics In Biology:Sensory Mechanisms. 3 Hours.

Prerequisites: BIO-150 minimum grade of C and BIO-201 minimum grade of C and BIO-202 minimum grade of C and BIO-360 minimum grade of C.

BIO-381. Independent Study I. 1 Hour.

Library study of a biological topic, including a thorough literature search and production of a review paper on the chosen topic.

BIO-382. Independent Study II. 2 Hours.

(See BIO-381 for description and prerequisites.).

BIO-383. Independent Study III. 3 Hours.

(See BIO-381 for description and prerequisites.).

BIO-390. Biology Senior Seminar. 3 Hours.

This course is intended for students who are within two semesters of graduation. The goals of the course are to provide students with the opportunity to explore topics of particular interest to them, in greater depth than is usually possible within the context of topic specific courses and to assess whether students are able to integrate knowledge gained from different courses and/or disciplines. As part of the course, students will be required to take the MFAT. THIS COURSE FULFILLS THE CAPSTONE REQUIREMENT FOR THE BIOLOGY MAJOR.

BIO-391. Internship In Biology. 3 Hours.

Field or laboratory experience at an off-campus site guided by a faculty advisor, and a site supervisor. Requirements include; submission of a summary of the planned intern project and results, including a review of the relevant literature; presentation of the project in either podium format. Students are also required to take the MFAT. THIS COURSE FULFILLS THE CAPSTONE REQUIREMENT FOR THE BIOLOGY MAJOR.

BIO-392. Independent Research I. 2 Hours.

Field or laboratory study of a biological topic or question to be carried out over the course of 1-2 terms. Requirements include; design and execution of the research project; review of relevant scientific literature; production of a scientific style paper describing the project and results; presentation of the project in either podium or poster format. Students will also be required to take the MFAT. THIS COURSE FULFILLS THE CAPSTONE REQUIREMENT FOR THE BIOLOGY MAJOR.

BIO-393. Independent Research II. 2 Hours.

Field or laboratory study of a biological topic or question to be carried out over the course of 1-2 terms. Requirements include; design and execution of the research project; review of relevant scientific literature; production of a scientific style paper describing the project and results; presentation of the project in either podium or poster format. Students will also be required to take the MFAT. THIS COURSE FULFILLS THE CAPSTONE REQUIREMENT FOR THE BIOLOGY MAJOR.

BIO-394. Seminar In Teaching Of Biology. 3 Hours.

This course will provide students with the opportunity to gain practical experience with methods of post-secondary teaching in the biological sciences. Students will participate in preparation, presentation and grading of lecture, laboratory and assessment materials. Students are required to identify a faculty mentor to advise and guide the teaching experience no later than the term before he/she registers for the course. As part of the course, students will be required to take the MFAT. THIS COURSE FULFILLS THE CAPSTONE REQUIREMENT FOR THE BIOLOGY MAJOR.

BIO-405. Biological Literature. 3 Hours.**BIO-408. Environmental Biology for Middle School Teaching. 4 Hours.****BIO-411. Spreadsheet Modeling In Ecology & Evolution. 3 Hours.**

Use of basic and advanced spreadsheet applications to model a wide variety of ecological and evolutionary processes and systems. Extensive use of graphing capabilities, complex nested functions, and advanced software functions including writing macros, sampling from statistical distributions, using lookup tables, etc. Students will complete independent projects in which they generate their own models using data from the literature and present their results both orally and in writing. Extensive work outside of the classroom will be required.

Prerequisite: BIO-305 minimum grade of C.

BIO-412. Chronobiology. 3 Hours.

Most living organisms display oscillations in many biological, physiological, and behavioral processes. These oscillations confer adaptive advantages for survival on a planet that revolves on its axis once every 24 hours. Chronobiology is the study of these adaptations. Through a combination of group activities, discussion, and lecture this course focuses on the physiologic and genetic generation of 24 hour rhythms, as well as the behavioral and physiological processes that they control in various species.

BIO-413. Evolutionary Biology. 3 Hours.

Comprehensive analysis of evolutionary patterns in both fossil and contemporary species. Studies include an overview of the history of evolutionary biology, Hardy-Weinberg equilibrium assumptions about non-evolving systems, Darwinian and non-Darwinian mechanisms of evolutionary change, the Biological Species Concept and alternative species definitions, pre-zygotic and post-zygotic mechanisms of speciation, and current views on the origin and natural history of life on Earth.

Prerequisite: BIO-202 minimum grade of C.

BIO-414. Comparative Biology Of Aging. 3 Hours.

Comparative analysis of aging, longevity, and mortality patterns in diverse prokaryotic and eukaryotic species. Studies include an overview of the history of biological gerontology, life-table construction and analysis, populational and physiological measurements of senescence, theoretical models of aging and longevity, use of vital statistics mortality data, biochemistry of free-radicals and antioxidant molecules, and therapeutic intervention to prolong lifespan in various species.

Prerequisite: BIO-301 minimum grade of C.

BIO-415. Animal Behavior. 3 Hours.

Advanced study and analysis of selected topics within the field of Animal Behavior with emphasis on topics that are currently at the forefront of the discipline. Depending on the term, the course may emphasize studies of animal behavior within an ecological, evolutionary and/or neuroethological context.

Prerequisite: BIO-360 minimum grade of C.

BIO-421. Biochemical Genetics. 3 Hours.

Explores the biochemistry of the genetic material and the cell's ability to replicate, transcribe and translate genetic information. Recent discoveries in gene manipulation are discussed. Lecture and discussion.

Prerequisite: BIO-303 minimum grade of C or BIOL-380 minimum grade of C.

BIO-424. Analysis Of Development. 3 Hours.

Prerequisite: BIO-305 minimum grade of C or BIOL-380 minimum grade of C.

BIO-427. Current Topics In Genetics. 3 Hours.

Advanced study and analysis of selected topics within the field of Genetics, with emphasis on topics that are at the forefront of advances in the discipline. Course may be repeated for credit one time with permission from the Graduate Advisor.

Prerequisite: BIO-303 minimum grade of C.

BIO-428. Current Topics In Human Genetics. 3 Hours.

Advanced study and analysis of selected topics within the field of Human Genetics, with emphasis on topics, such as the Human Genome and HapMap projects, epistasis, etc., that are at the forefront of advances in our understanding of human heredity, development and disease.

Prerequisite: BIO-303 minimum grade of C.

BIO-441. Biology Of Viruses. 3 Hours.

The structure and replication of viruses, strategies of host defense and viral evasion, and use of viruses in biotechnology. RNA- as well as DNA-viruses will be included. Current research papers will be discussed to make students aware of advances being made in the field.

BIO-447. Current Topics In Cell Biology. 3 Hours.

Advanced study and analysis of selected topics within the field of Cell Biology, with emphasis on topics that are at the forefront of advances in the discipline. Course may be repeated for credit one time with permission from the Graduate Advisor.

Prerequisites: BIO-301 minimum grade of C and BIO-303 minimum grade of C.

BIO-450. Foundations Of Ecology. 3 Hours.

Readings and discussions of foundational papers in ecology, and classic case studies of field and laboratory experiments in ecology. Overviews of the development of ecology as a science, major debates in ecology, and the development of both theory and methodologies in ecology will be presented. Students will also present and discuss contemporary papers in light of these historical contexts.

Prerequisite: BIO-305 minimum grade of C.

BIO-451. Historical/Contemporary Patterns Of Species Diversity. 3 Hours.

Prerequisite: BIO-305 minimum grade of C.

BIO-452. Quaternary Ecology. 4 Hours.

Prerequisite: BIO-305 minimum grade of C or BIOL-380 minimum grade of C.

BIO-453. Conservation Biology. 3 Hours.

This course will explore how ecological theory (including mathematical models), principles, and methodologies are applied to the conservation of populations, species, communities, and landscapes. Covered topics include biodiversity, the demographic and genetic structure of populations, population viability analysis, the problems that small populations face, extinction as a historical and contemporary process, current tools applied in conservation (e.g., GIS, molecular tools), and the application of ecological principles nature reserve design and ecosystem management. Students will read extensively from the primary literature, lead class discussions, and solve applied and quantitative problems.

Prerequisite: BIO-305 minimum grade of C.

BIO-454. Conservation Genetics. 3 Hours.

Advanced study of genetic theory and practice applied to the conservation of organisms. Current primary literature will be incorporated into the course through written assignments and discussions. Current conservation genetic techniques and computer-based data analysis methods will be practiced in the laboratory.

Prerequisites: BIO-303 minimum grade of C and BIO-305 minimum grade of C.

BIO-455. Restoration Ecology. 3 Hours.

Application of ecological research and concepts to restoration of disturbed ecosystems. Current trends and challenges in restoring populations, communities and ecosystems.

Prerequisite: BIO-305 minimum grade of C.

BIO-456. Bio-Environmental Analysis. 3 Hours.**BIO-457. Current Topics In Ecology & Evolution. 3 Hours.**

This course provides graduate students with an opportunity to explore a current topic in ecology and evolutionary biology from a variety of perspectives and scales, ranging from theory to molecular biology to community ecology. Each semester will be organized around a single book or edited volume. Students will read, present, and lead discussions on chapters from the selected book, along with related papers chosen from the recent primary literature. Students may take the course twice for credit, as long as the focal topic of the course is different.

Prerequisites: BIO-301 minimum grade of C and BIO-303 minimum grade of C and BIO-305 minimum grade of C.

BIO-462. Enzymology. 3 Hours.

Prerequisite: BIO-362 minimum grade of C.

BIO-463. Plant Biochemistry. 3 Hours.

Prerequisite: BIO-362 minimum grade of C.

BIO-464. Biochemistry And Molecular Biology Methods. 4 Hours.

A graduate level lecture and lab course that provides training in essential experimental methods used in modern Biochemistry and Molecular Biology, including computer analysis tools, while reviewing basic structure and function of biological molecules.

Prerequisite: BIO-362 minimum grade of C or BIO-340 minimum grade of C.

BIO-470A. Seminars In Biology. 1 Hour.**BIO-471. Comparative Animal Physiology. 3 Hours.**

Prerequisites: BIO-320 minimum grade of C and BIO-360 minimum grade of C.

BIO-475. Advanced Immunology. 3 Hours.

Prerequisite: BIO-363 minimum grade of C.

BIO-4821. Independent Investigations. 1 Hour.

Field or laboratory study of a biological topic or question, to be carried out over the course of 1-2 terms. Requirements include two or more of the following- design and execution of the research project; review of relevant scientific literature; production of a scientific style paper describing the project and results; presentation of the project in either podium or poster format. No more than 3 credits of BIO-482 can be applied to the requirements for the Biology MS.

Prerequisite: BIO-405 minimum grade of C.

BIO-4822. Independent Investigations. 2 Hours.

See course description for BIO-4821.

Prerequisite: BIO-405 minimum grade of C.

BIO-4823. Independent Investigations. 3 Hours.

See course description for BIO-4821.

Prerequisite: BIO-405 minimum grade of C.

BIO-485L. Advance Topics In Biology: Applied & Environmental Microbiology. 3 Hours.**BIO-491. Seminars In Biology. 1 Hour.****BIO-4994. Research Thesis. 4 Hours.**

Guidance of students conducting research and writing a thesis to fulfill requirements for the Master of Science degree in Biology, Option II. Students may register for 1-4 credits per term with a 6 credits required for Option I of the Biology M.S. All BIO-499 credits must be earned within the equivalent of 2 academic years.

Prerequisite: BIO-405 minimum grade of C.

BIO-5901. Library Thesis Hours. 1 Hour.

Guidance of students conducting literature/library research and writing a Thesis to fulfill requirements for the Master of Science degree in Biology, Option II. Students may register for 1-3 credits per term with a minimum of 4 credits required for Option II of the Biology M.S. All BIO-590 credits must be earned within the equivalent of 2 academic years.

Prerequisite: BIO-405 minimum grade of C.

BIO-5902. Library Thesis Hours. 2 Hours.

See course description for BIO-5901.

Prerequisite: BIO-405 minimum grade of C.

BIO-5903. Library Thesis Hours. 3 Hours.

See course description for BIO-5901.

Prerequisite: BIO-405 minimum grade of C.

BIO-5991. Research Thesis Hours. 1 Hour.

Guidance of students conducting research and writing a thesis to fulfill requirements for the Master of Science degree in Biology, Option II. Students may register for 1-4 credits per term with a 6 credits required for Option I of the Biology M.S. All BIO-599 credits must be earned within the equivalent of 2 academic years.

Prerequisite: BIO-405 minimum grade of C.

BIO-5992. Research Thesis Hours. 2 Hours.

See course description for BIO-5991.

Prerequisite: BIO-405 minimum grade of C.

BIO-5993. Research Thesis Hours. 3 Hours.

See course description for BIO-5991.

Prerequisite: BIO-405 minimum grade of C.

Major in Biology

Major in Biology for the Bachelor of Science Degree

(68-71 credit hours total: 43-46 credits in Biology + 25 credits in cognate areas)

The major requires a set of six required Biology courses (including a cornerstone course, BIO-150), five elective courses in Biology, a capstone course in Biology, and a set of cognate courses in Chemistry, Mathematics and Physics. As such, the curriculum provides broad training in the sciences, allows for students to take a sequence of courses that fit their particular interests within Biology and allows students to prepare themselves for specific careers in Biology.

Students who are seeking to be licensed to teach Biology in secondary schools should consult with both an advisor in Biology and an advisor in the College of Education.

Students interested in pursuing graduate studies are strongly encouraged to take one year each of organic chemistry and calculus, and a course in statistics.

Students who are planning to pursue professional training in medicine, dentistry, pharmacy and other health professions should contact the professional schools to which they intend to apply in order to determine their specific program requirements. Students should also consult regularly with an advisor in Biology to ensure that they take an appropriate set of elective courses. Finally, these students can receive guidance on recommended courses, graduate-school test preparation and the application process from the Coordinator of Student Services in the Office of the Dean of the College of Arts and Sciences as well as the Student Center for Science Engagement.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Required Biology Courses

The following six core courses are required of all majors. (Note that BIO-150 must be taken concurrently with BIO-201 or, for transfer students, in their first semester at NEIU.)

BIO-150	Essential Skills For Biologists	2
BIO-201	General Biology I	4
BIO-202	General Biology II	4
BIO-301	Cell Biology	4
BIO-303	General Genetics	4
BIO-305	Writing Intensive Program:General Ecology	4
Total Hours		22

Five elective courses must also be taken. At least three courses must have a lab component. Four of these must be Biology courses, one of which must focus on plants and one must focus on animals. The fifth course may be in Biology, or can be a course from another department, as long as it has been approved by the Biology Department to count as an elective. Students should check with the Biology Department Office or their advisor for a list of approved courses. 18-20 cr. A maximum of three courses can be transferred to satisfy the Biology electives.

One capstone course must also be taken after a student has made substantial progress toward completing the major requirements. The capstone requirement can be satisfied by taking:

Select one of the following:		3-4
BIO-390	Biology Senior Seminar	
BIO-391	Internship In Biology	
BIO-392 & BIO-393	Independent Research I and Independent Research II	
BIO-394	Seminar In Teaching Of Biology	

Students should check the catalog or their advisor to determine the pre-requisites for each of these options 3-4 cr.

Required Cognate Courses

CHEM-211	General Chemistry I	5
CHEM-212	General Chemistry II	4
CHEM-231	Organic Chemistry I	4
MATH-187	Calculus I	4
or MATH-275	Applied And Computational Statistics	
Two semesters of Physics, either algebra-based or calculus-based with labs		8
PHYS-201 & PHYS-202	College Physics I and College Physics II	
PHYS-206 & PHYS-207	University Physics I and University Physics II	
PHYS-203 & PHYS-204	Physics I Laboratory and Physics II Laboratory	
Total Hours		25

Requirements for Secondary Education Licensure

In completing the Major in Biology, students seeking license to teach biology must earn 8 semester hours in botany including 5 semester hours in laboratory work, 8 semester hours in zoology including 5 semester hours in laboratory work, and 8 semester hours in physiology including 5 semester hours in laboratory work. Students who major in Biology and Secondary Education should consult with both an advisor in Biology and an advisor in the College of Education.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
BIO-150	Essential Skills For Biologists	2
BIO-201	General Biology I	4

CHEM-211	General Chemistry I	5
General Education Course - FYE		3
Term Hours		14
Term 2		
BIO-202	General Biology II	4
BIO-301	Cell Biology	4
MATH-173	College Algebra	4
ENGL-101	Writing I	3
General Education Course		3
Term Hours		18
Second Year		
Term 1		
BIO-303	General Genetics	4
MATH-187	Calculus I	4
ENGL-102	Writing II	3
General Education Course		3
Term Hours		14
Term 2		
BIO-305	Writing Intensive Program:General Ecology	4
CHEM-212	General Chemistry II	4
PHYS-201	College Physics I	3
PHYS-203	Physics I Laboratory	1
General Education Course		3
Term Hours		15
Third Year		
Term 1		
CHEM-231	Organic Chemistry I	4
BIO Elective		4
BIO Elective		3
General Education Course		3
General Education Course		3
Term Hours		17
Term 2		
PHYS-202	College Physics II	3
PHYS-204	Physics II Laboratory	1
BIO Elective		4
General Education Course		3
Elective/Minor		3
Term Hours		14
Fourth Year		
Term 1		
BIO-390	Biology Senior Seminar	3
BIO Elective		4
BIO Elective		4
General Education Course		3
Term Hours		14
Term 2		
BIO Elective		4
MATH or Science Elective		4
Elective/Minor		3
Elective/Minor		3
Term Hours		14
Total Hours:		120

Master of Science in Biology

Master of Science in Biology

The Master of Science in Biology program serves those interested in advanced training in applied or basic biological research and teaching. The program also provides a basis for further graduate or professional studies. The M.S. in Biology is broadly based, allowing students to tailor their courses to suit their interests. Laboratory skills are integral to many Biology careers, thus students are encouraged to include lab courses in their program of study. Faculty in the M.S. in Biology program have expertise in a range of sub-disciplines including ecology, organismal, cell, and molecular biology. All newly admitted students matriculate in the Fall semester.

Program Goals

Upon completion of the M.S. in Biology program students will have:

1. a strong understanding of disciplines across the breadth of Biology and a deep understanding of select Biology sub-disciplines.
2. developed the knowledge base necessary to critically evaluate research methods, data, and results, either produced by them or published in the primary literature.
3. developed strong written and oral presentation skills.
4. developed the analytical skills necessary to synthesize information in an area of research based on existing and new data.
5. developed strong research design and laboratory/field research skills.

Graduates completing the Non-Thesis or Library Thesis options for the M.S. in Biology will meet goals 1-4. Graduates completing the Research Thesis option will meet all 5 goals.

Admission Requirements

Note: Although applications for admission to the M.S. in Biology program are accepted throughout the year, all new students will start coursework (matriculate) in the Fall semester and are required to take BIO-405 during their first semester in the program. The application deadline for admission in the upcoming academic year is June 15.

Application forms for admission to the program may be obtained from, and must be submitted to, the College of Graduate Studies and Research (CGSR) Admissions Office. All students must fulfill the general requirements for admission to the CGSR. In addition, all students must meet the following requirements for admission to the M.S. in Biology program:

1. A Bachelor's degree in Biology or the course equivalent. The undergraduate course work must include both the Biology and related science courses (Chemistry, Physics and Math) that are standard components of the Biology major: two semesters each of General Biology, General Chemistry and Physics, and one semester each of Cell Biology, Ecology, Genetics, Organic Chemistry and Precalculus Mathematics or Statistics. General Education courses cannot be used to satisfy the Biology or cognate area requirements. Note: Undergraduate students who have not yet completed the Bachelor's degree are welcome to apply. Acceptance will be contingent on completion of the undergraduate degree and submission of official transcripts to the College of Graduate Studies and Research indicating that the degree was conferred.
2. An overall undergraduate GPA of 2.75, with a GPA of 3.0 in the undergraduate biology courses, is required for full admission to the program.
3. A typed, 1-2 page statement of Goals and Objectives. This statement must be written by the applicant to demonstrate their writing skills. It should specify as clearly as possible the applicant's academic and professional goals and the reasons for selecting the Biology M.S. program.
4. Two letters of recommendation from academic references (such as former or current professors) or work-related supervisors who are able to assess the applicant's potential for advanced graduate study.
5. GRE (Graduate Record Examination) scores are not required for admission, but they may be submitted to supplement an application.

Provisional Admission may be granted in exceptional circumstances. For more information, please refer to the section of the university catalog for the College of Graduate Studies & Research. Decisions regarding provisional admission are made on a case-by-case basis.

Degree Requirements

The M.S. in Biology allows students to tailor their program of study to meet their individual needs. Students may attend full-time or part-time and have up to 6 years to finish the M.S. degree requirements. Graduate courses are offered during the late afternoon and evening hours and sometimes on Saturday mornings. Courses that are lecture only meet one evening per week and courses that include a laboratory/field component meet two evenings per week (Fall & Spring semesters). For summer classes the meeting times are similar but the number of meetings per week may increase. All graduate

students are required to take BIO-405 and at least one course that includes a laboratory or field component. For students pursuing the Research Thesis Option, the research thesis fulfills the latter requirement.

Each student in the M.S. in Biology program will be required to assemble a portfolio of work that they complete during their tenure in the program. The portfolios will serve to:

1. document the progress of each student toward the degree, and the skills and knowledge base that they have achieved by the end of their tenure.
2. provide students with materials that will help them reach their professional goals.
3. provide the department with information that will allow us to assess the effectiveness of the program at achieving the goals and learning outcomes that we have established for the graduate curriculum.

Portfolios will be assembled on an ongoing basis, and will include examples of scholarly work from courses completed by the student in the NEIU graduate program and work produced specifically for the portfolio. Work produced specifically for the portfolio will be produced independently and will be for the purpose of achieving candidacy in the program (see below) or for being awarded the M.S. degree at the end of a student's tenure.

Specific requirements for the portfolio will be provided by the department, but all portfolios will include:

1. Personal statements, reports of academic progress and/or self-assessments written at different stages of completion of the degree requirements.
2. Curriculum vitae or resumés written at several stages of degree completion.
3. Representative samples from student's coursework (e.g., annotated bibliographies, summary/critiques of papers from the primary literature, poster presentations, supporting documentation for oral presentations, research proposals, review papers or research papers, and other examples of critical or synthetic writing).
For students who choose to complete the Research Thesis or Library Thesis Option, the portfolio will include (in addition to the items in categories a, b, and c above) their approved thesis proposal and a copy of the final thesis manuscript.
4. Literature-based writing assignments in which students demonstrate their ability to read, interpret, and synthesize information at a level expected of a graduate student in biology.
5. Short pieces of writing that demonstrates a student's ability to communicate their skills or expertise to both professional and lay audiences.

Candidacy in the Biology Program

Students need to apply for candidacy within the Biology program after they have completed at least 12 and no more than 18 credit hours of course work, including BIO-405. Candidacy also requires a GPA in courses that count towards the M.S. in Biology degree of at least 3.0. Students admitted on a provisional basis must satisfy all prerequisite deficiencies before they can receive candidacy. Evaluation of the portfolio will be included in decisions regarding advancement to candidacy. Students must satisfy their candidacy requirements and be declared candidates for the degree before they can register for either Library or Research Thesis credits. Candidacy application forms can be obtained through the Graduate Advisor or the Biology Department Office.

Degree Tracks

Research Thesis Option

This option is recommended for individuals who are interested in a career in biological research, are working in applied fields of Biology or are interested in further graduate or professional studies. Students interested in this option should arrange appointments with faculty in their area of interest and the graduate program advisor early in their program, to discuss potential thesis topics. Students completing the Research Thesis option will meet all 5 program goals listed above.

Students pursuing the Research Thesis Option must complete a minimum of 33 credit hours of graduate course work, including BIO-405 and Research Thesis Hours. Up to two (2) credits of Independent Investigations (BIO 4821-3) can replace an equal number of the Research Thesis Hours credits. Students must have advanced to candidacy (see below), identified a thesis advisor, and formed a thesis committee before they can submit the research proposal. The research proposal must be approved by the Biology Department before the student can register for Research Thesis credits. Exit requirement for the Research Thesis Option is successful completion of the research project and the public, oral defense of the Research Thesis. Students who register for the research thesis and subsequently decide not to complete the thesis may apply the credits they do complete for research thesis towards the requirements of the other options.

Library Thesis Option

This option is recommended for students who are interested in exploring a particular topic through literature research. The student will choose a library thesis advisor who will guide the student in identifying an appropriate question, preparing a thesis proposal, and writing the thesis. The goals of the library thesis are to explore a specific topic through the current literature with the aim of determining whether a specific question or questions can be

answered through existing knowledge or whether additional experimentation/ research are required to address the question. Students completing the Library Thesis Option will meet program goals 1-4 listed above.

Students pursuing the Library Thesis track must complete a minimum of 34 credit hours of graduate course work, including BIO-405, at least one course that includes a laboratory or field component, and Library Thesis Hours. The student must have advanced to candidacy (see above), have identified a thesis advisor and two readers, and obtained department approval of the thesis project before registering for Library Thesis Hours credits. Exit requirement for the Library Thesis Option is successful public, oral presentation and defense of the Library Thesis.

Non-Thesis Option

This option is recommended for students who desire a more flexible approach to graduate training in Biology, and who are not interested in research. It is a popular track for those in teaching or using the M.S. to become more competitive for admission to professional/health programs. Students completing the Non-Thesis Option will meet program goals 1-4 listed above.

Students must complete a minimum of 36 credit hours of graduate course work, including BIO-405, at least one course that includes a laboratory or field component, and the professional/academic portfolio. For students in the Non-Thesis Option, the portfolio will be evaluated at least 3 times during their tenure and the final portfolio must be submitted to their advisor no later than week 8 of their final semester in the program. Exit requirement for the Non-thesis track is acceptance of the portfolio by the Biology Graduate Advisory Committee.

Thesis Proposals

Students interested in pursuing either the Library or Research Thesis options need to submit a thesis proposal for review and consideration by the department before they will be permitted to register for thesis credits. Potential topics are first discussed with a prospective thesis advisor to determine a project focus. The student drafts a proposal for review by the faculty advisor, which presents the background and scope of the project, hypothesis/ hypotheses to be tested (question(s) to be addressed in the case of a library thesis), methodology (for research theses only), anticipated timetable, and literature review. At the same time, in consultation with the research advisor, the student must form his/her thesis committee (thesis advisor + 2 additional Biology faculty members for the Research Thesis or thesis advisor + 2 additional readers for the Library Thesis). Once approved by the committee, the proposal is then submitted to the Biology faculty for review and consideration. Faculty members are typically given a minimum of one week to provide comments and recommendations about the proposal. Students are required to have their proposal circulated to the department at least three weeks before the first semester in which they want/plan to register for thesis credits. The deadline for registering for thesis credits is the end of the first week of classes during a given semester. Check the current schedule of classes for specific dates.

Graduate Degree Time-Limit

Students in all Options have a maximum of 6 yrs to complete their degree. Students requiring an extension of an additional semester or more to complete their degree should petition the College of Graduate Study & Research and the Biology Graduate Advisory Committee before the 6-yr deadline is reached. Students taking more than 6 yrs may lose credits earned early in the program and may be required by the CGSR to complete additional course work. Students not taking courses regularly (every year) may be dropped from the program.

Courses

Only 400-level and a limited number of select 300-level courses (i.e. the 300* courses), can be applied toward the credit requirements for the graduate degree. The College of Graduate Study & Research limits the number of 300* credits that can count towards the M.S. degree to 10 credits.

Transfer credits: A maximum of 9 hours of transfer graduate credit can be applied to the requirements for the M.S. degree. The transfer credits must be approved by both the College of Graduate Study & Research (CGSR) and the Biology Department. Students interested in transferring credits need to submit official transcripts, a complete/detailed syllabus from the course(s), and rationale for transfer to the CGSR representative in Enrollment Management Services. The petition form for transferring credits is available on the College of Graduate Study and Research web page. Following matriculation, students wishing to take classes at another institution and transfer the credits to NEIU must have the courses preapproved by the Biology Graduate Advisor.

Courses from other NEIU departments: Students may have up to 9 cr. hours of graduate level course work taken in other departments counted toward their Biology degree. The Biology Graduate Advisor must pre-approve all course work from other NEIU departments. Students interested in taking graduate courses outside the Biology Department should first contact the Biology Graduate Advisor to verify that the course credits can count towards the M.S. in Biology degree; the student then needs to contact the Department offering the course to request permission to enroll in the course. Lastly, to be considered as part of the student's degree requirements, the student must submit a written rationale for the course, as well as a copy of the course syllabus. This should be done no later than the first week of classes during the semester the course is taken.

Minor in Biology

mINOR IN BIOLOGY (21-22 credit hours)

Students who are interested in gaining a deeper understanding of a few disciplines within Biology are encouraged to minor in Biology. In addition, students who are interested in pursuing a career in the health professions, but who do not want to major in Biology will benefit by choosing Biology as a minor.

A maximum of 9 cr. toward the Minor in Biology will be accepted in transfer credits and at least 9 cr. toward the Minor must be completed at NEIU. Note that students in the Early Education and Early Childhood Education programs who select this minor must complete a minimum of 9 hours of coursework at the 300-level in order to meet graduation and licensure requirements.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Required courses for the Biology Minor

BIO-150	Essential Skills For Biologists	2
BIO-201	General Biology I	4
BIO-202	General Biology II	4
Three elective courses in Biology must also be taken, at least two of which must have a laboratory component		11-12
Total Hours		21-22

Chemistry

Chemistry is a physical science with far-reaching applications that touch virtually every aspect of our day-to-day existence. Careers in chemistry offer numerous possibilities in a wide range of industries and in education.

The Chemistry program offers courses leading to the degrees of Bachelor of Science and Master of Science. The undergraduate curriculum prepares students for careers in industry and environmental chemistry positions as well as for graduate study. Undergraduate courses also provide appropriate backgrounds for students planning careers in medicine, dentistry, nursing and related professional health fields.

In 1985, Northeastern Illinois University was added to the American Chemical Society's (ACS) Approved List of baccalaureate chemistry programs in colleges and universities. Being included on the Approved List means that the chemistry curriculum meets standards established by the ACS Committee on Professional Training. Students completing the ACS track will earn a certificate stating that they have met ACS standards for professional training.

Transfer students majoring in chemistry need to contact a program advisor immediately so that transfer credits may be evaluated and an appropriate program of study planned.

Chemistry courses are designed to be taken in sequence. Students will not be permitted to register for courses if they do not have credit for the required prerequisites.

Undergraduate students are encouraged to participate in research programs with faculty members and may take CHEM-305, and CHEM-399 for that purpose. Internships with local chemical industries and laboratories are also encouraged through CHEM-365, and CHEM-366. Please consult with the undergraduate advisor concerning these courses.

Students should also be aware of the University requirements for the Bachelor's degree.

- Major in Chemistry (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/chemistry/chemistry>)
- Minor in Chemistry (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/chemistry/minor-chemistry>)
- Master of Science in Chemistry (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/chemistry/master-science-chemistry>)

Sargon John Al-Bazi, Ph.D., Professor, Chair

Ana Fraiman, D. Sc., Professor

Kenneth Nicholson, Ph.D., Associate Professor

Jing Su, Ph.D., Assistant Professor

Stefan Tsonchev, Ph.D., Associate Professor

CHEM-102. The Chemistry Of Drugs. 3 Hours.

CHEM-103. Chemistry And Society. 3 Hours.

Introduction to chemistry based on the study of some of the processes and materials which chemistry contributes to our civilization. Elementary chemical principles are used to explain the behavior of synthetic polymers, toxic substances, food additives, cleaning products, and other chemically manufactured materials. Knowledge of basic algebra skills assumed. Lecture 3 hours.

Prerequisite: (MATH-091 - 499 or MATH-091A - 499Z or NEIU Math Placement Result 02 - 45 or ACT Math 19 - 36 or Accuplacer Elementary Algebra 060 - 084 or Accuplacer College Level Math 020 - 120).

CHEM-108. Chemistry Concepts For Educators. 4 Hours.

This course covers the basic principles of chemistry including atomic theory, solution chemistry, organic and biochemistry, states of matter and its various physical and chemical properties, appropriate use of nomenclature, chemical bonding, and use of quantitative calculations based on chemical equations including scientific notation, significant figures and dimensional analysis. The historical development of how chemistry contributes to our civilization will also be considered. Elementary chemical principles will be used to explain the behavior of synthetic polymers, toxic substances, food additives, cleaning products and other chemically manufactured materials. Issues of contemporary critical technologies such as biomaterials, natural products, alternative fuels, bioremediation, fuel cells, green technology, bio-defense and smart materials may be examined. This course is aligned to the ISBE Standards for General Science Educators, National Science Teachers Association Standards and the Next Generation of Science Standards. Course outcomes include developing students' ability to apply knowledge of chemistry to a variety of real world problems and settings with particular emphasis on scientific inquiry, the nature of science, civic engagement and applications to teaching. CHEM-108 is an interdisciplinary lab-oriented course that integrates concepts from the life, physical, social sciences, and mathematics and is linked to MATH-281.

Prerequisites: (MATH-180 minimum grade of C or MATH-199A minimum grade of C) and (MATH-280 minimum grade of C or MATH-199G minimum grade of C).

Corequisite: MATH-281.

CHEM-109. First Year Experience: One Hundred Years Of Public Health In America. 3 Hours.

This course will discuss how public health policies have changed over the last century. It will emphasize Chicago relationships, and NEIU. The land on which NEIU stands was, at one time, the Chicago TB Sanatorium. The change in public health policies from TB sanatoriums and "Typhoid Mary" to AIDS is an interesting commentary on the change in American life.

CHEM-110. Chemical Concepts. 3 Hours.

Lab-oriented survey course in chemistry designed for the non-science major including such topics as the historical development of chemistry, atomic theory, solution chemistry, organic and biochemistry. Knowledge of basic algebra skills assumed. Lecture 2 hours, lab, 2 hours.

Prerequisite: (MATH-092 - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

CHEM-200. Introduction To General Chemistry. 3 Hours.

Basic principles of chemistry with particular emphasis on solving simple numerical problems and writing and balancing chemical equations; especially for students planning to take CHEM-211. Lecture 3 hours.

CHEM-211. General Chemistry I. 5 Hours.

Introduction to general inorganic chemistry, including stoichiometry, concentration units, gas laws, atomic structure, bonding, periodic laws, states of matter, solutions, acid-base theories, rate, equilibrium and oxidation-reduction theory. Lecture and Laboratory. Lecture 4 hours, lab 3 hours.

Prerequisite: (MATH-092 - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

CHEM-211C. Enrichment Seminar In General Chemistry I. 1 Hour.

Enrichment seminar accompanying CHEM-211. Students do problem solving in collaborative learning groups on material derived from and supplementing General Chemistry I to gain a deeper understanding of concepts and applications. Lecture 2 hours.

Corequisite: CHEM-211.

CHEM-212. General Chemistry II. 4 Hours.

Continuation of General Chemistry I with emphasis on reaction rates, equilibria in aqueous solutions, thermochemistry, oxidation-reduction reactions and the methods of qualitative analysis. Lecture and Laboratory. Lecture 3 hours, lab 3 hours. Can be taken concurrently with MATH-185.

Prerequisites: CHEM-211 minimum grade of C and MATH-185 minimum grade of C.

CHEM-212C. Enrichment Seminar In General Chemistry II. 1 Hour.

Enrichment seminar accompanying CHEM-212. Students do problem solving in collaborative groups on material derived from and supplementing General Chemistry II to gain a deeper understanding of concepts and applications. Lecture 2 hours.

Corequisite: CHEM-212.

CHEM-213. Writing Intensive Program: Quantitative Analysis. 5 Hours.

Statistical analysis of data, chemical equilibrium, simultaneous equilibria, classical and non-classical gravimetric and volumetric techniques, acid-base and oxidation-reduction reactions, spectrophotometric and potentiometric measurements. Lecture 3 hours, lab 6 hours.

Prerequisites: CHEM-212 minimum grade of C and ENGL-101 minimum grade of C.

CHEM-231. Organic Chemistry I. 4 Hours.

Study of the structure, properties, reaction mechanisms and nomenclature of aliphatic and aromatic hydrocarbons and their derivatives. Lecture and laboratory. Lecture 3 hours, lab 3 hours.

Prerequisites: CHEM-212 minimum grade of C and CHEM-211 minimum grade of C.

CHEM-231C. Enrichment Seminar In Organic Chemistry I. 1 Hour.

Enrichment seminar accompanying CHEM-231. Students do problem solving in collaborative learning groups on material derived from and supplementing Organic Chemistry I to gain a deeper understanding of concepts and applications. Lecture 2 hours.

Corequisite: CHEM-231.

CHEM-232. Organic Chemistry II. 4 Hours.

Continuation of CHEM-231. A study of structure, properties, reaction mechanisms, synthesis and infrared and nuclear magnetic resonance spectroscopy of the alcohols, acids, amines and other monofunctional compounds. Lecture and laboratory. Lecture 3 hours, lab 3 hours.

Prerequisite: CHEM-231 minimum grade of C.

CHEM-232C. Enrichment Seminar In Organic Chemistry II. 1 Hour.

Enrichment seminar accompanying CHEM-232. Students do problem solving in collaborative learning groups on material derived from and supplementing Organic Chemistry II to gain a deeper understanding of concepts and applications. Lecture 2 hours.

Corequisite: CHEM-232.

CHEM-305. Independent Study In Chemistry. 3 Hours.

An introduction to original chemical research under faculty supervision. Independent Studies require the approval of the instructor, department chair and the College Dean.

Prerequisites: CHEM-213 minimum grade of C and CHEM-232 minimum grade of C.

CHEM-311. Physical Chemistry I. 4 Hours.

Theoretical and experimental study of the structure and properties of matter, including the gaseous state, chemical thermodynamics, chemical equilibrium, liquids and phase equilibria, solutions of nonelectrolytes and ionic solutions. Lecture and laboratory. Lecture 3 hours, lab 3 hours. It is strongly suggested that the student has completed a year of physics with laboratory.

Prerequisites: CHEM-213 minimum grade of C and CHEM-232 minimum grade of C and MATH-187 minimum grade of C and PHYS-203 minimum grade of C and (PHYS-201 minimum grade of C or PHYS-206 minimum grade of C).

CHEM-311C. Physical Chemistry I Seminar. 1 Hour.

This course accompanies Physical Chemistry I, CHEM-311. Students will do problem solving in collaborative learning groups on material derived from and supplementing Physical Chemistry I lecture, in order to gain a deeper understanding of concepts and applications.

Corequisite: CHEM-311.

CHEM-312. Physical Chemistry II. 4 Hours.

Continuation of CHEM- 311, including the kinetic-molecular theory, transport properties, chemical kinetics, statistical mechanics, quantum theory, atoms and diatomic molecules and spectroscopy. Lecture and laboratory. Lecture 3 hours, lab 3 hours.

Prerequisites: CHEM-311 minimum grade of C and MATH-202 minimum grade of C and PHYS-204 minimum grade of C and (PHYS-202 minimum grade of C or PHYS-207 minimum grade of C).

CHEM-312C. Physical Chemistry II Seminar. 1 Hour.

This course accompanies Physical Chemistry II, CHEM-312. Students will do problem solving in collaborative learning groups on material derived from and supplementing Physical Chemistry II lecture, in order to gain a deeper understanding of concepts and applications.

Corequisite: CHEM-312.

CHEM-316. Inorganic Chemistry. 4 Hours.

A thorough study of bonding in non-transition and transition elements, periodic trends and tendencies, structural relationships and mechanisms of inorganic reactions. Lecture and laboratory. Lecture 3 hours, lab 3 hours.

Prerequisite: CHEM-232 minimum grade of C.

CHEM-318. Industrial Chemistry. 3 Hours.

A study of the industrial aspects of chemistry, including economics, design and operation of process equipment and a study of a variety of chemical industries. Lecture 3 hours.

Prerequisite: CHEM-231 minimum grade of C.

CHEM-319. Chemical Aspects Of Environmental Chemistry. 3 Hours.

A survey of the chemical principles involved in environmental problems. Topics include atmospheric, aquatic and geographic chemistry, sources of pollutants and the consequences of pollution. Lecture 3 hours.

Prerequisites: CHEM-212 minimum grade of C and CHEM-232 minimum grade of C.

CHEM-320. Industrial Aspects Of Environmental Chemistry. 3 Hours.

Industrial aspects of environmental chemistry covering specific topics such as energy, water and wastewater treatment, treatment and disposal of domestic and industrial wastes, techniques for detecting and analyzing chemical pollutants, environmental modeling and analyzing chemical pollutants, environmental modeling and recycling strategies. Lecture 3 hours.

Prerequisites: CHEM-213 minimum grade of C and CHEM-232 minimum grade of C.

CHEM-321. Environmental Chemistry In The City. 2 Hours.

This is a laboratory and field course that will concentrate on topics of environmental interest in the city of Chicago. Field work will include visits to the Chicago River, Lake Michigan, the Chicago Forest Preserve, and other locations in the metropolitan area. Students will learn proper methods of sample collection, storage, and transport. Chemical analysis of collected samples by titrimetric, gravimetric, spectroscopic, chromatographic, and electrochemical methods will take place in the field and in the laboratory. Lecture 1 hr, Lab/Field 2.5 hrs. Prerequisite: CHEM-213 with a Grade of C or better.

Prerequisite: CHEM-213 minimum grade of C.

CHEM-326. Chemical Literature. 2 Hours.

Introduction to library research in chemistry and preparation of a review paper in some current field of chemistry. Lecture 2 hours. One 300-level course in chemistry is required.

CHEM-328. History Of Chemistry. 3 Hours.**CHEM-330. Instrumental Analysis: Spectroscopy. 4 Hours.**

Intensive laboratory introduction to infrared spectroscopy, ultraviolet and visible spectroscopy, mass spectrometry, and nuclear magnetic resonance spectroscopy and the qualitative, quantitative and research aspects associated with them. Lecture and laboratory. Lecture 3 hours, lab 6 hours. Consent of instructor.

Prerequisites: CHEM-213 minimum grade of C and CHEM-232 minimum grade of C.

CHEM-331. Instrumental Analysis: Quantitative Methods. 4 Hours.

Introduction to the theory and practice of instrumental methods used to determine composition of materials, including gas and liquid chromatography, atomic absorption and emission, X-ray diffraction and fluorescence and potentiometry. Lecture and laboratory. Lecture 3 hours, lab 6 hours.

Prerequisites: CHEM-213 minimum grade of C and CHEM-231 minimum grade of C.

CHEM-332. Identification Of Organic Compounds. 4 Hours.

Chemical, physical and spectroscopic methods and their use in the separation, purification and identification of organic compounds. Lecture and laboratory. Lecture 2 hours, lab 6 hours.

Prerequisites: CHEM-213 minimum grade of C and CHEM-232 minimum grade of C.

CHEM-346. Radiochemistry. 4 Hours.

Prerequisites: CHEM-213 minimum grade of C and CHEM-231 minimum grade of C.

CHEM-347. Advanced Organic Chemistry: Polyfunctional Compounds. 3 Hours.

Chemistry of polyfunctional compounds, condensed aromatic and heterocyclic systems, electrocyclic reactions and molecular rearrangements. Lecture 3 hours.

Prerequisite: CHEM-232 minimum grade of C.

CHEM-348. Advanced Organic Chemistry: Bio-Organic Compounds. 3 Hours.

The chemistry of complex molecules such as proteins, nucleic acids and carbohydrates is studied from the point of view of their physical properties and their reaction, synthesis and structure-function relationships. Lecture 3 hours.

Prerequisite: CHEM-232 minimum grade of C.

CHEM-349. Organic Synthesis. 4 Hours.

A systematic approach to the synthesis of complex organic compounds will be developed. The retrosynthetic approach will be taken, with a final target molecule being the goal of the synthesis. It will be taken apart step-by-step to arrive at reasonable starting materials for the synthesis. Availability and expense of potential starting materials, necessity of protecting groups, and production of isomeric and/or stereoisomeric mixtures will be among the points of consideration for each synthesis. Lecture 3 hours.

Prerequisite: CHEM-232 minimum grade of C or CHEM-330 minimum grade of C.

CHEM-350. Principles Of Toxicology. 3 Hours.

This course offers an introduction to the basic principles of the broad field of toxicology. The mechanisms involved in what constitutes a toxic response will be explored, including examples of toxic chemicals targeting specific biochemical pathways in the human body. Major groups of toxic chemicals such as pesticides, metals, solvents, vapors, radiation and radioactive materials, animal venoms and poisons, will be surveyed. Also addressed are the applied areas of food, forensic/ analytical, and occupational toxicology.

Prerequisite: CHEM-231 minimum grade of C.

CHEM-353. Principles of Pharmacology. 3 Hours.

This course will focus on the action of drugs on major organ systems, including the nervous, cardiovascular, gastrointestinal, respiratory, and reproductive systems, as well as drugs for cancer, infectious, and inflammatory diseases. It is also covers pharmacokinetics, drug-receptor interactions, and drug metabolism for these categories of therapeutic agents.

Prerequisite: CHEM-231 minimum grade of C.

CHEM-355. Principles Of Medicinal Chemistry. 3 Hours.

This course offers an introduction to the principles of drug design and the molecular mechanism by which drugs act on the human body. It covers basic structure and function of drug targets, lead compound identification, optimization of drug-target interaction and improvement of pharmacokinetic properties of drugs. Tools in the modern drug discovery and development such as high-through-put synthesis and screening, structure-activity relationships, and computer-aided drug design will be also addressed.

Prerequisite: CHEM-231 minimum grade of C.

CHEM-356. Bioorganic Chemistry Laboratory. 2 Hours.

This course offers a laboratory introduction to bioorganic chemistry, with experiments involving each of the main classes of biomolecules, including proteins, carbohydrates, lipids, and nucleic acids.

Prerequisites: CHEM-231 minimum grade of C and CHEM-232 minimum grade of C.

CHEM-357. Chemical Kinetics. 3 Hours.

The study and evaluation of various theories of reaction rates and mechanisms of chemical reactions. Lecture 3 hours.

Prerequisite: CHEM-311 minimum grade of C.

CHEM-365. Internship In Chemistry I. 6 Hours.

Experience in chemistry in an off-campus location, e.g. business or government. The student registering selects well-defined academic goals to be achieved. These goals will be selected in cooperation with an on-campus advisor. Independent studies require the approval of the instructor, department chair and the College Dean.

CHEM-366. Internship In Chemistry II. 6 Hours.

Continuation of CHEM-365. Independent studies require the approval of the instructor, department chair and the College Dean.

CHEM-372C. Chemistry For Precollege Teachers II:Organic Chemistry For Elementary School Teachers. 2 Hours.**CHEM-390. Seminar In Chemistry. 1 Hour.**

Critical review of research presented by visiting university and industrial chemists and student preparation and presentation of original and library chemical research topics.

Prerequisite: CHEM-311 minimum grade of C.

CHEM-391. Chemistry Capstone Seminar. 3 Hours.

Critical review of research presented by visiting university and industrial chemists and student preparation of original and library research topics. The course will also explore issues related to becoming a morally responsible scientist and will include ethical problem solving. Lecture 4 hours. May be taken concurrently with CHEM-311.

Prerequisite: CHEM-311 minimum grade of C.

CHEM-399. Undergraduate Research. 3 Hours.

Original laboratory research conducted with a faculty member. The course will usually require some library research, 10-12 hours per week laboratory work and the preparation of a formal, typed report. The course is useful for those students seeking recognition under the guidelines authorized by the American Chemical Society.

Prerequisites: CHEM-311 minimum grade of C and CHEM-330 minimum grade of C.

CHEM-401. Carbohydrates. 3 Hours.

Structure, stereochemistry and reactions of monosaccharides, disaccharides, oligosaccharides and polysaccharides. Lecture 3 hours. Graduate Standing.

Prerequisite: CHEM-312 minimum grade of C.

CHEM-402. Organometallic Chemistry. 3 Hours.

The metal-carbon bond including organometallic synthesis, structure, reaction mechanisms and thermodynamics. Main group metal-carbon compounds, transition metal-carbon compounds and such special topics as Grignard compounds, ferrocenes, carbonyl complexes and inorganic multiple bonding. Lecture 3 hours. Graduate Standing.

Prerequisites: CHEM-312 minimum grade of C and CHEM-316 minimum grade of C.

CHEM-403. Physical Methods Of Organic Chemistry. 3 Hours.

Various physical techniques of interest to the organic chemist are discussed including spectroscopic methods as proton and carbon-13 nuclear magnetic resonance, infrared and electronic spectroscopy and mass spectrometry, with emphasis on interpreting the combined data. The three credit hours include 2 hours of lecture and 1 hour of lab. Graduate standing.

Prerequisite: CHEM-312 minimum grade of C.

CHEM-404. Chemical Thermodynamics. 3 Hours.

Principles of thermodynamics and their application to chemical problems with particular emphasis on partial molal qualities, the chemical potential and the thermodynamics of chemical equilibria. Lecture 3 hours. Graduate Standing.

Prerequisite: CHEM-312 minimum grade of C.

CHEM-405. Quantum Chemistry. 3 Hours.

Application of quantum mechanism to chemistry. Topics include the Schrodinger equation and simple applications, the postulates and general principles of quantum mechanics, the harmonic oscillator, three-dimensional systems, atoms and molecules, and molecular spectroscopy. Lecture 3 hours. Graduate standing.

Prerequisite: CHEM-312 minimum grade of C.

CHEM-406. Coordination Chemistry. 3 Hours.

Scope of transition metal coordination complexes, coordination number and structure, ligand types, isomerization, complex stability, bonding, reaction mechanisms, magnetic moments. Lecture 3 hours. Graduate Standing.

Prerequisites: CHEM-312 minimum grade of C and CHEM-316 minimum grade of C.

CHEM-407. Symmetry In Chemistry. 3 Hours.

Introduction to those aspects of group theory and symmetry which are particularly relevant to chemistry including point groups, molecular vibrations, hybrid orbitals and crystal field theory. Lecture 3 hours.

Prerequisite: CHEM-312 minimum grade of C or PHYS-335 minimum grade of C.

CHEM-408. Independent Study In Chemistry. 3 Hours.

Research in a particular area of chemistry under faculty supervision.

CHEM-408A. Independent Study In Chemistry. 3 Hours.**CHEM-411. Organic Reaction Mechanisms. 3 Hours.**

Reaction pathways in organic chemistry including isotope effects, linear free energy relationships, stereochemistry, configurational analysis and pericyclic reactions. Lecture 3 hours. Graduate Standing.

Prerequisite: CHEM-312 minimum grade of C.

CHEM-412. Reaction Kinetics. 3 Hours.

Methods of studying reaction rates and mechanisms, derivation of mechanisms from rate laws. Theories of unimolecular and bimolecular reactions, and chain mechanisms and appropriate mathematical analysis. Lecture only. Lecture 3 hours. Graduate Standing.

Prerequisite: CHEM-312 minimum grade of C.

CHEM-413. Modern Inorganic Chemistry. 3 Hours.

In-depth survey of modern developments in inorganic chemistry, including noble gas chemistry, multiple bonding in coordination complexes, unusual oxidation states of elements, template reactions, inorganic polymers, and inorganic catalysis. Lecture 3 hours. Graduate Standing.

Prerequisite: CHEM-316 minimum grade of C.

CHEM-414. Advanced Analytical Chemistry. 3 Hours.

Electronic and computer-instrument interface, practical aspects of modern instrumental techniques based on various methods of optical spectroscopy and chromatography. Lecture 3 hours.

Prerequisite: CHEM-331 minimum grade of C.

CHEM-416. Nanoscience. 3 Hours.

This course introduces the students to the modern field of nanoscience and develops concepts and methodology for creation of new functional nanomaterials. Emphasis is put on the molecular self-assembly approach. The methods of film deposition, lithography, chemical synthesis and atom optics are covered as well. Scanning probe microscopy is introduced as a method of choice for studying and building nanoscale materials. Applications in the fields of electronic devices and nanomedicine are discussed.

Prerequisite: CHEM-312 minimum grade of C.

CHEM-430. Fourier Transform Spectroscopy. 3 Hours.

Prerequisites: CHEM-311 minimum grade of C and CHEM-312 minimum grade of C.

CHEM-431. Separation Methods. 3 Hours.

Review of thermodynamic and kinetic parameters as their impact on selectivity and efficiency of separation process, classification and application of modern chromatographic techniques. Lecture 3 hours.

Prerequisite: CHEM-331 minimum grade of C.

CHEM-450. Gas Chromatography. 3 Hours.

Principles and instrumentation, including classification and methods for selection of stationary phases, optimization of operational parameters, and various detection systems. Separation techniques prior to analysis, applications and hyphenated methods will be discussed. Lecture 3 hours. Graduate Standing and Consent of Instructor.

Prerequisite: CHEM-331 minimum grade of C.

CHEM-451. Liquid Chromatography. 3 Hours.

Review of thermodynamic and kinetic parameters as they impact on selectivity and efficiency of liquid chromatographic separations. Classification of mobile phases, including selection and ways to improve resolution. Principles of conventional liquid chromatographic techniques and their applications, including hyphenated methods. Lecture 3 hours. Consent of instructor. Graduate Standing and Consent of Instructor.

Prerequisites: CHEM-331 minimum grade of C and CHEM-450 minimum grade of C.

CHEM-455. Method Development And Validation In Liquid Chromatography. 3 Hours.

Systematic approaches to the successful development of HPLC-based analytical methods and their optimization. Practical tools based on the use of computer simulation in method development. HPLC-methods validation presented on the basis of the currently accepted United States Pharmacopeia terminology.

Prerequisite: CHEM-451 minimum grade of C.

CHEM-456. Advanced Chromatographic Methods. 3 Hours.

Principles, methods and applications of various advanced chromatographic techniques of interest to the analytical chemist, including such chromatographic methods as chiral separations, ligand exchange chromatography, capillary electrophoresis, micellar chromatography, micellar electrokinetic capillary chromatography, and supercritical fluid chromatography. Lecture 3 hours.

Prerequisite: CHEM-451 minimum grade of C.

CHEM-5901. Thesis Hours: Chemistry. 1 Hour.

Guidance of students conducting research and writing a thesis to fulfill the requirements for the Master of Science degree in Chemistry.

CHEM-5902. Thesis Hours: Chemistry. 2 Hours.

See course description for CHEM-5901.

CHEM-5903. Thesis Hours: Chemistry. 3 Hours.

See course description for CHEM-5901.

Major in Chemistry

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Chemistry for the Bachelor of Science Degree

Required Courses

CHEM-211	General Chemistry I ¹	5
CHEM-212	General Chemistry II ¹	4
CHEM-213	Writing Intensive Program: Quantitative Analysis	5
CHEM-231	Organic Chemistry I ²	4
CHEM-232	Organic Chemistry II ²	4
CHEM-311	Physical Chemistry I ³	4
CHEM-312	Physical Chemistry II ³	4
CHEM-330	Instrumental Analysis: Spectroscopy	4
or CHEM-331	Instrumental Analysis: Quantitative Methods	
CHEM-391	Chemistry Capstone Seminar	3
Select two elective from the following:		6-8
CHEM-316	Inorganic Chemistry	
CHEM-319	Chemical Aspects Of Environmental Chemistry	
CHEM-320	Industrial Aspects Of Environmental Chemistry	
CHEM-321	Environmental Chemistry In The City	
CHEM-330	Instrumental Analysis: Spectroscopy ⁴	

CHEM-331	Instrumental Analysis: Quantitative Methods ⁴	
CHEM-332	Identification Of Organic Compounds	
CHEM-347	Advanced Organic Chemistry: Polyfunctional Compounds	
CHEM-348	Advanced Organic Chemistry: Bio-Organic Compounds	
CHEM-349	Organic Synthesis	
CHEM-350	Principles Of Toxicology	
CHEM-353	Principles of Pharmacology	
CHEM-355	Principles Of Medicinal Chemistry	
CHEM-357	Chemical Kinetics	
Any other 300-level chemistry course approved by the department.		

Total Hours 43-45

¹ CHEM-211C and CHEM-212C are strongly recommended to be taken concurrently with CHEM-211 and CHEM-212, respectively.

² CHEM-231C and CHEM-232C are strongly recommended to be taken concurrently with CHEM-231 and CHEM-232, respectively.

³ CHEM-311C and CHEM-312C are strongly recommended to be taken concurrently with CHEM-311 and CHEM-312 respectively.

⁴ Major elective credit is given only if the course is not used to count towards the required courses in the major.

Required Courses in a Related Field

MATH-187	Calculus I	4
MATH-202	Calculus II	4
PHYS-203	Physics I Laboratory	1
PHYS-204	Physics II Laboratory	1
PHYS-206	University Physics I ¹	3
PHYS-207	University Physics II ¹	3
Total Hours		16

¹ PHYS-206 and PHYS-207 are strongly recommended for all chemistry majors and required for those in the A.C.S. approved program.

Students with foreign credentials are evaluated by the Office of Admissions as having 90 credit hours must take as a minimum the following six courses:

CHEM-213	Writing Intensive Program: Quantitative Analysis	5
CHEM-232	Organic Chemistry II	4
CHEM-311	Physical Chemistry I	4
CHEM-312	Physical Chemistry II	4
CHEM-330	Instrumental Analysis: Spectroscopy	4
or CHEM-331	Instrumental Analysis: Quantitative Methods	
CHEM-391	Chemistry Capstone Seminar	3

Additional courses may be required in chemistry, physics or mathematics. Students should see their advisor.

Total Hours 24

American Chemical Society approved program in Chemistry:

Graduating majors may receive a certificate stating that they have completed a program which meets the ACS standards for Professional Training if they fulfill the following requirements:

1. Take PHYS-206 as prerequisite for CHEM-311.
2. Take PHYS-207 as prerequisite for CHEM-312.
3. Take CHEM-311 and CHEM-312 during the junior year.

CHEM-316, CHEM-330, CHEM-331, CHEM-347 and CHEM-348 are required. CHEM-318 and CHEM-326 do not count as electives. Two additional 300-level electives must then be selected.

Completion of this program requires a minimum of 50 cr. in chemistry with a minimum grade point average of 3.0 and no chemistry grades below C in any required course.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
CHEM-211	General Chemistry I	5
MATH-187	Calculus I	4
General Education Course		3
General Education Course		3
Term Hours		15

Term 2		
CHEM-212	General Chemistry II	4
MATH-202	Calculus II	4
General Education Course		3
General Education Course		3
Term Hours		14

Second Year

Term 1		
CHEM-213	Writing Intensive Program: Quantitative Analysis	5
CHEM-231	Organic Chemistry I	4
PHYS-203	Physics I Laboratory	1
PHYS-201	College Physics I	3
PHYS-206	University Physics I	3
Term Hours		16

Term 2		
CHEM-232	Organic Chemistry II	4
PHYS-204	Physics II Laboratory	1
PHYS-202	College Physics II	3
PHYS-207	University Physics II	3
General Education Course		3
Term Hours		14

Third Year

Term 1		
CHEM-311	Physical Chemistry I	4
CHEM-331	Instrumental Analysis: Quantitative Methods	4
CHEM Elective		3
General Education Course		3
Term Hours		14

Term 2		
CHEM-312	Physical Chemistry II	4
CHEM-330	Instrumental Analysis: Spectroscopy	4
General Education Course		3
General Education Course		3
Term Hours		14

Fourth Year

Term 1		
CHEM-391	Chemistry Capstone Seminar	3
CHEM-305 or CHEM-399		3
300-Level CHEM Course		3
General Education Course		3
Term Hours		12

Term 2		
300-Level CHEM Course		3
300-Level CHEM Course		3
CHEM-305 or CHEM-399		3

4 *Major in Chemistry*

General Education Course		3
	Term Hours	12
	Total Hours:	111

Master of Science in Chemistry

This program provides graduate education for students planning careers in industry, business, teaching or planning additional graduate work or professional studies. Three options in the program are available, the Separation Science Emphasis, the General Program Emphasis, and the Chemical Education Emphasis. Students in the program can follow the Separation Science Emphasis in order to be prepared for careers in pharmaceutical, cosmetics and food industries as well as environmental laboratories. The General Program Emphasis prepares students to enter professional schools or to continue further graduate work in chemistry. The Chemical Education Emphasis serves in-service middle and high school teachers who attained a bachelor's degree in chemistry and hold a teaching certification/license to become highly qualified teachers trained in advanced chemistry and pedagogical content knowledge of teaching science in secondary schools. They will also be well prepared to conduct research in the area of Chemical Education or teach at 2-year colleges.

Requirements for Admission to the Program:

Students must fulfill the requirements for admission to the College of Graduate Studies and Research.

Full admission to the program requires at least a 3.0 (B) average in the following prerequisite undergraduate courses:

1. two semesters of general chemistry, two semesters of organic chemistry, two semesters of physical chemistry, and one semester of analytical chemistry (all of these must include laboratory);
2. two semesters (normally eight credit hours) of physics including laboratory; and
3. two semesters (normally eight credit hours) of calculus.

Conditional admission to the program may be granted when a student has a marginal undergraduate record or a deficiency in prerequisite undergraduate courses. All conditions must be fulfilled for candidacy (see below).

If the admission file/evaluation is not completed by the time of registration, the student may choose to register as a graduate student-at-large provided the appropriate application has been filed with the Office of Admission and Records in accordance with their established deadlines.

Requirements for the Degree:

- **Course Work:** (30 credit hours) A total of 30 credit hours must be earned. The majority of students take approximately ten formal courses. Options are available to earn credit hours for research, independent study, and thesis work as outlined below. For students admitted to Master's programs for the Fall 1997 semester and thereafter, graduate coursework is at the 400-level. However, two of the following courses may be taken as part of the master's program if they have not been previously taken as part of an undergraduate program. No other 300 level courses can apply. Consult with your program advisor or the Graduate College for details

CHEM-316	Inorganic Chemistry	4
CHEM-330 or CHEM-331	Instrumental Analysis: Spectroscopy Instrumental Analysis: Quantitative Methods	4
Total Hours		8

Core Courses

All students must take at least one course in each of the four areas of the Core Courses.

Analytical Chemistry		
CHEM-450	Gas Chromatography	3
Inorganic Chemistry		
CHEM-402	Organometallic Chemistry	3
CHEM-406	Coordination Chemistry	3
CHEM-413	Modern Inorganic Chemistry	3
Organic Chemistry		
CHEM-403	Physical Methods Of Organic Chemistry	3
CHEM-411	Organic Reaction Mechanisms	3
Physical Chemistry		
CHEM-404	Chemical Thermodynamics	3
CHEM-405	Quantum Chemistry	3
CHEM-412	Reaction Kinetics	3

Separation Science Emphasis

Required Coursework:

Students in the Separation Science Emphasis program must take 21 hours from the CORE and 9 hours of the following Required Coursework in the Separation Science:

CHEM-451	Liquid Chromatography	3
CHEM-455	Method Development And Validation In Liquid Chromatography	3
CHEM-456	Advanced Chromatographic Methods	3
Total Hours		9

Students writing a thesis take 12 hours from the CORE, the 9 hours of Required Coursework in the Separation Science Emphasis, and 9 hours of Independent Study (CHEM-408, 3 cr.) and Thesis hours: Chemistry, 1 - 3 cr. in the area of Separation Science. These Thesis credit hours are added over multiple semesters to make 6 credits total. Non-thesis students take 18 hours from the CORE, the 9 hours of Required Coursework in the Separation Science, and 3 hours of Independent Study in the area of Separation Science.

General Program Emphasis

Students in the General Program Emphasis must take 30 credit hours from the CORE and/or Separation Science Emphasis and are also encouraged to do research and/or thesis work. Students writing a thesis take 21 hours from the CORE and/or Separation Science Emphasis and 9 hours of the Independent Study (CHEM-408 3 cr.) and Thesis hours: Chemistry 1-3 cr. in the area of Chemistry. These Thesis credit hours are added over multiple semesters to make 6 credits total. Non-thesis students take 27 hours from the Core and/or Separation Science Emphasis and 3 hours of Independent Study in the area of Chemistry.

Chemical Education Emphasis

Required coursework:

Students in the Chemical Education Emphasis program must take 21 hours from the CORE and/or Separation Science Emphasis and 9 hours of Required Coursework in Education listed below or other 400 level courses from the College of Education approved by the Chemistry Department.

EDFN-410	Education As A Social Institution	3
LTCY-502	Literacy Instruction In Content Areas In Secondary Grades	3
LTCY-506	Writing Instruction In Middle & High School	3
EDFN-442	Media Technology For Educators ¹	3
Total Hours		12

¹ EDFN-442 Highly Recommended

Students writing a thesis take 12 hours from the CORE and/or Separation Science Emphasis, the 9 credit hours from the Required Coursework in Education and/or other 400 level courses from the College of Education approved by the Chemistry Department, and 9 hours of Independent Study (CHEM-408) and Thesis hours: Chemistry 1-3 cr. in the area of Chemical Education. These Thesis credit hours are added over multiple semesters to make 6 credits total. Non-thesis students must take 18 hours from the Core and/or Separation Science, the 9 hours of Required Coursework in Education and/or other 400 level courses from the College of Education approved by the Chemistry Department, and 3 hours of Independent Study in the area of Chemical Education.

- **Research and Thesis Work:** Students are encouraged to do laboratory or library research and/or more formally, write a thesis, and may do so under the following condition:
 - acceptance by a research or thesis advisor.
Academic credit for research and thesis work is normally earned through Independent Study (CHEM-408) and Thesis hours: Chemistry (CHEM-5901, 1 cr., CHEM-5902, 2 cr., and CHEM-5903, 3 cr.) Individual arrangements are made between the student and the research advisor.
- **Final Examination:** Students writing master's theses are required to make a public oral defense of their work. Non-thesis students must make a public oral presentation of their research work, or take a comprehensive written departmental examination. Consult the graduate advisor for details.
- **Students with Foreign Credentials:** Students with foreign credentials should check with the Graduate College regarding transcript evaluation and English language testing. Since this is often a lengthy process, it is advisable for the international student with residency status to begin taking graduate courses in chemistry as a student-at-large while waiting for official word on admission. Consult the graduate advisor.
- **Merit Tuition Scholarships and Assistantships:** The Chemistry program is regularly allotted Tuition Scholarships to defray the cost of tuition for graduate students. Check with the graduate advisor for eligibility requirements well in advance of registration.

Students wishing to pursue their master of science degree on a full-time basis may occasionally do so with modest support from the University in the form of an assistantship. To be eligible for an assistantship the student must have completed at least two terms at the University and have a grade point average of at least 3.25 (on a 4.0 scale).

Minor in Chemistry

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Chemistry (22 credit hours)

CHEM-211	General Chemistry I	5
CHEM-212	General Chemistry II	4
CHEM-213	Writing Intensive Program: Quantitative Analysis	5
CHEM-231	Organic Chemistry I	4
CHEM-232	Organic Chemistry II	4
Total Hours		22

Substitutions require written approval by the chemistry advisor.

Transfer students must take a minimum 9 credit hours in chemistry at Northeastern to complete a Chemistry Minor. These courses must be approved by the chemistry advisor.

Students in the Elementary Education and Early Childhood Education programs who have selected this minor must complete a minimum of 9 hours at the 300-level to meet graduation and certification requirements.

Child Advocacy Studies

- Minor in Child Advocacy Studies (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/child-advocacy-studies/minor-child-advocacy-studies>)

Core Faculty

Rachel Birmingham, Ph.D., Assistant Professor, Justice Studies, Coordinator of CAST

Susan Auman, M.S.W., Instructor, Social Work

Catherine Korda, M.S.W., Instructor, Justice Studies

Christopher Merchant, Ph.D., Associate Professor, Psychology

CAST-301. Introduction To Child Advocacy Studies. 3 Hours.

This course provides a survey of the emerging field of Child Advocacy Studies, which researches and seeks remedies for the maltreatment of children and youth, including specific acts of violence and neglect, in the context of the pernicious effects of racism, poverty, sexism, and heterosexism, including the unique problems faced by immigrant and displaced children. The course examines the various economic, political, social and cultural circumstances that may contribute to the abuse and maltreatment of children and youth. It also teaches students about the strategies and tactics used by various local governmental and nongovernmental agencies, courts and medical establishments to address these problems.

CAST-302. Psychosocial Advocacy For Developmental Maladjustment. 3 Hours.

This course is designed to provide the student with a survey of the various psychosocial, developmental, and public health difficulties that are faced by children and adolescents with specific focus on prevention and intervention strategies that are being employed by mental health and social service professionals at both community and societal levels. This course will also introduce the student to the ways that prevention/intervention strategies are developed, employed, and evaluated.

Prerequisite: CAST-301 minimum grade of C.

CAST-303. Child Advocacy Studies: Assessment And Evaluation. 3 Hours.

This is the third required course of the Child Advocacy Studies minor. It focuses on a combination of knowledge and skills necessary to providing direct service to children. The course begins with an examination of the mezzo- and macro-level systems and institutions that provide services for children and youth in the United States. The skills portion of the course supports students in gaining a beginning level of mastery in interviewing, assessment, and evaluation pertinent to serving children and youth who become identified as potential victims of abuse and neglect. The age-focus in this course includes early childhood, middle childhood, and adolescence.

Prerequisites: CAST-301 minimum grade of C and CAST-302 minimum grade of C.

CAST-304. CAST Internship Seminar. 3 Hours.

The focus of the CAST seminar course is to increase the student's sense of confidence in practicing as beginning level practitioners. This goal is achieved by building the student's awareness of her/his own strengths and limitations as a worker, along with the integration of knowledge, values and skills used in the generalist approach to practice with children, adolescents, and their families. Utilizing a collaborative supervision model, this experiential course supports students in achieving further mastery in the knowledge and skills obtained throughout the CAST coursework.

Prerequisites: CAST-301 minimum grade of C and CAST-302 minimum grade of C and CAST-303 minimum grade of C.

Minor in Child Advocacy Studies

Minor in Child Advocacy Studies (18 credit hours)

The Child Advocacy Studies minor provides students with knowledge and skills to deliver high quality services to infants, children, youth and their families. The program's goal is to prepare emerging practitioners to work effectively within various child-serving organizations and institutions. The program includes a focus on immigrant children and their families as well as children who are at risk or who have been impacted by violence and trauma. It also includes collaborative relationships with community-based providers that directly serve children and their families, and with advocates for equitable access to programs and services.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor Requirements

To earn a CAST minor students must complete six classes (18 cr.) as follows:

- Four required courses (12 cr.),
- Two electives (6 cr.) from different disciplines drawn from the list of approved electives below.

While completing the final required course, CAST-304 students work 80 hours in the field at a site that has been approved by the CAST advisor.

Core Courses Required for Minor:

CAST Required Courses

CAST-301	Introduction To Child Advocacy Studies	12
CAST-302	Psychosocial Advocacy For Developmental Maladjustment	
CAST-303	Child Advocacy Studies: Assessment And Evaluation	

CAST-304	CAST Internship Seminar	
Approved Electives ¹		6
JUST-318	Gangs In Chicago	
JUST-321	Violence Against Women	
JUST-326	Juvenile Justice System	
JUST-395	Hunger & Homelessness	
PSYC-215	Child Psychology	
PSYC-315	Advanced Child Psychology	
PSYC-318	Psychopathology Of Childhood	
PSYC-320	Adolescent Psychology	
SOC-105	Women, Men And Social Change	
SOC-329	Sociology Of Violence	
SOC-332	Sociology Of Education	
SOC-340	Sociology Of Sexualities	
SOC-358	Sociology Of Youth And Youth Culture	
SWK-301	Social Work And The Law	
SWK-307	Services To Children & Adolescents	
SWK-308	Social Work Practice With Immigrants & Refugees	
SWK-320	Domestic Violence Social Work:Theory And Practice	
Total Hours		18

¹ Approved Electives are chosen from the selected interdisciplinary list of courses shown above.

The program will accept one elective course (3 cr.) from another college or university toward the minor, subject to the approval of the advisor.

Communication, Media and Theatre

The Department of Communication, Media and Theatre offers courses leading to the degrees of Bachelor of Arts and Master of Arts. Communication, Media and Theatre are inextricably linked with their foundation in the study of communication in a variety of contexts. Students majoring in these areas will learn to become more proficient in the theory and practice of communication, media and theatre arts, while developing an appreciation of differing values and perceptions of the world in which they live.

- Major in Communication, Media and Theatre (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/communication-media-theatre/communication-media-theatre>)
- Minor in Communication, Media and Theatre (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/communication-media-theatre/minor-communication-media-theatre>)
- Minor in Communication (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/communication-media-theatre/minor-communication>)
- Minor in Media (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/communication-media-theatre/minor-media>)
- Minor in Journalism (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/communication-media-theatre/minor-journalism>)
- Minor in Theatre (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/communication-media-theatre/minor-theatre>)

Undergraduate Programs

The Department of Communication, Media and Theatre offers a major program of study in liberal arts, leading to a Bachelor of Arts degree. Students may elect to create an informal program track by selecting their elective courses in Communication, Media or Theatre, or by choosing to complete a minor in one of these areas.

A major may be declared by obtaining the appropriate form in the Department office, FA-240. At the time of declaring a major or minor in the Department of Communication, Media and Theatre, the student will be assigned an academic advisor from the Department faculty.

- Master of Arts in Communication, Media and Theatre (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/communication-media-theatre/master-arts-communication-media-theatre>)

Tony Adams, Ph.D., Associate Professor, Chair
 Wilfredo Alvarez, Ph.D., Assistant Professor
 Katrina E. Bell-Jordan, Ph.D., Professor
 Sarah Watkins, M.F.A., Assistant Professor
 Richard Helldobler, Ph.D., Professor
 Rodney Higginbotham, M.F.A., Professor
 Cyndi Moran, M.F.A., Professor
 Seung-Hwan Mun, Ph.D., Associate Professor
 Shayne Pepper, Ph.D., Assistant Professor
 Nanette Potee, Ph.D., Associate Professor
 Edie Rubinowitz, M.P.A., Associate Professor

CMTC-100. Introduction to Communication. 3 Hours.

The study of human communication with emphasis on how we communicate, the factors that influence the success of our communication interactions, and the areas in which communication take place.

CMTC-101. Public Speaking. 3 Hours.

The development of skills common to all forms of oral communication with emphasis on public speaking. Students will study organization, delivery, sources of materials and language usage.

CMTC-202. Voice and Diction. 3 Hours.

Emphasis on improving voice quality, volume, projection, rate, articulation, and pronunciation.

CMTC-206. Individual Events Laboratory. 1 Hour.

CMTC-210. Advanced Public Speaking. 3 Hours.

Concentrated study of public speaking and research for public speech, with attention to speech criticism and providing experience in various types of public speaking. Students will videotape selected talks for critique.

CMTC-211. Argument Theory and Practice. 3 Hours.

This course examines the structure of argument, reasoning, and evidence as practiced in small group, interpersonal, and public settings.

Prerequisite: CMTC-101 minimum grade of D or CMTC-215 minimum grade of D.

CMTC-213. Interpersonal Communication. 3 Hours.

This course studies how humans relate through the use of verbal and nonverbal symbols. Through participation and involvement, students explore how communication creates, maintains, and deteriorates relationships. Students also examine messages, meanings, feedback, nonverbal elements, listening, barriers and breakdowns as they affect relationships.

CMTC-214. Business and Professional Communication. 3 Hours.

This course focuses on the development of oral and written communication skills that are essential for professional life, including topics such as problem solving, listening, interviewing, and presentational skills.

CMTC-215. Small Group Communication. 3 Hours.

This course provides an in-depth study of small group communication processes. Students explore topics such as decision-making and problem solving, leadership, conflict, and diversity issues. Students are required to participate in group project.

CMTC-300. Mediated Communication. 3 Hours.

This is an investigation of the effects media and technologies have on social interaction and communication behaviors such as speaking, listening, understanding, and interpreting.

CMTC-301. Nonverbal Communication. 3 Hours.

This course explores the nature of non-verbal messages such as body language, facial expression, and artifacts in various communication contexts.

CMTC-305. Writing Intensive Program: Writing In Communication, Media & Theatre. 3 Hours.

This course is a writing intensive experience designed to introduce students to the functions and applications of various writing practices and theories in communication, media, and theatre. Students will gain an understanding of the foundations of these disciplines; recognize the broad categories of theoretical perspectives, such as humanistic, social scientific, and critical; and evaluate the contributions of various theories in interpersonal, rhetorical, organizational, media, dramatic, and intercultural contexts. This course includes formal (graded) and informal writing exercises of varying length and complexity, including but not limited to: free-writing, reading responses, and article critiques, as well as more advanced analysis and application papers.

Prerequisite: ENGL-101 minimum grade of C.

CMTC-306. Special Topics In Communication. 3 Hours.

This special topics course provides undergraduate students with the opportunity to study in depth a particular topic of communication. Topics will include, but are not limited to, the role and importance of communication in religion and science, politics, negotiation, intimacy and desire, and social difference.

CMTC-308. Independent Study in Communication. 3 Hours.

Individual investigation into a topic of the student's choice. Requires approval of instructor, chair and dean.

CMTC-310. Persuasion. 3 Hours.

This course examines contemporary theories and practices of persuasion through analysis and evaluation of persuasive messages in society from the used car lot to the presidential campaign.

CMTC-313. Communication, Gender & Identity. 3 Hours.

This course investigates some of the effects that gender and other identities have on communication behaviors, such as naming, language acquisition, professional orientation, conflict management, self-image, dress and social roles.

CMTC-314. Organizational Communication. 3 Hours.

This course examines organizational communication processes such as organizational culture, diversity, workplace participation and democracy. Students will assess (in)effective communication practices in organizations.

CMTC-315. Leadership Communication. 3 Hours.

This course examines the theory and practice of the social-emotional and task-related aspects of leadership processes. Students will explore standard works in classical leadership theory and contemporary frameworks related to motivation, emotional intelligence, and toxic leadership dynamics.

CMTC-316. Family Communication. 3 Hours.

This course studies the family system with a focus on the role communication plays in maintaining it. Students explore the functions of family roles, rules, and power and ways to increase or decrease communication effectiveness in this system.

CMTC-317. Intercultural Communication. 3 Hours.

This course explores issues in intercultural communication. Students will examine their own as well as other people's cultures. Major topics include race and ethnicity, immigration, social class, intercultural conflict, and social justice and how these reflect and/or affect verbal and nonverbal communication processes.

CMTC-318. Communication And Consulting. 3 Hours.

This course examines requirements, procedures, and communication competencies needed for communication consulting with businesses, governmental agencies, and professional associations.

Prerequisite: CMTC-214 minimum grade of C or COMM-214 minimum grade of C.

CMTC-319. Conflict Communication. 3 Hours.

This course examines the communication processes in interpersonal, organizational, and intercultural conflict, with attention to theories, research and practice related to conflict management.

CMTC-320. Classical Rhetoric. 3 Hours.

CMTC-322. Rhetorical Theory and Criticism. 3 Hours.

Rhetorical theories from the modern era with attention to principal figures and critical methods. Consent of instructor.

CMTC-324. Rhetoric of Protest and Reform. 3 Hours.

Study of the speakers who through public communication had an impact on the course of American history from the colonial period to the present, such as Jonathan Edwards, Patrick Henry, Wendell Phillips, Robert Ingersoll, Angelina Grimke, William Lloyd Garrison, Carry Nation, Eugene V. Debs, Harry Truman and Martin Luther King. Consent of instructor.

CMTC-328. Rhetoric - Selected Studies. 1 Hour.

In-depth study of particular rhetorical figure, tradition or period. Emphasis placed on the impact of rhetorical communication in a specific social, cultural or historical context. Consent of instructor.

CMTC-329. Health Communication. 3 Hours.

This course is designed to provide an introduction to communication processes in various health care contexts. The course will integrate interpersonal, small group, organizational, and mass communication theory and research into a survey of areas such as communication between patients and caregivers, the role of culture in health practices, images of health in the mass media, and new directions in health communication technologies.

CMTC-330. Communication Research Methods. 3 Hours.

An introduction to the principles and methods of social scientific research as they relate to the antecedents, processes and outcomes of communication behaviors. This course is intended to cultivate skills necessary for interpreting and critically evaluating research results and for designing research projects. Topics include forming research questions and hypotheses, reviewing and critiquing literature, applying quantitative and qualitative research techniques, coding and analyzing observations and writing research reports.

CMTC-383. Professional Internship 1. 3 Hours.

Professional activities in a selected field of communication, media or theatre, performed and supervised at public or private facilities, corporate communication sites, business agencies, theatres, etc. (Advanced standing, GPA of 4.0, recommendation from 2 faculty members, written consent of advisor and department chair; Application must be made to the internship department in advance.).

CMTC-384. Professional Internship 2. 6 Hours.

(See CMTC-383 for description.).

CMTC-385. Professional Internship 3. 9 Hours.

(See CMTC-383 for description.).

CMTC-386. Professional Experience Seminar. 3 Hours.

The course will provide students with an opportunity to work in a professional communication, media or theatre position while examining the experience with a faculty member and their peers. For many students, a professional placement is a new, unfamiliar experience with a set of demands that are distinct from the academic world. This course will allow students to earn credit for an internship in their desired field, while enhancing their professionalism through discussion and reflection. Consent of the instructor is required.

CMTC-400. Special Topics In Communication. 3 Hours.

This special topics course provides graduate students with the opportunity to study in depth a particular area (e.g., intercultural, group, gender, family, organizational, interpersonal), topic (e.g., identity and difference, intimacy and desire, corporate consulting, political rhetoric), or method (e.g., rhetorical criticism, auto/ethnography, content analysis) of communication. The focus will be on critically examining foundational and contemporary works that advance the theory, research, and practice about this area, topic, or method.

CMTC-401. Introduction to Graduate Study. 3 Hours.

Problems, methods and resources involved in graduate study and research in all areas of communication, media and theatre.

CMTC-402. Seminar In Research Methods. 3 Hours.

An introduction to the principles and methods of Communication, Media and Theatre research. This course is intended to cultivate skills necessary for interpreting and critically evaluating research results and for designing research critiquing literature, applying quantitative and qualitative research techniques, coding and analyzing observations, and writing research reports.

CMTC-404. Communication Theory. 3 Hours.

An analysis of communication theories, including the nature of theories, message design and reception. Course covers a broad range of theories in the communication discipline, including both humanistic and social scientific approaches. Nonetheless, particular theories analyzed each semester will vary, depending on the instructor.

CMTC-414. Seminar In Organizational Communication. 3 Hours.

This course will provide an advanced look at the major elements of organizational theory that apply to organizational communication. This field, in a modern sense, began in the 1950's and since then has grown to be one of the biggest forces in communication today. We will examine what theories direct the reality of organizations and how much of that reality is managed for the purposes of controlling individuals, whether overtly or symbolically.

CMTC-416. Seminar In Interpersonal Communication. 3 Hours.

This is a seminar exploring the basic themes, concepts and debates in research on personal relationships. Students will learn to critically analyze theory and research about relationships. The course requires a major paper on one particular facet of communication in personal relationships.

CMTC-418. Seminar-Research Problems in Group Communication. 3 Hours.

This seminar reviews major research topics, issues, and debates in academic scholarship in group communication. This course requires the completion of an original research study.

CMTC-430. Seminar In Communication Research Methods. 3 Hours.

An introduction to the principles and methods of Communication, Media and Theatre research. This course is intended to cultivate skills necessary for interpreting and critically evaluating research results and for designing research critiquing literature, applying quantitative and qualitative research techniques, coding and analyzing observations, and writing research reports.

CMTC-434. Independent Study In Communication. 3 Hours.

Individual investigation into selected topics in the theory and practice of communication. This course requires approval of the instructor, Department Chair and the appropriate College Dean(s).

CMTC-5901. Thesis Hours. 1 Hour.

Guidance of student work toward the completion of a thesis to fulfill the requirements for the Master of Arts degree in Communication, Media, and Theatre. Students may register for 1--#3 credits per term with a total of 6 credits required to complete the thesis project. This course requires approval of the instructor, Department Chair, and the appropriate College Dean(s).

Requirement: Approval of the graduate advisor.

CMTC-5902. Thesis Hours. 2 Hours.

See course description for CMTC-5901.

CMTC-5903. Thesis Hours. 3 Hours.

See course description for CMTC-5901.

CMTE-490. Instructional Communication. 3 Hours.

Selected topics in methods and materials related to speaking and listening; instructional problems relative to type of programs, trends in instruction, sources, resources and research. Individual projects will adapt resources and methodology to a particular type of school and classroom, such as the inner city.

CMTE-492. Teaching College Speech. 3 Hours.

This course examines the tasks of the communication teacher; philosophy, objectives, materials and methods of instruction, communication curricula and departmental operations; and professional relationships in the community.

CMTM-105. Introduction To Journalism. 3 Hours.

This survey course introduces students to the field of journalism, its basic concepts, processes and practices. It is intended as a guide to the workings of the journalism industry, including its various branches, the basis of news judgment, and the nature of journalism in the era of new media. Its hands-on approach is designed to provide a theoretical as well as "real world" understanding of the news and application of principles related to the production and dissemination of the news.

CMTM-109A. First Year Experience: Chicago On Video: One Pixel At A Time. 3 Hours.

In this course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery and Transitions) are interwoven with the field-specific concepts and terminology of video production. Students in this dynamic, hands-on class will turn the lens on other students engaged in hands-on learning...producing children's theatre, testing water samples, conducting fieldwork, examining issues of social justice... and get a taste of both documentary production and advanced undergraduate coursework at NEIU. Students will also get to explore uses of video at the community level - from high school students covering sports events, to local immigrants keeping their cultural ties alive.

CMTM-160. Introduction To Cinema. 3 Hours.

This course introduces students to the basic elements of cinema (editing, cinematography, sound, etc.) and explores how these elements contribute to our understanding of the themes and meanings of a particular film. After gaining a foundational understanding of these formal elements, students assess how topics such as genre, narrative, authorship, and ideology help to shape cinema.

CMTM-165. Broadcasting & New Media. 3 Hours.

Introduction to the business and creative processes, structure and function of American television and radio, emphasizing the production, distribution and reception of news and information programming.

CMTM-205. Fundamentals Of Media Writing. 3 Hours.

This course helps students solidify grammar and writing skills so they can enter the competitive field of media. It focuses on punctuation and spelling issues and introduces the "Bible" of print media, The Associated Press Stylebook. Fundamentals of Media Writing picks up where Introduction to Journalism, CMTM-105, leaves off by moving students from talking about and analyzing journalistic writing to learning the basic tools to begin practicing the profession. The course serves as a skill-building foundation and prerequisite for News Writing, CMTM-367.

CMTM-208. Media Laboratory. 1 Hour.

Participation in various phases of production and management for either on campus or off-campus radio, television, or film activities. Communication, Media and Theatre majors may repeat this course once for laboratory credit towards graduation requirements only.

CMTM-250. Introduction To Audio Production. 3 Hours.

This course introduces students to the process of audio production. The course also explores sound as an industry and an art form, as well as a tool of self-expression and of story telling. Through a series of production exercises, working individually and in groups, the student becomes familiar with the process of audio production from concept to field recordings, to scripting and editing, to producing and mixing and then to sharing the finished work with others.

CMTM-260. Introduction to Video Production. 3 Hours.

This class will introduce students to the principles and practices of digital video production, with an emphasis on single camera field production and digital, non-linear editing. Aesthetics and conventions of television programs, independent/ art videos, and documentaries will also be examined.

CMTM-265. Mass Media and Society. 3 Hours.

Development and problems of the media; the history, regulation, and social and economic implications of the media; American media systems and their relation to the media's cultural content and function.

CMTM-310. Independent Study in Mass Media. 3 Hours.

Individual investigation into a topic of the student's choice. Must have approval of instructor, chair and dean.

CMTM-3111. Fieldwork in Video Production. 1 Hour.

Academic credit (1-6 cr.) for guided video production fieldwork. Reserved for students who have been invited to participate in documentary, narrative, experimental, commercial or other relevant and typically off-campus field production opportunities. Student enrolls with media faculty who directs project and oversees student performance. Students will utilize research skills, apply principles learned in classroom, contribute meaningfully to a long-strand production, earn credit in a broadcast or higher-profile production, and explore career options. May be taken more than once, for a maximum of six credit hours.

Prerequisite: CMTM-260 minimum grade of C or MASS-260 minimum grade of C.

CMTM-3112. Fieldwork in Video Production. 2 Hours.

See CMTM-311 for course description.

Prerequisite: CMTM-260 minimum grade of C or MASS-260 minimum grade of C.

CMTM-3113. Fieldwork in Video Production. 3 Hours.

See CMTM-311 for course description.

Prerequisite: CMTM-260 minimum grade of C or MASS-260 minimum grade of C.

CMTM-3114. Fieldwork in Video Production. 4 Hours.

See CMTM-311 for course description.

Prerequisite: CMTM-260 minimum grade of C or MASS-260 minimum grade of C.

CMTM-3115. Fieldwork in Video Production. 5 Hours.

See CMTM-311 for course description.

Prerequisite: CMTM-260 minimum grade of C or MASS-260 minimum grade of C.

CMTM-3116. Fieldwork in Video Production. 6 Hours.

See CMTM-311 for course description.

Prerequisite: CMTM-260 minimum grade of C or MASS-260 minimum grade of C.

CMTM-360. Advanced Video Production. 3 Hours.

This hands-on class will expand students' understanding and application of the tools of video production. Student projects will primarily be individually produced, single camera video programs. We will screen many examples of video works, of a variety of genres and with an eye for the impact of the mode of transmission on the product. We will pay critical attention to audio for video, focus on the development of one's own "voice," and emphasize constructive criticism and revision.

Prerequisite: CMTM-260 minimum grade of C or MASS-260 minimum grade of C.

CMTM-361. Digital Video Editing. 4 Hours.

This hands-on class introduces students to the principles and practices of digital, non-linear video editing, including the aesthetics and conventions of film and video cutting, history and theories of editing, and technical aspects of editing. Students will use sample footage to edit, present and critique several projects, and they will edit a final piece using footage of their own choosing.

Prerequisite: CMTM-260 minimum grade of C or MASS-260 minimum grade of C.

CMTM-362. Video Production Workshop. 3 Hours.

In this intensive, hands-on class students will produce short non-fiction video modules, linked to a specific theme each term. Students will work in small production teams, and will write, direct, shoot and edit their segments, rotating responsibilities. Students will screen, critique and revise modules, create finished shows, and organize and promote screenings.

Prerequisite: CMTM-260 minimum grade of C or MASS-260 minimum grade of C.

CMTM-363. Documentary Film. 3 Hours.**CMTM-364. Writing For Media - Revolving Topics. 3 Hours.**

This revolving topics course provides exposure to a variety of writing topics and writing formats that will give students studying media the opportunity to develop in-depth written works in a workshop environment, with an emphasis on constructive criticism and revision. Consult the Schedule of Classes for specific topics.

CMTM-364A. Writing For Media: Writing The Sitcom. 3 Hours.

This revolving topics course provides exposure to a variety of writing topics and writing formats that will give students studying media the opportunity to develop in-depth written works in a workshop environment, with an emphasis on constructive criticism and revision.

CMTM-365. Contemporary Issues in Mass Media. 3 Hours.

Advanced study of the socio-psychological impact of the media upon contemporary society.

Prerequisite: CMTM-265 minimum grade of C or MASS-265 minimum grade of C.

CMTM-366. Multimedia Storytelling. 3 Hours.

This course will involve writing for various media platforms with practice in the multimedia creation of original works; experience in writing forms and content typical of various media and criteria for evaluating written work; discussion of career opportunities.

Prerequisite: CMTM-260 minimum grade of C or CMTM-250 minimum grade of C.

CMTM-367. News Writing. 3 Hours.

This course will take students through the basics of news writing and reporting. The course will demand in-class writing assignments that will help students prioritize information and write with accuracy under deadline. Students will discuss and be tested on current affairs and evaluate a variety of new sources. Students will cover local events and generate story ideas.

Prerequisite: CMTM-205 minimum grade of D.

CMTM-368. Community Media. 3 Hours.

The course will familiarize students with the important journalistic function uniquely served by community-based media, a function increasingly important in today's media landscape of centrally produced content controlled by fewer and fewer owners focused primarily on the economic needs of those owners and the advertisers. The course will introduce students to different forms of community media - print, video, audio, and new technologies - and how these contribute to the building of community.

CMTM-370. Public Relations. 3 Hours.

Examination of the history, development and practice of the public relations field, with attention to the planning, implementation and execution of public relations campaigns and the survey techniques and strategies used by public relations practitioners.

CMTM-371. American Cinema (Origins-1950). 3 Hours.

An investigation of the evolution of American narrative film history from its beginning to the end of World War II. This course introduces students to the creative and technological developments in a given time period and exposes them to a variety of ways of analyzing American films are investigated according to their historical, technological, aesthetic and ideological significance as well as their genre placement.

CMTM-372. American Cinema (1950-Present). 3 Hours.

An investigation of the evolution of American narrative film history from the end of World War II until the present. This course introduces students to the creative and technological development in a given time period and exposes them to a variety of ways of analyzing American films. Films are investigated according to their historical, technological, aesthetic and ideological significance, as well as their genre placement.

CMTM-373. World Cinema. 3 Hours.

An examination of the major influential film movements and filmmakers from around the world and their impact on the language of cinema. This course is intended to develop an understanding of the evolution of narrative film history by analyzing films according to their historical, technological, aesthetic and ideological significance.

CMTM-374. Special Topics In Film. 3 Hours.

This revolving topics course provides exposure to a variety of topics that will give students studying film the opportunity to engage in broader as well as more in-depth investigations of the history, concepts and theoretical approaches to film studies and the body of scholarship in this field. Consult the Schedule of Classes for specific topics.

CMTM-374A. Studies In Film: American Horror Film. 3 Hours.

As one of the revolving topics in the Studies in Film course, this class will introduce the history, evolution, and important themes of the American horror film, serving as an overview of the genre and locating it in American historical, cultural, and literary contexts. Approaches will include close readings of films as well as psychoanalytic, ideological, and feminist analyses. A number of films and clips will be screened and discussed in the context of course readings.

Prerequisite: CMTM-160 minimum grade of C.

CMTM-375. Contemporary Hispanic Cinema. 3 Hours.

An introduction to some of the major contemporary films and filmmakers from Spain and Latin American countries. The course will not only analyze the artistic merits of the films, but also examine the social, economic, historical and political context within which they were created and how their themes are related to national identity, as well as international concerns.

CMTM-376. Television History. 3 Hours.

An overview of the cultural history of television from its origins in radio to cable and satellite communication, primarily in the U.S., but with some comparison to international contexts. Television programs are the primary focus and will be used to explore topics such as technology, regulation, audience measurement, commercial and educational/public broadcasting, advertising and programming strategies.

CMTM-377. Gender And Media. 3 Hours.

This course examines representations of gender and sexuality in popular media. Students will begin with feminist theories of representation and follow theoretical developments that include issues of race, ethnicity, masculinity, and queer theory as they relate to film, television, and new media.

CMTM-378. New Media Technologies. 3 Hours.

This course explores emerging media technologies, including descriptions of the technologies, how their implementation affects existing media institutions, and social implications of the technologies. Emphasis is on historical perspectives on emerging media technologies in the global information society including digital audio-visual media, computers and consumer electronics, and various networking technologies. The course provides students with an understanding of the background, structure, functions, and current status for each technology. Emerging convergent media revolutionizing the global knowledge system will also be covered, including deregulatory policies, corporate mergers, and industrial restructuring.

CMTM-379. Media Law & Ethics. 3 Hours.

This course introduces students to the study of legal and ethical issues affecting U.S. mass media from journalistic and business perspectives. Specifically, the course will explore the legal and ethical responsibilities and rights of communicators and media professionals across various issues, including the First Amendment, defamation, privacy, newsgathering, regulation over media content, intellectual property rights, and regulation of electronic media and advertising industry. It will also help students think through media issues from a moral reasoning perspective by taking a variety of cases through an ethical framework.

CMTM-380A. Topics In Television: Television Genres. 3 Hours.

Television Genres will cover a variety of scholarly approaches to the study of television programs. Genres can be studied for how they change over time, in response to cultural changes or economic exigencies. This course will take up theoretical questions of televisuality (the aesthetic conditions of the television text), and then focus on a number of particular genres. We will be primarily focusing on U.S. television, but there will be some attention to global questions, especially those of flow and format.

CMTM-383. Professional Internship 1. 3 Hours.

Professional activities in a selected field of media, performed and supervised at public or private facilities, corporations, business agencies, etc.

CMTM-384. Professional Internship 2. 6 Hours.

(See CMTM-383 for description).

CMTM-385. Professional Internship 3. 9 Hours.

(See CMTM-383 for description).

CMTM-390. NEIU Cinémathèque. 1 Hour.

A "cinémathèque" is a small, specialized theater where important films are screened, discussed, archived, preserved, and loved. Drawing upon the tradition of cinémathèques across the world, this course will provide an opportunity for students to screen, discuss, and research important works of cinema here at Northeastern Illinois University. With oncampus resources such as 35mm prints screened by the Northwest Chicago Film Society and our extensive holdings of the Criterion Collection in the Ronald Williams Library, students will learn about the material practices surrounding film such as archival collection, preservation, and restoration as well as distribution, exhibition, criticism, and reception. Junior or Senior-level standing only.

CMTM-410. Independent Study In Media. 3 Hours.

Individual investigation into selected topics in theory and practice of media. Independent studies require the approval of the instructor, Department Chair and appropriate College Dean (s).

CMTM-465. Mass Communication Theory. 3 Hours.

This course is designed to investigate the concepts, ideologies, and resulting scholarship that are relevant to the study of mass communication. Students will study a variety of mass communication theories and will critically evaluate the merits of these perspectives. Students will develop research projects to further interpret and utilize mass communication theories.

CMTM-466. Media And Cultural Studies. 3 Hours.

This graduate seminar is designed to expose students to a "cultural studies" approach to media. Cultural studies scholars are primarily concerned with issues of power, and this approach has long informed the discipline of critical media studies. The focus on media will explore structures of power and inequality as they relate to the politics of identity and experience. Drawing upon foundational readings in the field as well as current media and cultural studies scholarship, students will spend the semester exploring the way in which these structures of power materialize in media texts and industrial formations.

CMTM-467. Special Topics In Film & Television. 3 Hours.

This special topics course provides graduate students an opportunity to explore historical and theoretical approaches specific to studies of film and television. Special topics may include film history and theory, television history, national cinemas, genres, industrial technologies and trends, and issues of representation such as race, class, and gender. Required: Graduate standing.

CMTM-468. Seminar In New Media. 3 Hours.

This course will explore critical approaches to "new media" by considering the dual meaning of the term. On one hand it describes the sense of "newness" often accompanying emerging media technologies throughout history, but it also describes the important contemporary shift from analog to digital media. Students will examine the history of several media technologies at critical moments of development, change, or rupture as well as analyze issues relevant to digital media such as file sharing, social networking, identity theft, surveillance, and cyberwarfare.

CMTT-109. First Year Experience: Staging Chicago: Performances In, For, & About Chicago. 3 Hours.

In Staging Chicago students will read, watch, write, and perform plays about Chicago. Special attention will be paid to plays that premiered in Chicago and were produced by Chicago artists. In addition to reading plays, students will have an opportunity to stage scenes and present their own theatrical interpretation of the Second City.

CMTT-109C. First Year Experience: Theatre in Chicago: The Audubon/Northeastern/Redmoon Theater Partnership. 3 Hours.

The focus of this general education introduction to theatre class will be its partnership with Chicago's Redmoon Theater. Redmoon is an acclaimed community-based theatre which brings theatre to underserved Chicago communities. To facilitate this partnership, Northeastern students will meet one day a week for class at Audubon Elementary School, which has been adopted by Redmoon Theater. Northeastern students will have opportunities to work with Redmoon Theater artists in Audubon classrooms and participate in Redmoon initiatives and internships.

CMTT-130. Introduction to Theatre. 3 Hours.

Survey of the components of theatrical experience and the function of the various contributors to theatrical production. Attendance at selected theatrical productions is required.

CMTT-139. Theatre Practicum 1. 1 Hour.

Practical, hands-on experience in all technical areas of theatre for main stage productions. Communication, Media and Theatre majors may repeat this course once for laboratory credit towards graduation requirements.

CMTT-203. Voice for the Stage. 3 Hours.

This course gives each student a method to improve his or her ability to articulate, project, develop resonance and meet the demands for the stage including dialects and Shakespearian speech.

CMTT-207. Interpreters' Laboratory. 1 Hour.

Participation in oral interpretation activities at local, regional, or national levels. Communication, Media and Theatre majors may repeat this course once for laboratory credit towards graduation requirements.

Prerequisite: CMTT-255 minimum grade of C.

CMTT-220. Improvisation. 3 Hours.

Emphasis on mastering improvisational theatre games for both actor training and performance.

CMTT-221. Acting 1. 3 Hours.

The basic skills of acting including the actor's internal preparation for playing a role and the development of his/her external technique for projecting the role to the audience.

CMTT-239. Theatre Practicum. 3 Hours.

Practical, hands-on experience in all technical areas of theatre for main stage productions.

CMTT-240. Stagecraft. 3 Hours.

An introduction to all aspects of backstage technical production.

CMTT-249. Makeup. 3 Hours.

Fundamentals of stage and television makeup for straight and character roles; emphasis on the application of makeup, historical periods and uses of masks.

CMTT-255. Performance of Literature. 3 Hours.

Development of intellectual and emotional responsiveness to prose, poetry and drama, and the ability to communicate effectively in performance.

CMTT-309. Independent Study in Theatre. 3 Hours.

Individual investigation into a topic of the student's choice. Approval of instructor, department chair and dean.

CMTT-309A. Independent Study in Theatre. 3 Hours.

CMTT-321. Acting 2. 4 Hours.

Refinement of skills developed in Acting 1 with emphasis on the use of improvisation to develop and project characters from standard plays.

Prerequisite: CMTT-221 minimum grade of C.

CMTT-331. History of Theatre 1. 3 Hours.

Chronological survey of the development of theatre and drama of the Western World from the early Greek festivals to the early Renaissance period.

CMTT-332. History of Theatre 2. 3 Hours.

Chronological survey of the development of theatre and drama of the Western World from the Renaissance period to the twentieth century.

CMTT-333. Contemporary Theatre. 3 Hours.

This course provides a survey of theatre and drama from the twentieth century to the present.

CMTT-334. Special Topics In Theatre. 3 Hours.

In-depth study of the major works of a single dramatist or movement, the relationship of those works to the period in which they were produced, and their place in the history of dramatic literature. Consult the Schedule of Classes for specific topics.

CMTT-335. American Social Problem Plays. 3 Hours.

In-depth study of American plays in the 20th century that reflect the political and social changes in the society. Plays will be analyzed in relation to the literary text, the theatrical texts in their historical and social context, and social issues through literature.

CMTT-336. Realism and Naturalism. 3 Hours.

A survey of naturalism and realism in drama and theatre from the late 19th century to the present, covering major plays, playwrights and theatre practitioners.

CMTT-337. Women Playwrights. 3 Hours.

Chronological study and analysis of literary texts in historical and social contexts that are written by women, that deal with social issues about women, and are about women's rights.

CMTT-338. Melodrama. 3 Hours.

An exploration of melodrama as the dramatic form that dominated the nineteenth century stage in the United States. The course focuses on identifying the characteristics of melodrama and contemporaneous theatre practice, reading representative plays, and exploring the social and political issues of the day reflected in the plays.

CMTT-339. Advanced Theatre Practicum. 3 Hours.

Special assignment to specific positions such as stage management, direction, and dramaturge, among others.

CMTT-340. Set Design. 3 Hours.

Comprehensive study of the principles of scene design theory and practice.

Prerequisite: CMTT-130 minimum grade of C.

CMTT-341. Lighting Design. 3 Hours.

Comprehensive study of the principles of lighting design theory and practical application.

Prerequisite: CMTT-130 minimum grade of C or PERF-130 minimum grade of C.

CMTT-342. Costume Design. 3 Hours.

In-depth study of the basic design skills, identification of textiles, as well as analysis of dramatic texts for costuming and coordinating designs with a theatre production team.

Prerequisite: CMTT-130 minimum grade of C.

CMTT-343. Stage Management. 3 Hours.

In-depth study of the job of the Stage Manager, including production planning, prompt book design, scheduling and managing rehearsal time, and actually stage managing and calling a show.

CMTT-345. Directing. 3 Hours.

Principles and techniques of the director's art.

Prerequisite: CMTT-130 minimum grade of C.

CMTT-346. American Musical Theatre. 3 Hours.

Survey of the development of the American musical theatre with consideration of the problems inherent in the production of musicals.

CMTT-347. Playwriting. 3 Hours.

Study of dramatic art with practice in the writing of plays for dramatic production. An attempt will be made to provide laboratory productions of outstanding student works.

CMTT-348. Advanced Stagecraft. 3 Hours.

Advanced methods in backstage technical production.

Prerequisite: CMTT-240 minimum grade of C.

CMTT-349. Summer Theatre. 3 Hours.

A laboratory class covering all phases of theatre production in conjunction with the production of a play script. Includes acting, directing, set and costume design, choreography, lighting, props publicity and theatre management as related to the production of a play script.

CMTT-350. Children's Theatre Workshop:Elementary. 3 Hours.

Survey of theatre for children from creative dramatics to theatre in the elementary schools. All significant facets of play production are covered in performance of an actual script.

CMTT-351. Children's Theatre Workshop:Middle and High School. 3 Hours.

Survey of theatre for children, from creative dramatics to theatre in the secondary schools. All significant facets of play production are covered in performance of an actual script.

CMTT-352. Interpretation of Poetry. 3 Hours.

Literary analysis and oral performance of lyric, narrative, dramatic, poetry and other presentational forms.

Prerequisite: CMTT-255 minimum grade of C or PERF-255 minimum grade of C.

CMTT-353. Interpretation of Prose. 3 Hours.

Literary analysis and oral performance of both fiction and non-fiction, including novels, short stories, essays letters, diaries, travel literature and biographies.

Prerequisite: CMTT-255 minimum grade of C or PERF-255 minimum grade of C.

CMTT-354. Interpretation of Drama. 3 Hours.

Literary analysis and performance of plays, emphasizing the solo reader performing a variety of roles.

Prerequisite: CMTT-255 minimum grade of C or PERF-255 minimum grade of C.

CMTT-355. Advanced Performance Of Literature. 3 Hours.

Literary analysis of poetry and prose; presentation of individual and multiple performers.

Prerequisite: CMTT-255 minimum grade of C or PERF-255 minimum grade of C.

CMTT-357. Interpretation of Shakespeare. 3 Hours.

Selected comedies, tragedies and histories, tracing the development of the dramatist; emphasis on special performance techniques to illuminate a thorough study of the plays.

Prerequisite: CMTT-255 minimum grade of C or PERF-255 minimum grade of C.

CMTT-358. Acting 3. 4 Hours.

Advanced methods in acting including analyzing language and approaching language problems in theatre production. Scene work is taken from classic dramas.

Prerequisite: CMTT-321 minimum grade of C.

CMTT-359. Experimental Theatre. 3 Hours.

In this course, students will study and perform experimental modes of theatre. Methods may include collaborative devising, verbatim theatre, playback theatre, physical theatre, relational performance, solo storytelling, game theatre, and live art techniques.

CMTT-383. Professional Internship 1. 3 Hours.

Professional activities in a selected field of theatre, performed and supervised at public or private facilities, theatres, organizations, schools, etc.

CMTT-384. Professional Internship 2. 6 Hours.

(See CMTT-383 for description.).

CMTT-385. Professional Internship 3. 9 Hours.

(See CMTT-383 for description.).

CMTT-392. Integrating The Arts Across Disciplines: Art As A Tool For Teaching & Training. 3 Hours.

This course instructs aspiring leaders in the fields of education, business, science, and the arts in utilizing the skills of collaboration, innovation, and project management employed across the disciplines as tools for teaching, training, creativity, and innovation. This experiential course delivers the fundamental concepts and pedagogy of creative leadership through field experience, guest interviews, and documentation projects.

CMTT-393. Drama For Teaching And Learning. 3 Hours.

CMTT-393 is a practical, process-oriented course designed to introduce students to techniques for using drama as a teaching tool. From 20th century techniques for using drama as a teaching tool in elementary and middle schools, to contemporary approaches to drama as a means of community engagement and social intervention with youth and adults, students will explore multiple methods for applying drama and theatre in a variety of pedagogical settings. Course assignments are hands-on and emphasize various techniques in a space conducive to developing increased proficiency, both individually and in groups.

CMTT-423. Independent Study in Theatre. 3 Hours.

Individual investigation into selected topics in methods and materials for dramatic activities. Permission of instructor, chair, dean graduate director.

CMTT-430. Dramatic Theory. 3 Hours.

This course offers an analysis of major theories of dramatic writing and dramatic production from Aristotle to contemporary theorists, and explores how these theories influence theatre and drama.

CMTT-431. Comparative Performing Arts. 3 Hours.

This course compares various examples and methodologies of adaptation in performing arts such as ballet, opera, drama, film, and television. Students are required to attend performances.

CMTT-446. Theatre Management. 3 Hours.

Managerial policies and practices in educational and community theatres with emphasis upon common problems and solutions.

CMTT-473. Special Topics In Theatre. 3 Hours.

This revolving topics course allows graduate students the opportunity to study in-depth, specific theatre methods, movements and motivators. Consult the Schedule of Classes for specific topics.

Major in Communication, Media and Theatre

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Communication, Media and Theatre for the Bachelor of Arts Degree (39 credit hours)

Required Courses

CMTC-101	Public Speaking	3
CMTC-305	Writing Intensive Program: Writing In Communication, Media & Theatre	3
One CMT-C (Communication) 200-level course		3
One CMT-M (Media) 200-level course		3
One CMT-T (Theatre) 200-level course		3
One Theatre Practicum course		3
CMTT-239	Theatre Practicum	
CMTT-339	Advanced Theatre Practicum	
Electives in Communication, Media and Theatre		
Including at least 18 credit hours at the 300 level		21
Total Hours		39

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
General Education Course		3
General Education Course		3
General Education Course		3
CMT Elective		3
Elective/Minor		3

Term Hours 15

Term 2		
CMTC-101	Public Speaking	3
General Education Course		3
General Education Course		3
General Education Course		3
Elective/Minor		3

Term Hours 15

Second Year

Term 1		
CMTC-202	Voice and Diction	3
CMTT-130, CMTT-221, or CMTT-240		3
General Education		3
General Education		3
General Education		3

Term Hours 15

Term 2		
CMTM-205, CMTM-260, or CMTM-265		3
General Education Course		3
General Education Course		3
Elective/Minor		3
General Education Course		3

Term Hours 15

Third Year

Term 1		
CMTC-305	Writing Intensive Program: Writing In Communication, Media Theatre	3
CMT Elective		3
300-Level CMT Elective		3
300-Level Elective		3
Elective/Minor		3

Term Hours 15

Term 2		
CMTC-213, CMTC-214 or CMTC-215		3
300-Level CMT Elective		3
Elective/Minor		3
Elective/Minor		3
300-Level Elective		3

Term Hours 15

Fourth Year

Term 1		
CMT-Level Elective		3
300-Level Elective		3
Elective/Minor		3
Elective/Minor		3
Elective/Minor		3

Term Hours 15

Term 2		
300-Level CMT Elective		3
300-Level Elective		3
Elective/Minor		3
Elective/Minor		3

Elective		1
	Term Hours	13
	Total Hours:	118

Master of Arts in Communication, Media and Theatre

Master of Arts in Communication, Media and Theatre (30 credit hours)

This graduate program is designed to provide advanced study of communication research and the principles and practices of communication, media and theatre, for teachers of communication at the secondary level, elementary school teachers, candidates for teaching positions in higher education, students interested in positions in business and industry, and as a preparation for further graduate study. All newly admitted students begin coursework in the fall semester.

Minimum Requirements for Admission to the Program

Students must fulfill the requirements for admission to the College of Graduate Studies and Research before admission into the CMT graduate program can be considered. Applicants are required to have completed 15 undergraduate credit hours (a minimum of 9 credit hours at the advanced [300 or above] undergraduate level) in Communication, Media or Theatre at an accredited institution of higher education with a B average. Applicants will also be asked to submit a writing sample. Students must satisfy these requirements prior to being admitted into the program. All final admission decisions rest with the CMT faculty.

Students at large will only be authorized to enroll in graduate-level courses with approval of the graduate advisor and the course instructor.

Requirements for the Degree:

30 credit hours are required in consultation with the graduate advisor. A maximum of six hours in cognate areas may be included in the program with the approval of the graduate faculty committee of the Department of Communication, Media and Theatre.

Required Courses: (30 credit hours)

Core courses

CMTC-401	Introduction to Graduate Study	3
CMTC-402	Seminar In Research Methods	3
CMTC-404	Communication Theory	3
CMTT-430	Dramatic Theory	3
CMTM-465	Mass Communication Theory	3
Electives selected from 400-level courses in Communication, Media and Theatre		15

Total Hours		30
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In addition to coursework, students must (a) take comprehensive exams, or (b) apply to write a thesis, in order to graduate. Theses must have the approval of the appropriate graduate committee. Students should enroll in CMTC-5901, CMTC-5902 or CMTC-5903. The course counts towards the requirement of 400-level electives. Students may enroll one time only.

Students who complete a thesis must pass an oral examination on topics included in the thesis.

Further information will be provided upon acceptance into the program. Please contact the CMT Graduate Advisor for current information about CMT Graduate Course offerings.

Minor in Communication

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Communication (15 credit hours)

Required Courses

Select one of the following:	3
CMTC-213 Interpersonal Communication	
CMTC-214 Business and Professional Communication	
CMTC-215 Small Group Communication	
Select one of the following:	3
CMTC-313 Communication, Gender & Identity	
CMTC-314 Organizational Communication	
CMTC-315 Leadership Communication ¹	
Electives:	
Two (CMTC) 300-level courses	6
One (CMTC) any level course	3
Total Hours	15

¹ CMTC-215 prerequisite

Minor in Communication, Media and Theatre

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Communication, Media and Theatre (21 credit hours)

Required Courses

CMTC-101 or CMTC-202	Public Speaking Voice and Diction	3
Select one of the following Communication courses:		3
CMTC-213	Interpersonal Communication	
CMTC-214	Business and Professional Communication	
CMTC-215	Small Group Communication	
Select one of the following Media courses:		3
CMTM-205	Fundamentals Of Media Writing	
CMTM-260	Introduction to Video Production	
CMTM-265	Mass Media and Society	
Select one of the following Theatre courses:		3
CMTT-130	Introduction to Theatre	
CMTT-221	Acting 1	
CMTT-240	Stagecraft	

Electives:

Three 300-level electives in CMT	9
Total Hours	21

Minor in Journalism

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Journalism (18 credit hours)

Required Courses

CMTM-105	Introduction To Journalism	3
CMTM-205	Fundamentals Of Media Writing	3
CMTM-367	News Writing ¹	3
Select one of the following Production courses:		3
CMTM-250	Introduction To Audio Production	
CMTM-260	Introduction to Video Production	
CMTM-361	Digital Video Editing ²	
Select one of the following Media Literacy/Ethics courses:		3
CMTM-265	Mass Media and Society	
CMTM-378	New Media Technologies	
CMTM-365	Contemporary Issues in Mass Media ³	
CMTM-379	Media Law & Ethics	
Select one of the following Applied Skills courses:		3
CMTM-368	Community Media	
CMTM-366	Multimedia Storytelling ⁴	

CMTM-383

Professional Internship 1⁵

Total Hours

18

- 1 CMTM-205 prerequisite
- 2 CMTM-260 prerequisite
- 3 CMTM-265 prerequisite
- 4 CMTM-250 or CMTM-260 prerequisite
- 5 Application process required

Minor in Media

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Media (15 credit hours)

Required Courses

Select one of the following Production/Writing courses:	3
CMTM-205 Fundamentals Of Media Writing	
CMTM-260 Introduction to Video Production	
CMTM-360 Advanced Video Production ¹	
CMTM-361 Digital Video Editing	
CMTM-362 Video Production Workshop ¹	
CMTM-364 Writing For Media - Revolving Topics	
CMTM-366 Multimedia Storytelling ²	
CMTM-367 News Writing ³	
Select one of the following Content/Theory courses:	3
CMTM-265 Mass Media and Society	
CMTM-363 Documentary Film	
CMTM-365 Contemporary Issues in Mass Media	
CMTM-370 Public Relations	
CMTM-371 American Cinema (Origins-1950)	
CMTM-372 American Cinema (1950-Present)	

2 *Minor in Media*

CMTM-373	World Cinema	
CMTM-376	Television History	
CMTM-377	Gender And Media	
One any-level CMTM elective		3
Two 300-level CMTM electives		6
Total Hours		15

- 1 CMTM-260 prerequisite
- 2 CMTM-250 or CMTM-260 prerequisite
- 3 CMTM-205 prerequisite

Minor in Theatre

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Theatre (18 credit hours)

Required Courses

Select two of the following Performance courses:	6
CMTT-321 Acting 2 ¹	
or CMTT-221 Acting 1	
CMTT-345 Directing	
CMTT-347 Playwriting	
CMTT-350 Children's Theatre Workshop:Elementary	
or CMTT-351 Children's Theatre Workshop:Middle and High School	
CMTT-359 Experimental Theatre	
CMTT-393 Drama For Teaching And Learning	
Select one of the following Design/Technical Theatre courses:	3
CMTT-240 Stagecraft	
CMTT-249 Makeup	
CMTT-340 Set Design	
CMTT-341 Lighting Design ²	
CMTT-342 Costume Design ²	
CMTT-343 Stage Management ²	

Select one of the following Literature/History courses:	3
CMTT-331 History of Theatre 1	
CMTT-332 History of Theatre 2	
CMTT-333 Contemporary Theatre	
Select one of the following Dramatic Literature courses:	3
CMTT-334 Special Topics In Theatre	
CMTT-335 American Social Problem Plays	
CMTT-336 Realism and Naturalism	
CMTT-337 Women Playwrights	
CMTT-338 Melodrama	
CMTT-346 American Musical Theatre	
Elective:	
One (CMTT) any level course	3
<hr/> Total Hours	<hr/> 18

¹ CMTT-221 or equivalent prerequisite

² CMTT-130 prerequisite

Students interested in a CMT major or minor should consult with the Department chairperson.

Computer Science

The goal of the Department of Computer Science (<http://www.neiu.edu/academics/college-of-arts-and-sciences/departments/computer-science>) is to provide individuals with a broad-based theoretical and practical understanding of Computer Science. Students who complete the program are prepared to pursue graduate study or to assume positions which include software engineering, network design and management, Web design, and the application of computers and related technologies to problems in industry such as computer security.

The Department of Computer Science offers courses leading to the degrees of Bachelor of Science in Computer Science and Master of Science in Computer Science.

The undergraduate curriculum offered by the Department of Computer Science is designed to serve these purposes: to offer an undergraduate major in computer science for individuals who wish to pursue a career in this field; to offer a minor in computer science for those who feel the need for a less extensive concentration in computing; to prepare students for graduate work in computer science; and to serve students in other academic disciplines by offering instruction in computer applications that are useful in these disciplines.

The Department offers an undergraduate major with three choices of concentration. In each concentration, students are guided through a carefully selected sequence of courses designed to provide a thorough grounding in practical aspects of the field. Students will also acquire sufficient theoretical background to enable them to keep up with the rapid changes in computer technology and methodology. Students should consult a Department advisor to determine which concentration and electives to choose.

- Major in Computer Science (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/computer-science/computer-science>)
- Minor in Computer Science (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/computer-science/minor-computer-science>)

General Requirements:

During their first term, transfer students should have all transferred Computer Science courses evaluated by a Computer Science Department advisor for possible acceptance towards major or minor requirements. Acceptance of credit by the University does not guarantee acceptance by the Department.

NOTE: CONTACT A DEPARTMENT ADVISOR FOR CURRENT REQUIREMENTS.

- Master of Science in Computer Science (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/computer-science/master-science-computer-science>)

Peter G. Kimmel, Ph.D., Professor, Chair
 Rachel Adler, Ph.D., Assistant Professor
 Francisco Iacobelli, Ph.D., Assistant Professor
 Graciela Perera, Ph.D., Associate Professor
 Pericles Prezas, Ph.D., Assistant Professor
 Marcelo Sztainberg, Ph.D., Associate Professor
 Rachel Trana, Ph.D., Assistant Professor
 Xiwei Wang, Ph.D., Assistant Professor

CS-100. Computers And Society. 3 Hours.

This course provides an introduction to the history of computing and how computers have affected society. Furthermore, it covers the basic computer skills needed to be truly computer literate in modern society. Topics include, but are not limited to the history of computing, the social context of computing, ethical issues in computing, computer security and privacy, the impact of the Internet and the World Wide Web, an introduction to computer architecture and operating systems, and basic computer programs utilized for school, work, and home.

CS-109. First Year Experience: The Information Age: Its Impact On Chicago's Culture. 3 Hours.

The 21st century has seen the genesis of the Information Age. Advances in computer technology have made immediate access to information and sophisticated processing of information commonplace in business, science, medicine, education, various professional areas and many aspects of personal life. This course focuses on how this has impacted Chicago's culture and its diverse communities. This course fulfills the First Year Experience (FYE) requirement. FYE-109 courses are intended for Freshmen only. Students may not take more than one FYE-109 course.

CS-200. Programming I. 3 Hours.

This course serves as an introduction to principles of computer programming. It covers fundamental concepts including input/output, data types, arithmetic, relational, and logical operators, branching, looping, methods, and arrays. Programming projects involving these concepts will be assigned for interactive applications, numeric computations, and analysis of data. A common comprehensive final exam will be given for all sections of CS-200, Programming I—the date of the final exam will be published within the section record each term.

Prerequisite: MATH-173 minimum grade of C.

CS-201. Discrete Structures. 3 Hours.

Introduction to the fundamental number theoretic, logical, algorithmic, combinatoric, and computational concepts from discrete structures and their applications to computer science. This course involves no programming.

Prerequisite: MATH-173 minimum grade of C or MATH-104 minimum grade of C.

CS-202. COBOL Programming. 3 Hours.

Introduction to the COBOL Programming language, emphasizing business applications. Students will flowchart, program and test several typical business problems on the computer.

Prerequisite: CS-200 minimum grade of C.

CS-207. Programming II. 3 Hours.

This course provides an in-depth study of the principles of object oriented programming, including Classes, Objects, Methods, Arrays, Inheritance, and Polymorphism. Within this framework, the course will cover Sorting and Searching Arrays, Two-Dimensional Arrays, Exception Handling, and File Input/Output. Emphasis is given to the design of algorithms and program development, involving both numeric computations and string manipulation techniques. A common comprehensive final exam will be given for all sections of CS-207, Programming II—the date of this final exam will be published within the section record each term.

Prerequisite: CS-200 minimum grade of C.

CS-300. Client Side Web Development. 3 Hours.

The course discusses web site design issues and the requirements of e-commerce. Furthermore, it covers the creation of web pages. Hands-on development and group projects are an essential part of this course.

Prerequisite: CS-200 minimum grade of C.

CS-301. Computer Organization. 3 Hours.

Representation of data, machine arithmetic, processor and memory organizations, instruction execution, assembly and machine languages, addressing mechanisms, and implementation of high level language constructs. Students will gain a vision of levels of abstraction in hardware and software, the nature of the Von Neumann machine and the nature of high level languages.

Prerequisites: CS-200 minimum grade of C and CS-201 minimum grade of C.

CS-302. Systems Programming. 3 Hours.

Introduction to systems programming, including use and implementation of assembler, macros, loaders, compilers, and operating systems.

Prerequisites: CS-304 minimum grade of C and CS-308 minimum grade of C.

CS-303. Basic Concepts In Computer-Assisted Instruction. 3 Hours.

Introduction to concepts of computer-assisted instruction and the programs and equipment used. Topics include: tutorial, drill and practice, simulation and game programs, and computerized learning-center management.

Prerequisite: CS-200 minimum grade of C.

CS-304. Data Structures. 3 Hours.

This course provides experience implementing and manipulating basic data structures, as well as analyzing their applications in Computer Science. Topics covered will include: Stacks, Queues, Linked Lists, Binary Tree Structures, Heaps, Graphs, and Sorting Algorithms.

Prerequisite: CS-207 minimum grade of C.

CS-305. Computer Logic And Circuitry. 3 Hours.

Introduction to logical design of computers and some of their applications. Included are Boolean algebra, switching theory, number systems, numerical codes, and computer organization. Engineering problems are de-emphasized. Computer word organization, languages and use of computers for simple problems will be explained.

Prerequisite: CS-200 minimum grade of C.

CS-306. Advanced Assembler Programming. 3 Hours.

Prerequisite: CS-205 minimum grade of C.

CS-307. Programming Languages. 3 Hours.

This course provides an introduction to the fundamental concepts of programming languages their structural definition and run time implementation. It equips the students with the tools necessary for the critical evaluation of existing programming languages, and the learning of new ones. In addition, it prepares students for the study of computer design.

Prerequisite: CS-304 minimum grade of C or CS-407 minimum grade of C or CS-400 minimum grade of C or CS-404 minimum grade of C.

CS-308. Operating Systems. 3 Hours.

A general overview of the ideas underlying operating systems. Included are traditional topics such as file systems, CPU scheduling, memory management and device scheduling, along with the topics of more current interest such as deadlock handling, process synchronization and distributed systems. No single operating system is studied; examples are drawn from many sources.

Prerequisites: CS-207 minimum grade of C and CS-301 minimum grade of C.

CS-309. Compiler Theory. 3 Hours.

Introduction to basic structure and components of a compiler. Finite automata, lexical analysis, regular grammar, context free grammar, top-down and bottom-up parsing techniques.

Prerequisite: CS-304 minimum grade of C.

CS-311. Modern Computer Architecture. 3 Hours.

This course is intended for those students who wish to understand the architecture and operation of computer systems. Methods for interconnecting processors, memories and I/O devices are discussed. The addressing modes and instruction techniques for manipulation of more complex data structures such as queues, lists and trees are covered.

Prerequisites: (CS-207 minimum grade of C or CS-406 minimum grade of C) and CS-301 minimum grade of C.

CS-312. Advanced Cobol Programming. 3 Hours.

Advance topics in COBOL Programming, including Report Writer, Table Handling, file processing techniques, Sort Feature, and subprogram linkage. A major programming project will be assigned.

Prerequisites: CS-200 minimum grade of C and CS-202 minimum grade of C.

CS-313. Quantitative Methods And Computer Use. 3 Hours.

Mathematical and statistical techniques in current natural, physical and social science research with particular emphasis on computer use and research design development.

Prerequisites: CS-207 minimum grade of C and MATH-104 minimum grade of C.

CS-314. Independent Study In Computer Science. 3 Hours.

An opportunity for an individual research or applications project under the direction of an advisor knowledgeable in the field of endeavor. The project will be designed by the student and his/her project advisor, and must be approved by the chairperson of the Department of Computer Science before the project itself is undertaken.

CS-315. Modern Database Management. 3 Hours.

Theoretical foundations and state-of-the-art data base management systems. The relational, hierarchical and network approaches to data base management systems and representative systems are described. User interfaces are emphasized.

Prerequisite: CS-207 minimum grade of C.

CS-316. Introduction To Systems Analysis. 3 Hours.

Prerequisite: CS-202 minimum grade of C.

CS-317. Event-Driven Programming. 3 Hours.

This course serves as an introduction to techniques and tools for the design of graphical user interfaces and event-driven applications. Topics covered include layering, domain logics, form and control basics, custom control, database mapping, and application embedded support. Students will be expected to apply these concepts in programming projects.

Prerequisite: CS-207 minimum grade of C.

CS-319. Writing Intensive Program: Fundamentals Of Software Engineering. 3 Hours.

This course serves as an introduction to the life cycle of the software development process. Topics covered include each phase of the cycle, and techniques and paradigms that result in the successful realization of each stage. Students will be expected to apply these concepts in a large-scale project.

Prerequisites: CS-304 minimum grade of C and ENGL-101 minimum grade of C.

CS-320. Object-Oriented Programming. 3 Hours.

This course provides an introduction to Object-Oriented Design (OOD) and Object-Oriented Programming (OOP), which is a highly used contemporary programming paradigm. The three main features of OOD, namely encapsulation, polymorphism and inheritance are discussed. The student must implement these concepts in a project.

Prerequisite: CS-304 minimum grade of C.

CS-321. Server Side Web Development. 3 Hours.

This course is an introduction to techniques and tools for designing server side web applications. Topics covered include web application flow, object oriented programming, design of classes, dynamic content, scripting languages, implicit objects and database accessing. Students will be expected to apply these concepts in the development of a website.

Prerequisites: CS-207 minimum grade of C and CS-300 minimum grade of C.

CS-322. Statistical Computer Program Packages. 3 Hours.

This course provides an in depth study of modern statistical data analysis using as the Binomial and Normal distribution, the Linear Regression model, Analysis of Variance, Nonparametric methods and Computer Random Sampling techniques using MINITAB and GPSS. In addition, students will become experienced in the actual implementation of these statistical models with data sets using such statistical software packages as MINITAB, SPSS, BMDP and SAS.

Prerequisites: CS-200 minimum grade of C and MATH-275 minimum grade of C.

CS-323. Cyberlaw. 3 Hours.

This course presents an introduction to the legal issues relating to the use of computers and the Internet. Topics covered include privacy, freedom of speech, intellectual property in cyberspace, encryption and interception of communication, computer crime, professional ethics and codes of conduct and work related ethical and legal issues.

CS-324. Introduction To The Design Of Algorithms. 3 Hours.

Methods for analyzing algorithms are discussed including an introduction to asymptotic notation. Several approaches to designing algorithms are covered using theory, examples and problems. Those approaches include divide-and-conquer, dynamic programming, the greedy approach backtracking and branch-and-bound. Different approaches are applied to the same problem to illuminate the relative advantages.

Prerequisites: CS-201 minimum grade of C and CS-304 minimum grade of C.

CS-325. Theory Of Computation. 3 Hours.

This course discusses several models of computation, including finite automata, pushdown automata and deterministic and nondeterministic Turing machines. The notions of undecidability, computational complexity, intractability and NP completeness are also discussed. The course is mainly theoretical in nature, but some applications, such as finite state systems and parsing, will be discussed.

Prerequisites: CS-201 minimum grade of C and CS-304 minimum grade of C or (CS-400 minimum grade of C and CS-404 minimum grade of C).

CS-326. Numerical Methods Using Fortran Programming. 3 Hours.

An introduction to structured Fortran programming, Computational errors, Solving nonlinear equations, Solving sets of Equations, Determinants and matrix inversions, Interpolating polynomials.

Prerequisite: MATH-106 minimum grade of C or MATH-185 minimum grade of C.

CS-327. Computational Methods In Biology. 3 Hours.

Bioinformatics is the discipline that applies mathematics, statistics, computer science, chemistry, and biology to solving problems in biology using biological data sets. The problems investigated are usually at the molecular level. These problems include sequence alignment, genome assembly, models of evolution and phylogenetic trees, analyzing gene expression data, and gene linkage analysis. One of the most important statistical tools used in bioinformatics is the Bayesian network. This course introduces the techniques used in bioinformatics, in particular Bayesian networks, and provides solutions to several bioinformatics problems.

Prerequisites: (CS-201 minimum grade of C or MATH-251 minimum grade of C) and (BIO-100 minimum grade of C or BIO-201 minimum grade of C) and CS-200 minimum grade of C.

CS-328. Chaos And Computing. 3 Hours.

This course introduces discrete dynamical systems to students having a year of calculus and programming experience. The emphasis is on the sensitivity of future states on initial conditions and bifurcations. Discussions of methods for approximating solutions to problems that cannot be solved analytically and for creating fractal images are included.

Prerequisites: CS-304 minimum grade of C and MATH-202 minimum grade of C.

CS-329. Decision Theory. 3 Hours.

This course covers probabilistic networks, influence diagrams, and decision trees, and their application to making decisions in the face of uncertainty. It addresses modeling one-time decisions and also modeling repeatable decisions as done by an expert system. An expert system is a system that makes the judgments and decisions of an expert. Classical examples of expert systems are systems that make financial decisions and ones that perform medical diagnosis. This course will concentrate more of the latter. Methods for building expert systems and for doing inference with them will be covered.

Prerequisites: CS-201 minimum grade of C and CS-304 minimum grade of C.

CS-330. Telecommunications. 3 Hours.

This course describes the basic principles of modern data communications and presents the techniques and algorithms that deal with data compression, error detection and data encryption. Also, the different kinds of modems are presented and their operation is analyzed. The course finishes with a reference to cellular telephony.

Prerequisite: CS-207 minimum grade of C or CS-406 minimum grade of C.

CS-331. Computer Networks. 3 Hours.

This course covers concepts in data communications, emphasizing protocols. An overview of all protocol layers will be covered, with emphasis on OSI and TCP/IP.

Prerequisites: CS-207 minimum grade of C or CS-406 minimum grade of C or (CS-400 minimum grade of C and CS-404 minimum grade of C).

CS-332. Internet Protocols. 3 Hours.

This course covers concepts related to Internet computer communication models. After the 5-layer Internet model is discussed, the Transmission Control Protocol along with Internet related Protocols (TCP/IP) is presented.

Prerequisite: CS-331 minimum grade of C.

CS-333. C Programming. 3 Hours.**CS-334. Open Source Systems. 3 Hours.**

This course is an introduction to the open source domain, including the Linux operating system and other technologies. Topics covered include open source licensing, Linux administration and characteristics of open source applications. Students will be expected to understand the main concepts, and become capable of researching available resources and participating in open source communities.

Prerequisite: CS-308 minimum grade of C.

CS-335. Artificial Intelligence. 3 Hours.

This course covers strong artificial intelligence methods, which have resulted in the development of systems that solve open problems in specialized domains. Such methods include 1) AI models based on logical reasoning, in particular decision trees and learning decision trees, rule-based expert systems, semantics nets, and frames; 2) AI models based on probabilistic reasoning, in particular Bayesian networks and learning Bayesian networks, influence diagrams, and class probability trees; and 3) AI models based on emergent intelligence, in particular evolutionary computation and swarm intelligence. Lastly, the course discusses an important endeavor in AI, namely language processing.

Prerequisites: CS-304 minimum grade of C or CS-407 minimum grade of C or (CS-400 minimum grade of C and CS-404 minimum grade of C).

CS-336. History Of Computing. 3 Hours.

This course discusses the history of computing beginning with the earliest computational devices and continuing to current technologies. The history of computing is much more than the study of computers. It also involves the study of how computing is done and approached and how it has evolved over time. This course covers the following aspects of computing history: technology, both hardware and software; business history; and sociological impacts and key turning points. Within those aspects, trends and evolution are covered as well.

CS-338. Science, Women, And Technology. 3 Hours.

This course includes an overview of the women who have made major contributions to computing from Grace Hopper to Ellen Spertus. Furthermore, it provides a life-course analysis of women in computing from an early childhood interest, through university, to graduate school and finally into the work place. This analysis will provide the seed for research topics. Each student will choose a research topic, conduct the research, and present the results to the class.

CS-339. Fundamentals Of Information Technology Project Management. 3 Hours.

An Information System is a well-coordinated collection of technological and human resources that gathers and transforms data into information that enables decision making and process improvement within organizations. Information Technology Project Management is the application of knowledge, skills, tools, and techniques to project activities in order to meet project requirements. This course serves as an introduction to these concepts. Students will be expected to apply these tools and techniques in a group based project.

Prerequisite: CS-324 minimum grade of C.

Corequisite: CS-319.

CS-340. Fundamentals Of Computer Graphics. 3 Hours.

This course provides a unified introduction to computer graphics and computer vision for students with an interest in imaging or digital visual arts. Topics covered include the fundamentals of display hardware and applications, interactive techniques and color models, 3D viewing pipeline, 3D polygon rendering (clipping, scan conversion, and visibility algorithms), illumination models, transparency, and ray-tracing. The student must write programs using these methodologies.

Prerequisites: CS-304 minimum grade of C and MATH-110 minimum grade of C.

CS-341. Parallel Computing And Distributed Systems. 3 Hours.

This course works on the fundamental concepts of building systems that work across multiple computing platforms. The course includes topics of distributed operating systems and network protocols for process communication, synchronization, scheduling, and exception and deadlock resolution; understanding of client-server, web-based collaborative systems; parallel computing; concurrency issues; and API's for distributed application development. Several distributed computing environments are discussed and used in developing experimental projects in a cluster of networked computers. Building systems using cloud-based and service-oriented architectures may also be included.

Prerequisites: CS-308 minimum grade of C and CS-304 minimum grade of C.

CS-342. Introduction To Human Computer Interaction. 3 Hours.

A good understanding of how a system/device interacts with its users is what differentiates a product that is technically sound from a usable one. HCI is the science that explores these interactions. HCI is at the intersection of many disciplines including cognitive psychology, linguistics, design and engineering. HCI considerations are increasingly cited as key factors in product design. In this course we will explore the science behind HCI and we will put parts of it into practice.

CS-343. Introduction To Natural Language Processing. 3 Hours.

Computers have tried to understand humans since the beginning. Today, with social media, globalization and the widespread use of computing devices the task of understanding is facing new challenges. In this course the students will learn the core techniques used by computers to understand and generate language, as well as state of the art research in the field.

Prerequisite: CS-304 minimum grade of C.

CS-344. Introduction To Systems Administration. 3 Hours.

This course covers the fundamentals of managing environments for distributed systems. Topics include aligning systems with business practices; distributed systems methodologies; infrastructure; communication tools; architectures; security; privacy; web development architectures.

Prerequisite: CS-331 minimum grade of C.

CS-345. Network Security. 3 Hours.

This course discusses the principles and practice of network security applications and standards that are widely used on the internet and on corporate networks. Topics include cryptographic algorithms and protocols that underline network security applications, network security tools, system-level security issues including the threat of intruders, virus countermeasures, the use of firewalls and trusted systems, IP security, electronic mail and web security.

Prerequisites: CS-308 minimum grade of C or CS-408 minimum grade of C or (CS-400 minimum grade of C and CS-404).

CS-347. Mobile Application Development. 3 Hours.

This course covers programming applications for mobile platforms. Students will learn about mobile application environments and platforms and how to design and develop applications to account for the limited screen size, memory, and access to the internet. Students will incorporate graphics, networking, security, media to create new, real world, practical applications. Development, design, implementation, testing, debugging, and maintaining these applications will also be covered. Students will use a variety of programming languages to create these applications.

Prerequisites: CS-207 minimum grade of C and CS-300 minimum grade of C.

CS-350. Advanced Discrete Structures. 3 Hours.

Prerequisites: CS-201 minimum grade of C and CS-304 minimum grade of C.

CS-355. Cryptography. 3 Hours.

This course covers cryptography and a wide range of cryptographic applications. Theory discussed includes the design and analysis of cryptographic algorithms such as private key and public key cryptosystems used to secure data transmission and electronic system communications. Cryptographic applications such as digital signatures, entity identification, key exchange and e-commerce transactions are discussed.

Prerequisites: CS-324 minimum grade of C or CS-404 minimum grade of C or (CS-400 minimum grade of C and CS-404 minimum grade of C).

CS-360. CyberSecurity. 3 Hours.

The basic concepts in computer security as well as the mechanisms located at the heart of a computer system are presented. Topics covered include privacy and personal information, computer crime, legal and ethical issues in computer security, identification and authentication, cryptography, operating system security, network security, World Wide Web security, and database security.

Prerequisite: CS-308 minimum grade of C.

CS-361. Secure Programming And Testing. 3 Hours.

This course details how to design, build, and test programs in order to make them more secure. The course will discuss the following topics: concepts of secure programming (including risk management), techniques and tools used to build secure systems, techniques to test for security in programs and systems, specific vulnerabilities to avoid (and how to do so), and how to test for those vulnerabilities. Specific common classes of programming-induced vulnerabilities will be included such as buffer overflows, race conditions, off-by-one errors, integer overflow, and improper use of randomness functions.

Prerequisite: CS-360 minimum grade of C.

CS-390. Supervised Field Study I. 3 Hours.

(Internship) The student completes a computer programming project for an institution at the institution site. The institution defines the project which must be approved by the Department of Computer Science for the purpose of satisfying the course requirement. The project should take approximately 168 hours to complete. NOTE: CS-390 is repeatable for a maximum of 9 credit hours.

CS-391. Supervised Field Study II. 6 Hours.

(Internship) Same as CS-390 except that project should take approximately 336 hours to complete.

CS-392. Supervised Field Study III. 9 Hours.

(Internship) Same as CS-390 except that project should take approximately 504 hours to complete.

CS-400. Discrete Modeling And Analysis. 3 Hours.

This course provides necessary tools to develop mathematical maturity through the study of important topics such as combinatorial analysis, discrete structures, algorithmic thinking and mathematical reasoning. Topics include Advanced Enumeration Methods, Recurrence Relations (Equations), Graph Theory, Automata and Formal Languages, Proof Techniques and Probability and Statistics.

Prerequisite: CS-201 minimum grade of B or CS-405 minimum grade of C.

CS-401. Software Engineering. 3 Hours.

The complete software development process: requirement specification, design, coding, testing and maintenance. Various software engineering methods for the development of large-scale quality software are presented.

Prerequisites: CS-400 minimum grade of C and CS-404 minimum grade of C.

CS-402. Advanced Systems Programming. 3 Hours.

Study of system programming tools, their use and their construction. Includes the development of an integrated systems programming environment consisting of a processor simulator, an assembler and a loader.

Prerequisites: CS-400 minimum grade of C and CS-404 minimum grade of C.

CS-403. Authoring Techniques In Computer-Assisted Instruction. 3 Hours.

The study of various concepts associated with computer-aided instruction and authoring. Students will develop software for instructional purposes in their own areas of interest. Languages such as Podium, Visual Basic, HTML, JAVA and LogoWriter can be used.

CS-404. Analysis Of Algorithms. 3 Hours.

This course provides various methodologies to design and analyze algorithms. Topics include incremental, divide-and-conquer, dynamic programming, greedy, backtracking, and branch-and-bound methodologies. Additional topics include sorting and searching algorithms, and computational complexity and Intractability.

Prerequisite: CS-304 minimum grade of B or CS-407 minimum grade of C.

Corequisite: CS-400.

CS-405. Applied Discrete Structures. 3 Hours.

Applied Discrete Structures provides necessary elements of discrete structures to study computer science at our graduate level. Topics include Logic and Proofs, Set Theory, Number Theory, Combinatorics, Probability, Relations and Functions Boolean Algebra and Matrices. (Background course; not for credit toward M.S. degree.)

Prerequisite: MATH-106 minimum grade of C or MATH-185 minimum grade of C.

CS-406. Object Oriented Development. 3 Hours.

This course covers the principles of computer programming using an object oriented programming language. Students will get extensive programming experience in designing algorithms and implementing programs that use the fundamental constructs of an OOP language in many application areas. (Background course; not for credit toward M.S. degree.)

Prerequisite: MATH-106 minimum grade of C or MATH-185 minimum grade of C.

CS-408. Advanced Operating Systems. 3 Hours.

Advanced operating system design and construction concepts such as memory, processor, process and secondary device management, synchronization and communication, security and protection, system performance and evaluation, network, distributed and fault-tolerant systems. Study of operating systems highlighting these concepts.

Prerequisites: CS-400 minimum grade of C and CS-404 minimum grade of C.

CS-409. Topics In Compiler Theory. 3 Hours.

This course describes the procedures used to develop a compiler for a high level language. First a simple high level language is defined and a simple program is written using this language. Then the concepts of a scanner and a parser are presented and students write the software for a scanner and a parser. Gradually, software for all phases of a compiler is developed and by the end of the semester, every student has developed a compiler that can produce assembly code for a microprocessor for a program written in a predefined simple high level language.

Prerequisites: CS-400 minimum grade of C and CS-404 minimum grade of C.

CS-410S. Special Topics In Computer Science:Advanced Software Engineering. 3 Hours.

Prerequisite: CS-401 minimum grade of C.

CS-411. Professional Computing. 3 Hours.

This course provides a study of the technical communication skills needed for a successful career in the field of Information Technology. This course, therefore, is designed to enhance the student's technical research, writing, and presentation skills. Topics include methods for gathering information, writing good documentation, rendering technical information usable to the intended audience, using proper editing techniques, using rhetoric aspects that are applicable to technical communications, and using appropriate types of presentation delivery. To enhance these skills, class activities will include writing a formal project proposal, writing an abstract, making a formal project presentation, and writing a formal analysis report.

CS-412. Web Application Development. 3 Hours.

This course serves as an introduction to different techniques and tools for the design of web applications. Topics covered include web applications flow, object oriented programming, design of classes, dynamic content, scripting languages, implicit objects, and database accessing. Students will be expected to understand and apply these concepts into the generation of sample websites.

Prerequisites: CS-400 minimum grade of C and CS-404 minimum grade of C.

CS-413. IT Project Management. 3 Hours.

IT Project Management is the discipline that applies management principles to the development of information systems projects. It uses techniques developed by Industrial Engineers and used by other engineers and business managers to bring in projects within time and budget. This course supplements Software Engineering by focusing on the management aspects of investing in the development of information systems. Required: CS-401 or can be taken concurrently.

Prerequisites: CS-400 minimum grade of C and CS-404 minimum grade of C.

Corequisite: CS-401.

CS-414. Independent Study. 3 Hours.

An opportunity for advanced study under the direction of an advisor knowledgeable in the field. The area of study will be selected by the student and his/her advisor, and must be approved by the department chair.

Prerequisites: CS-402 minimum grade of C and CS-409 minimum grade of C.

CS-415. Design Of Data Base Systems. 3 Hours.

This course covers various concepts associated with design and construction of data base systems. Topics include data base architecture, relational model, relational languages (SQL), normalization theory, Entity-Relationship theory and physical data base design. Students will develop a simple data base system.

Prerequisites: CS-400 minimum grade of C and CS-404 minimum grade of C.

CS-416. AI And Robotics. 3 Hours.

This course serves as an introduction to aspects of Artificial Intelligence applied to the robotics field. Students will learn different techniques to approach problems using simple robotics. Students will be expected to understand the main concepts, research for available resources, and participate in projects where these concepts will be applied.

Prerequisites: CS-400 minimum grade of C and CS-404 minimum grade of C.

CS-417. Video Game Programming. 3 Hours.

The aim of this course is to explore the basics game programming and the gaming industry, including elements of computer graphics and computer vision as well as advanced stereoscopic computer applications. Following the nature of computer/video games development as a team effort, for this course, we shall design and implement one large class project for game prototype as a team.

Prerequisites: CS-400 minimum grade of C and CS-404 minimum grade of C.

CS-418. Research Topics In Artificial Intelligence. 3 Hours.

This course covers current research topics in artificial intelligence (AI) theory and applications. Topics will vary from semester to semester, and will include a detailed study of one or more of the following: the application of Bayesian networks and other machine learning methodologies to artificial intelligence; the use of decision theory to model intelligent agent behavior; genetic algorithms and programming; evolutionary strategies; multi-agent systems and models; hybrid heuristics and non-deterministic optimization algorithms.

Prerequisites: CS-201 minimum grade of C and CS-304 minimum grade of C.

CS-419. Informatics. 3 Hours.

Information is the discipline that applies the methodologies of science and engineering to information. It concerns organizing data into information, learning knowledge from information, learning new information from knowledge and making decisions based on the knowledge and information learned. This course concerns computational methods for analyzing data and processing information in applications to business decisions.

Prerequisites: CS-400 minimum grade of C and CS-404 minimum grade of C.

CS-420. Object-Oriented Design. 3 Hours.

This course provides student with a solid foundation in object oriented design (OOD) and programming (OOP), a contemporary and highly used programming paradigm. OOD involves the presentation of three main concepts: encapsulation, polymorphism, and inheritance. These concepts and implementation techniques are presented in an object oriented programming language and students become experienced in OOD projects.

Prerequisites: CS-400 minimum grade of C and CS-404 minimum grade of C.

CS-423. Enterprise Architecture & IT Strategy. 3 Hours.

Enterprise Architecture (EA) is the process of translating organizational vision strategy into effective agile business processes that utilize integrated management information systems. These systems allow for; timely decision making, speed to market for competitive advantage or to create a significant barrier to entry. This course studies organizational strategy and its interrelationship importance with major supporting business systems. The student will gain an understanding of Enterprise Resource Planning (ERP), Product Lifecycle Management (PLM), Customer Relationship Management (CRM), Business Intelligence, Ecommerce systems and how the use selection of these systems are critical to an overall IT Strategy.

Prerequisite: CS-413 minimum grade of C.

CS-426. Advanced Numerical Methods. 3 Hours.

This course covers the elements of the design and analysis of numerical methods. Topics include errors in numerical methods, floating-point and interval arithmetic, measuring and efficiency of numerical methods, interpolation and curve fitting, numerical differentiation, numerical integration, and numerical optimization.

Prerequisites: CS-200 minimum grade of C and MATH-303 minimum grade of C.

CS-430. Queueing Theory In Communication Networks. 3 Hours.

Queueing Systems, birth and death models, Markovian queues, the M/G/1 model, Erlang's equations, models of computer and telecommunication systems.

Prerequisite: CS-304 minimum grade of C or CS-407 minimum grade of C.

CS-431. Digital Telephony. 3 Hours.

Advantages over analog telephony, voice digitalization, digital transmission and multiplexing, switching, networks (synchronization, control, and management), traffic analysis, terrestrial vs. satellite.

Prerequisites: (CS-304 minimum grade of C and CS-330 minimum grade of C) or CS-407 minimum grade of C.

CS-435. Expert Systems. 3 Hours.

An expert system is a program that is capable of making the judgements and decisions of an expert. An example of an expert system is a program that does medical diagnosis. This course covers methods for designing expert systems and for reasoning using expert systems.

Prerequisites: CS-400 minimum grade of C and CS-404 minimum grade of C.

CS-440. Computer Graphics. 3 Hours.

Graphics hardware. Scaling and data charting. Representation of two-dimensional objects. Translation and rotation of objects. Two-dimensional line clipping. Three-dimensional object representation. Perspective in three-dimensional object representation. Line-clipping and hidden line and face removal in three dimensions.

Prerequisites: CS-400 minimum grade of C and CS-404 minimum grade of C.

CS-442. Topics In Network Design. 3 Hours.

Protocols for computer networks. Performance requirements, evaluation and analysis. Case studies of actual networks.

CS-450. Advanced Computer Architecture. 3 Hours.

Computer system structure and design issues such as ALU design, arithmetic algorithms, memory hierarchy, control, microprogramming, instruction sets, addressing, input-output. Comparison of specific examples of computer models and selected topics on parallel processors.

Prerequisites: (CS-301 minimum grade of C and CS-308 minimum grade of C and CS-311 minimum grade of C) or CS-408 minimum grade of C.

CS-460. Computer Security. 3 Hours.

Study of existing hardware and software techniques for implementing security. Passwords, encryption and authorization schemes. Special security problems presented by distributed and network environments.

Prerequisites: CS-400 minimum grade of C and CS-404 minimum grade of C.

CS-470. Pattern Recognition. 3 Hours.

Statistical and semantical methods of pattern recognition. Image processing with industrial and commercial applications. Application to sound and visual identification problems.

Prerequisite: CS-409 minimum grade of C.

CS-490. Master's Project. 3 Hours.

Large scale software project and associated documentation. Topic for the project is chosen in conjunction with a project advisor. Master's Project requires the approval of the instructor, the Department Chair, and the appropriate College Dean.

CS-5901. Thesis Hours. 1 Hour.

Student conducts and writes a thesis in Computer Science. This is an alternative to CS-490 for those who want to pursue a more ambitious project. Master's Thesis requires the approval of the instructor, the Department Chair, and the appropriate College Dean.

CS-5902. Thesis Hours. 2 Hours.

See course description for CS-5901.

CS-5903. Thesis Hours. 3 Hours.

See course description for CS-5901.

Major in Computer Science

Major in Computer Science for the Bachelor of Science Degree

To declare a major in Computer Science, a student must fill out the "Declaration of Major Form" available in the Department Office. A student must complete the major requirements in effect when the declaration of major is accepted by the Department. Students should obtain a Computer Science Major handbook in order to be aware of any changes in requirements.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major Requirements

Forty-eight hours of computer science course work including at least 36 hours of 300-level courses. Students should also be aware of the University requirements for the Bachelor's degree. Transfer students must complete a minimum of 24 credit hours of 300-level Computer Science courses at Northeastern and meet all major requirements.

Students who intend to pursue a Master's degree in Computer Science should plan on completing Calculus II and are advised to take a course in Linear Algebra.

Required Core Courses:

CS-200	Programming I	3
CS-201	Discrete Structures	3
CS-207	Programming II	3
CS-301	Computer Organization	3
CS-304	Data Structures	3
CS-308	Operating Systems	3

CS-319	Writing Intensive Program: Fundamentals Of Software Engineering	3
CS-324	Introduction To The Design Of Algorithms	3
Total Hours		24

NO SUBSTITUTIONS ARE ALLOWED FOR CORE COURSES.

Computer Science Concentration:

This concentration is designed primarily for students intending to pursue an advanced degree in Computer Science. However, it is appropriate for any student whose goal is to understand the fundamentals of Computer Science.

Required Courses

CS-307	Programming Languages	3
CS-325	Theory Of Computation	3
CS-335	Artificial Intelligence	3
Select three of the following:		9
CS-315	Modern Database Management	
CS-331	Computer Networks	
CS-334	Open Source Systems	
CS-340	Fundamentals Of Computer Graphics	
CS-341	Parallel Computing And Distributed Systems	
CS-342	Introduction To Human Computer Interaction	
CS-343	Introduction To Natural Language Processing	
CS-355	Cryptography	
Two CS 300-level electives, approved by the CS Department		6
CS Core Courses		24
Total Hours		48

Computer Networks and Security Concentration:

This concentration is designed to prepare students for employment in a computer security related field.

Required Courses

CS-331	Computer Networks	3
CS-355	Cryptography	3
CS-360	CyberSecurity	3
Select three of the following:		9
CS-315	Modern Database Management	
CS-323	Cyberlaw	
CS-334	Open Source Systems	
CS-335	Artificial Intelligence	
CS-341	Parallel Computing And Distributed Systems	
CS-344	Introduction To Systems Administration	
CS-345	Network Security	
CS-361	Secure Programming And Testing	
Two CS 300-level electives, approved by the CS Department		6
CS Core Courses		24
Total Hours		48

Information Technology Concentration:

This concentration is designed to prepare students for employment involving Web development and computer network design and maintenance.

Required Courses

CS-315	Modern Database Management	3
CS-331	Computer Networks	3
CS-339	Fundamentals Of Information Technology Project Management	3

Select three of the following:

CS-300	Client Side Web Development	
CS-317	Event-Driven Programming	
CS-321	Server Side Web Development	
CS-334	Open Source Systems	
CS-335	Artificial Intelligence	
CS-342	Introduction To Human Computer Interaction	
CS-347	Mobile Application Development	
CS-360	CyberSecurity	
Two CS 300-level electives, approved by the CS Department		6
CS Core Courses		24
Total Hours		48

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
ENGL-101	Writing I	3
Math Developmental Course (If Necessary)		0
General Education Course		3
General Education Course		3
Elective		3
Term Hours		12
Term 2		
CS-100	Computers And Society	3
MATH-173	College Algebra	4
General Education Course		3
General Education Course		3
Elective		3
Term Hours		16

Second Year

Term 1		
CS-200	Programming I	3
CS-201	Discrete Structures	3
MATH-185	Precalculus	4
General Education Course		3
General Education Course		3
Term Hours		16
Term 2		
CS-207	Programming II	3
CS-301	Computer Organization	3
MATH-187	Calculus I	4
General Education Course		3
General Education Course		3
Term Hours		16

Third Year

Term 1		
CS-304	Data Structures	3
CS-308	Operating Systems	3
MATH-202	Calculus II	4
General Education Course		3
General Education Course		3
Term Hours		16
Term 2		
CS-319	Writing Intensive Program: Fundamentals Of Software Engineering	3
CS-324	Introduction To The Design Of Algorithms	3

CS-325	Theory Of Computation	3
CS Concentration Elective		3
General Education Course		3
		<hr/>
		Term Hours
		15
Fourth Year		
Term 1		
CS-307	Programming Languages	3
CS-335	Artificial Intelligence	3
CS Concentration Elective		3
General Education Course		3
Elective/Minor		3
		<hr/>
		Term Hours
		15
Term 2		
CS Concentration Elective		
CS Elective		3
CS Elective		3
Elective/Minor		3
Elective/Minor		3
		<hr/>
		Term Hours
		12
		<hr/>
		Total Hours:
		118

Master of Science in Computer Science

Master of Science in Computer Science

The Master's Degree in Computer Science has three concentrations: one for individuals who want to enter careers in industry, one for individuals who want to pursue a Ph.D., and one for high school teachers who want to obtain an endorsement to teach computer science. The program is designed especially for the convenience of the part-time student; courses are scheduled in the evening and on Saturday.

NOTE: CONTACT A DEPARTMENT ADVISOR FOR CURRENT REQUIREMENTS.

Requirements for Admission to the Program:

Students must satisfy all requirements for admission to the Graduate College. Applicants must have a four year degree from an accredited undergraduate college, with an overall undergraduate grade point average of not less than 2.75 (on a 4.0 scale).

Departmental approval is required for full admission to the Computer Science Master's program, and is based upon an evaluation of the candidate's ability to study computer science at the graduate level. No previous course work in computer science is necessary to enter the program; however, the student must have knowledge of discrete structures and programming in order to take courses which count towards the degree. If the student does not have this background, it is necessary for the student to take background courses before beginning course work towards the degree.

Requirements for the Degree:

The Master's Degree in Computer Science requires 36 credit hours of course work, 27 of which must be earned at Northeastern Illinois University. The remaining 9 credit hours may represent courses taken at accredited institutions with graduate programs in computer science and in conformance with the rules of the Graduate College, except for CS-401, CS-404, and CS-420. The 36 hours will be made up of 9 credit hours of elective course work (or 12 credit hours, if the student completes a Master's Thesis), 18 credit hours of required course work from one of three concentrations, and 9 credit hours of elective course work (or 6 credit hours, if the student completes a Master's Thesis). Completion of a Master's Thesis or Project is required. The choice will be agreed upon by the student and the graduate advisor. The three concentrations are Management Information Systems, Computer Science, and Teacher Endorsement. The purpose of the Management Information Systems concentration is to prepare students for the application of computer science and related technologies to solving business problems. The primary purpose of the Computer Science concentration is to prepare students to enter a Ph.D. program in computer science. The purpose of the Teacher Endorsement concentration is to provide teachers with

1. the course work necessary to obtain an endorsement for teaching computer science and
2. the skills necessary to teach computer science at the pre-college level.

A teaching certificate is required to enter this concentration.

No more than 9 hours of specifically approved 300 level courses may be selected to satisfy course requirements for the Master's Degree. Courses taken to remove deficiencies (i.e., CS-405 and CS-406) will not be counted toward the 36 hours of course work required for the Master's Degree. Courses taken to satisfy undergraduate degree requirements cannot be used toward the Master's Degree.

Upon completion of 12 credit hours of graduate course work toward the satisfaction of the course requirements for the Master's Degree, students must formally apply for candidacy. The form should be filed with the Graduate College.

Consult with your program advisor or the Graduate College for details.

Required Core Courses:

CS-400	Discrete Modeling And Analysis	3
CS-404	Analysis Of Algorithms	3
CS-490	Master's Project (or Thesis Hours - CS 5901, 5902, 5903)	3
Total Hours		9

Management Information Systems Concentration:

CS-401	Software Engineering	3
CS-412	Web Application Development	3
CS-413	IT Project Management	3
CS-415	Design Of Data Base Systems	3
CS-419	Informatics	3
CS-420	Object-Oriented Design ³	3
Three course electives, approved by the CS Department		9

CS Core Courses	9
Total Hours	36

Computer Science Concentration:

CS-325	Theory Of Computation	3
CS-331	Computer Networks	3
CS-401	Software Engineering	3
CS-402	Advanced Systems Programming	3
CS-408	Advanced Operating Systems	3
CS-409	Topics In Compiler Theory	3
Three course electives, approved by the CS Department		9
CS Core Courses		9
Total Hours		36

Teacher Endorsement Concentration:

CS-331	Computer Networks	3
CS-411	Professional Computing	3
CS-412	Web Application Development	3
CS-416	AI And Robotics	3
CS-417	Video Game Programming	3
Three course electives, approved by the CS Department		9
CS Core Courses		9
Total Hours		33

For more information, students should obtain a Computer Science Graduate Handbook.

Minor in Computer Science

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor Requirements:

A student may complete a minor in Computer Science by selecting courses totaling at least 18 hours from those offered by the Department of Computer Science including at least 6 credit hours of 300-level courses. Transfer students must complete a minimum of 9 credit hours toward a minor at Northeastern.

The courses must be chosen in consultation with the Department advisor or chairperson.

Earth Science

Earth Science uses an integrated approach to the study of the problems of the earth environment through a synthesis of geology, hydrology, and geochemistry. The B.S. program emphasizes a foundation in geology with a focus on environmental geosciences.

Strong emphasis is placed on experimental and field studies across the curriculum. Internship opportunities are available for advanced students. An independent study option exists for students who wish to complete individualized research under the direction of a faculty member.

Curricula are individually planned to provide a broad basic training in earth science and, more specifically, to prepare students for further graduate study or for careers in the hydrogeological, geotechnical, and environmental fields, as well as areas related to geologic resources, soils, and other careers related to environmental geosciences. Programs have the flexibility to meet individual student needs for career preparation or for graduate studies.

Areas of concentration of coursework represent an emphasis in environmental geology, including mineralogy-petrology and mineral resources, hydrogeology, soil science and geotechnical areas, and lake systems. Techniques of problem-solving in geology and environmental geoscience are emphasized.

Facilities and available equipment include instrumentation for water quality analysis, a prismless total station, apparatus for X-ray diffraction analysis, ground water flow models, hydrogeological laboratory and testing equipment, field equipment for water and soil sampling, equipment for rock and thin section preparation, and mineral separation. Also available are sedimentation tanks, centrifuge and size analysis apparatus, atomic absorption spectrophotometer, optical microscopy with image analysis capabilities, a student computer lab, a teaching seismograph, and facilities for petrographic, hydrogeologic, and aqueous geochemical analysis. The program maintains three monitoring wells on campus for student practice in hydrologic testing.

Earth Science offers a program leading to a degree of Bachelor of Science. An undergraduate minor is also available.

- Major in Earth Science (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/earth-science/earth-science>)
- Minor in Earth Science (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/earth-science/minor-earth-science>)

Paulo Acioli, Ph.D., Professor, Chair

Elisabet Head, Ph.D., Assistant Professor

Nadja Insel, Ph.D., Assistant Professor

Laura L. Sanders, Ph.D., Professor

Kenneth Voglesonger, Ph.D., Associate Professor, Department Coordinator

ESCI-109. First Year Experience: Chicago Rocks! Geology In The City. 3 Hours.

Chicago has been at the bottom of the sea, buried under a mile of ice, and set in a warm, tropical paradise. Such diverse changes have shaped Chicago and the surrounding region, including the lake, the rivers, the ground we walk on (and build on), and the decisions we make about land use, resources, and waste management. Explore Chicago Rocks - as well as water, weather, and land forms - in the context of current issues related to resource use and the environment. Field trips and hands-on experiences highlight the extent to which geology influences the character of the Chicago area.

ESCI-109W. First Year Experience: Chicago's Muddy Waters- Environmental Geology. 3 Hours.

Chicago's vital bodies of water - Lake Michigan, Chicago River, and others - interact with the urban landscape and the soils and rocks of the ground beneath. Such interactions influence environmental issues in everyday life, including "What happens when water goes down the drain?" and "Why do certain areas flood after it rains?" These questions are explored in the context of Chicago's geology, to evaluate the critical factors affecting soil and water contamination, flooding, and our drinking water. Laboratory analysis of water and soil, collected on local field trips, will clear the 'muddy water' about environmental geology impacts in local neighborhoods. (Lecture 2 hr., lab 2 hr.).

ESCI-121. Introduction To Earth Science. 3 Hours.

Basic concepts of geology, meteorology, oceanography, and the solar system. Discussion of topics of current interest in the earth sciences. Laboratory involves the study of minerals, rocks, maps and weather instruments. Lecture 2 hours, lab 2 hours.

Prerequisite: (MATH-091 - 499 or MATH-091A - 499Z or NEIU Math Placement Result 02 - 45 or ACT Math 19 - 36 or Accuplacer Elementary Algebra 060 - 084 or Accuplacer College Level Math 020 - 120).

ESCI-123. Environmental Geology. 3 Hours.

Earth, its structure, composition and resources. Mineral and energy resources, their formation and distribution, their supply and demand projections for the future. Water resources and water quality. Environmental impact of resources, nuclear and other waste disposal, geological aspects of earthquake and volcanic hazards. Lecture 3 hours.

Prerequisite: (MATH-091 - 499 or MATH-091A - 499Z or NEIU Math Placement Result 02 - 45 or ACT Math 19 - 36 or Accuplacer Elementary Algebra 060 - 084 or Accuplacer College Level Math 020 - 120).

ESCI-203. Geology Of Illinois. 3 Hours.**ESCI-207. Global Climate And Weather. 4 Hours.**

This course examines the Earth as a system, focusing on linkages between the oceans and atmosphere related to weather and global climate. Fundamentals of the structure and composition of oceans and atmosphere provide the foundation for investigation of chemical, physical, and biological interactions in weather-related processes and global climate. Topics include basic principles of meteorology, classification of present-day climates, climate variables, paleoclimates, and evidence for global climate change over geologic time. Laboratory analysis of maps, charts, instruments, and data supplements lecture and discussion. Lecture 2 hours, lab 3 hours.

Prerequisite: (MATH-092 - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

ESCI-211. Physical Geology. 4 Hours.

Detailed study of the materials comprising the earth's crust and interior and the forces acting to change its surface; the origin of continents and ocean basins in light of recent geological research. Lecture 3 hours, lab 2 hours.

Prerequisite: (MATH-092 - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

ESCI-301. Geologic Remote Sensing. 3 Hours.

Introduction to the principles of remote sensing with an emphasis on the use of Landsat imagery in geologic investigations; history of remote sensing, operation of multispectral scanner systems, high altitude infra-red imagery, radar imagery, and digital image processing; applications to resource exploration and geologic mapping. Lecture 2 hours; lab 2 hours.

Prerequisite: ESCI-211 minimum grade of C.

ESCI-306. Writing Intensive Program: Rocks And Minerals. 4 Hours.

A detailed introduction to rocks and minerals- the essential materials of the solid earth. Classification and systematic study of the chemical and physical properties of the common rock-forming mineral groups; textural and mineral compositional studies of common igneous, sedimentary and metamorphic rock groups. Lecture 2 hours, lab 3 hours.

Prerequisites: ESCI-211 minimum grade of C and ENGL-101 minimum grade of C.

ESCI-308. Geology Of The National Parks. 3 Hours.

Study of the geological processes producing and controlling the lands within the National Park System. Lecture 3 hours.

Prerequisite: ESCI-121 minimum grade of C or ESCI-211 minimum grade of C.

ESCI-309. Geochemistry. 3 Hours.

Chemical composition of the earth, element abundances, cosmochemistry, meteorites, origin of elements, geochronology, geothermometry, geobarometry, principles of trace element distribution. Igneous, metamorphic and sedimentary environments. Lecture 3 hours.

Prerequisites: CHEM-211 minimum grade of D and (ESCI-306 minimum grade of D or ESCI-206 minimum grade of D).

ESCI-310. Geology Of The Chicago Region. 4 Hours.

The geologic history of Chicago integrates the effects of changes in climate and sea level, varied sedimentary processes, and the influence of the tectonic framework of the Midwestern US region. This course explores the diversity in Chicago's geologic past and present, including the continuing evolution of a geologic landscape affected by glacial, stream, and coastal processes, and examines the impact of local geology on resources and land use, as well as the impact of human processes on the geologic environment. Interpretation of map evidence and real-time data, individual research, and local and regional field experiences supplement class discussion. Lecture 2 hours and Lab 3 hours.

Prerequisite: ESCI-211 minimum grade of C.

ESCI-311. Mineralogy. 4 Hours.

Crystallographic principles, crystal systems and crystal chemistry in the study of minerals. Composition, structure, occurrence and uses of common minerals. Study of hand specimens and thin sections of minerals and the use of physical and optical properties in their identification. Lecture 3 hours, lab 2 hours.

Prerequisites: CHEM-211 minimum grade of C and (ESCI-306 minimum grade of C or ESCI-206 minimum grade of C).

ESCI-312. Historical Geology. 4 Hours.

Evolution of the earth and its flora and fauna, paleoecology; principles of paleontological stratigraphy and techniques of relative and absolute age determination. Lecture 3 hours, lab 2 hours.

Prerequisite: ESCI-121 minimum grade of C or ESCI-211 minimum grade of C.

ESCI-314. Paleontology. 4 Hours.

Principles, study of invertebrate phyla, morphology, taxonomy, evolution and paleoecology as well as occurrence of various fossil types. Lecture 2 hours, lab 3 hours.

Prerequisite: ESCI-212 minimum grade of C or ESCI-312 minimum grade of C.

ESCI-315. Glacial Geology. 4 Hours.

This course focuses on interpreting glacial processes and glacial environments, both past and present. Applying techniques that include map interpretation and correlation, remote sensing, and comparison of sediment and topographic data, students will analyze glacier dynamics, the development of glacial landscapes, and the geologic record of glaciations and glacial processes.

Lecture 2 hours, Lab 3 hours. Prereq: ESCI-121 or ESCI-211.

Prerequisite: ESCI-121 minimum grade of C or ESCI-211 minimum grade of C.

ESCI-317. Principles Of Sedimentation. 4 Hours.

The process governing the formation, transportation and deposition of sediments and the alterations that transform them into sedimentary rocks. The practical application of these techniques is developed in the laboratory. Lecture 2 hours, lab 3 hours.

Prerequisite: ESCI-306 minimum grade of C or ESCI-206 minimum grade of C.

ESCI-319. Petrology. 4 Hours.

Classification of rocks. Study of mineralogical and textural relations of major rock groups in hand specimens and thin sections. Chemical composition of rocks. Chemical and petrographic data interpretation. Interrelation of petrological processes and plate tectonics. Description of selected and widely referred petrologic complexes. Lecture 2 hours, lab 3 hours.

Prerequisite: ESCI-311 minimum grade of C.

ESCI-320. Limnology. 4 Hours.

In this course, students will explore the geological aspects of freshwater systems, focusing on Lake Michigan. Topics that will be covered include the origin of Lake Michigan, tectonic and climatic settings of the Lake, physical sedimentary processes, sedimentary geochemistry, geochronology and paleolimnology. Students will also explore the multidisciplinary aspects of biogeochemical cycling of elements, the role of planktonic organisms in these cycles. Lecture 2 hours, Lab 3 hours.

Prerequisite: ESCI-211 minimum grade of C.

ESCI-324. Oceanography I. 4 Hours.

Ocean boundaries and bottom topography. Origin and evolution of ocean basins. Nature and characteristics of coastal and marine sediments. Gathering of oceanological data development of the marine sciences.

Prerequisites: ESCI-121 minimum grade of C and ESCI-207 minimum grade of C.

ESCI-325. Oceanography II. 3 Hours.

Physical and chemical properties and characteristics of sea water. Hydrodynamics, currents, waves, tides, circulation. Life conditions in the ocean environment, relationship to marine biology. Economic oceanography; the use of statistical methods and marine cartography.

Prerequisites: (ESCI-121 minimum grade of C or ESCI-211 minimum grade of C) and ESCI-207 minimum grade of C.

ESCI-326. Independent Study In Earth Science. 3 Hours.

Research in the geological sciences, oceanography, meteorology, or astronomy under the guidance of a faculty member. Independent Studies require the approval of the instructor, department chair and the appropriate College Dean.

ESCI-327. Aqueous Environmental Geochemistry. 4 Hours.

This course builds on students' fundamental knowledge of aqueous chemistry and highlights applications relevant to geological sciences. The course focuses on using chemical principles to study surface and near surface water and water-rock/water-soil interactions. Topics include basic thermodynamics, chemical speciation, mineral solubility, complexation, acid-base reactions, oxidation-reduction reactions, carbonate chemistry, and an introduction to geochemical modeling. The practical applications of these topics will develop quantitative skills required for addressing geological and environmental issues.

Prerequisites: ESCI-211 minimum grade of C and CHEM-212 minimum grade of C.

ESCI-329. Soil Science. 4 Hours.

Fundamentals of soil including origin, composition, and classification; physical, chemical and biological properties; significance of soil properties for evaluation of soil as a resource; soil fertility and amelioration, soil and watershed use and conservation, and environmental concerns, including soil contamination and remediation.

Prerequisite: ESCI-121 minimum grade of C or ESCI-211 minimum grade of C.

ESCI-330. Structural Geology. 4 Hours.

Spatial and stress-strain relationships of rock deformation, genetic and descriptive aspects of folds, faults joints, etc., structures related to magmatism and metamorphism, polyphase deformation, and geophysical methods of structural geology, diapirs, cleavage and schistosity, impact structures, tectonites, and petrofabric diagrams. Lecture 3 hours, lab 2 hours.

Prerequisites: ESCI-211 minimum grade of C and ESCI-312 minimum grade of C and MATH-185 minimum grade of C.

ESCI-331. Geological Structures And Map Interpretation. 4 Hours.

Determination of the attitude and thickness of inclined strata and their bearing on outcrop patterns; preparation of geological maps from given field data; and interpretations of aerial photos, topographic maps, and geological maps depicting folds, faults, unconformities and intrusive bodies; preparation of geological cross sections. Lecture 2 hours, lab 3 hours.

Prerequisite: ESCI-211 minimum grade of C.

ESCI-333. Internship In Earth Science. 3 Hours.

Field experience at an off-campus site. Student will work a minimum of 150 hours with an earth science agency or organization. Evaluation will be based in part on the student's creation of a tangible product. Details of internship will be arranged by the student, faculty advisor and site supervisor.

ESCI-334. Coastal Marine Research. 4 Hours.

Study of marine coastal processes. Field trip to Atlantic, Pacific or Mediterranean coast. Preceded and followed by on-campus meetings. Field experience 4 hours, lecture 1 hours, lab 1 hour.

ESCI-337. Principles Of Hydrogeology. 4 Hours.

Introduction to the theory and principles of groundwater flow as well as streamflow. Topics include the hydrologic equation, evapo-transpiration, well drilling and testing, porosity and permeability, Darcy's law, confined and unconfined aquifers, flow-nets, geology of groundwater occurrence, water table maps, geophysical exploration methods, well logs, streamflow and hydrographs. Lecture 3 hours, Lab 2 hours.

Prerequisites: ESCI-211 and (MATH-185 or MATH-106 or NEIU Math Placement Result 35 - 45 or ACT Math 25 - 36 or Accuplacer College Level Math 031 - 120).

ESCI-339. Field Hydrogeology. 4 Hours.

Field techniques of measuring infiltration, soil moisture, aquifer permeability and hydraulic conductivity. Practice in conducting geophysical surveys and drilling, logging and developing ground water wells. Methods of sampling water for chemical analysis. Visits to drilling, monitoring and waste management sites. Methods of recording, analysing, mapping and reporting field data. Lecture 2 hours, lab 3 hours.

Prerequisite: ESCI-337 minimum grade of C.

ESCI-340. Introduction To Geotechnical Engineering. 4 Hours.

Introduction to basic concepts of design and engineering of earth materials. Geotechnical soil properties, engineering soil classification, site characterization, earthwork, interactions of water with Earth materials. Overview of engineering design of roadways, landfills, dams, levees, and tunnels. Especially useful for those interested in environmental aspects of geology. Lecture 2 hours, laboratory 3 hours.

Prerequisite: (MATH-104 or MATH-177 or MATH-185 or NEIU Math Placement Result 35 - 45 or ACT Math 25 - 36 or Accuplacer College Level Math 031 - 120) and.

ESCI-341. Environmental Hydrology. 4 Hours.

The course introduces surface water hydrology, emphasizing applications in urban and agricultural environments of the glaciated Midwest. The course includes basic principles of the processes, interrelationships, and measurement of precipitation, infiltration, evaporation, evapotranspiration, interflow, overland flow, stream flow, and ground water flow. Also covered are an introduction to quantification of watershed hydrologic budgets, hydrographs, flood routing, hydraulic drainage and control structures, and estimation of extreme events. Lecture 2 hrs., laboratory 3 hrs.

Prerequisites: ESCI-211 minimum grade of C and MATH-185 minimum grade of C.

ESCI-350. Geotectonics. 4 Hours.

Geotectonics is the study of large-scale motion and deformation of earth's crust and mantle, the relationship of geodynamics to volcanic activity, earthquakes, and surface features, as well as the deep structure and movement of the interior of the earth. Interdisciplinary instruction of geological, geophysical, and geochemical concepts will allow students to develop a broad working knowledge of classic and current plate tectonics. Historical and recent papers on plate tectonics will be read, discussed, summarized in written reports, and presented to the class. Laboratories will consist of analyzing geologic, geophysical, geochemical, and remotely sensed evidence of current and ancient geodynamics.

Prerequisite: ESCI-211 minimum grade of C.

ESCI-390. Field Geology. 5 Hours.

Introduction to field methods including pace-and-compass and plane table mapping, field trips to south-central Wisconsin, preparation of geological maps and reports from field data. Attendance at a field camp for 14 days with additional on-campus lectures and laboratory work. Lecture 3 hours, Lab 3 hours.

Prerequisites: (ESCI-306 minimum grade of C or ESCI-206 minimum grade of C) and ESCI-331 minimum grade of C.

Major in Earth Science

Major in Earth Science for the Bachelor of Science Degree

The Bachelor of Science in Earth Science prepares students for graduate study, or a wide range of positions in Environmental Geoscience fields, including industry, consulting, or state/federal agencies. In addition to required and elective ESCI courses, additional courses in cognate fields (math and science) are required for completion of the degree program. All students are urged to plan their program with the help of ESCI faculty advising.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Earth Science requirements (66-67 cr. hrs.)

Required Courses

ESCI-207	Global Climate And Weather	4
ESCI-211	Physical Geology	4
ESCI-306	Writing Intensive Program: Rocks And Minerals	4
ESCI-311	Mineralogy	4
ESCI-312	Historical Geology	4
ESCI-317	Principles Of Sedimentation	4
ESCI-331	Geological Structures And Map Interpretation	4
ESCI-390	Field Geology	5
Electives in Earth Science:		
Choose from 300-level course offerings		8
Required Courses in Related Fields:		

CHEM-211	General Chemistry I	5
MATH-187	Calculus I	4
PHYS-203 & PHYS-201 or PHYS-206L	Physics I Laboratory and College Physics I (with lab) University Physics I With Lab	4
MATH-202 or MATH-275	Calculus II ¹ Applied And Computational Statistics	4
Select two of the following: ²		8-9
BIO-201	General Biology I	
BIO-202	General Biology II	
CHEM-212	General Chemistry II ¹	
CHEM-213	Writing Intensive Program: Quantitative Analysis	
CHEM-231	Organic Chemistry I	
PHYS-202 & PHYS-204 or PHYS-207L	College Physics II and Physics II Laboratory (with lab) ¹ University Physics II With Lab	
PHYS-305	Modern Physics I	
Total Hours		66-67

¹ Students planning to pursue an advanced degree in geoscience should plan to incorporate these cognate courses.

² Course substitutions may be allowed by prior arrangement with the undergraduate program advisor. Check program listings for course prerequisites/ co-requisites.

This sample curricular map is provided to guide you in the planning of your progression for the Earth Science major. This guide should not replace regular consultations with your Earth Science advisor. Please contact the Earth Science Department to develop your specific plan of study and for recommendations regarding your academic progress. For questions, please contact Professor Ken Voglesonger at k-voglesonger@neiu.edu.

First Year

Term 1		Hours
ESCI-211	Physical Geology	4
CHEM-211	General Chemistry I	5
ENGL-101	Writing I	3
Term Hours		12
Term 2		
ESCI-306	Writing Intensive Program: Rocks And Minerals	4
MATH-187	Calculus I	4
ENGL-102	Writing II	3
Humanities Course		3
Term Hours		14

Second Year

Term 1		Hours
ESCI-311	Mineralogy	4
CHEM-212	General Chemistry II	4
Fine Arts Course		3
Social/Behavior Science Course		3
Term Hours		14
Term 2		
ESCI-312	Historical Geology	4
MATH-202 or 275	Calculus II	4
PHYS-201 or 206	College Physics I	3
PHYS-203	Physics I Laboratory	1
300 level Earth Science Elective		4
Term Hours		16

Third Year

Term 1		Hours
ESCI-317	Principles Of Sedimentation	4

PHYS-202 or 207	College Physics II	3
PHYS-204	Physics II Laboratory	1
300 level Earth Science Course		4
Social/Behavioral Science Course		3
		Term Hours 15
Term 2		
ESCI-207	Global Climate And Weather	4
ESCI-331	Geological Structures And Map Interpretation	4
300-Level ESCI Elective		4
Humanities Course		3
		Term Hours 15
Term 3		
ESCI-390 (Taken during the Summer term of third year)	Field Geology	5
		Term Hours 5
Fourth Year		
Term 1		
300-Level ESCI Elective		4
Social/Behavioral Science Course		3
Fine Arts Course		3
Humanities Course		3
		Term Hours 13
Term 2		
300-Level ESCI Elective		4
Social/Behavioral Science Course		3
Elective		3
Elective		3
		Term Hours 13
		Total Hours: 117

Minor in Earth Science

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Earth Science (19-20 credit hours)

Required Courses

ESCI-207	Global Climate And Weather	4
ESCI-211	Physical Geology	4
ESCI-306	Writing Intensive Program: Rocks And Minerals	4
ESCI-312	Historical Geology	4
One elective Earth Science course at the 300-level		3-4
Total Hours		19-20

Students also should be aware of the University requirements for the Bachelor's degree. All students must complete a minimum of 40 semester hours at the 300 level.

Economics

The Economics program offers courses of study leading to the degree of Bachelor of Arts.

Economics is the social science that analyzes the basic problem of scarce resources and the necessity of choice. This basic problem is faced by businesses, households, governments and nations. Courses in Economics focus on how markets operate and how policies and choices affect market activity. Economics provides useful insights into problems of recession and inflation, international economic relations, environmental issues, economic growth, public policy, financial markets, and labor market developments among others. A major in economics provides an excellent preparation for careers in business and public organizations. Students who major in Economics are also well prepared for graduate study in business and law. Further graduate study in Economics is necessary for careers in university teaching and other professions requiring masters or doctoral degrees. The introductory courses (ECON-215 and ECON-217) are designed to provide basic knowledge and to serve as a foundation for other courses in economics and business.

A concentration in economics provides an excellent background for students who wish to pursue careers in business and management, law, government or teaching. The prerequisite for a major in economics is satisfactory completion of three years or equivalent of high school mathematics. Students planning to do graduate work in economics are urged to complete at least two years of college mathematics, including differential and integral calculus. Students not planning study beyond the baccalaureate level should complete at least one year of college level mathematics. Economics majors and minors are also encouraged to take quantitative economics courses beyond the minimum requirements. Majors are strongly encouraged to take ECON-303 and ECON-304 prior to enrolling in upper division electives. All courses in the economics program carry three hours of credit.

Please contact the faculty advisors in the Department of Economics (<http://www.neiu.edu/academics/college-of-arts-and-sciences/node/381>) to develop a plan of study.

- Major in Economics (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/economics/economics>)
- Minor in Economics (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/economics/minor-economics>)

Students should meet with a faculty advisor upon joining the program and throughout their academic careers to develop a plan of study. The economics curriculum is organized around five specialized subfields, including Applied Microeconomics, Applied Macroeconomics, Urban, International, and Financial/Quantitative Economics. Specialization in one of these fields is not required but can help prepare students for career and graduate study.

Students should also be aware of the University requirements for the Bachelor's degree.

Erick Howenstine, Ph.D., Professor, Chair
 Michael Wenz, Ph.D., Associate Professor, Advisor, Coordinator
 Christina Ciecierski, Ph.D., Associate Professor, Advisor
 Ryan Gallagher, Ph.D., Associate Professor, Advisor
 Scott Hegerty, Ph.D., Associate Professor, Advisor
 Hardik Marfatia, Ph.D., Assistant Professor, Advisor

ECON-109. First Year Experience: Money Matters: The Chicago Economy. 3 Hours.

This course is designed to provide students with an introduction to surviving in the Chicago economy. The five foundations of the First Year Experience (Future Planning, Integral Preparation, Research, Self-discovery and Transitions) are interwoven with the introductory field-specific concepts and terminology of economics. Students will be introduced to economic and financial literacy while learning what makes Chicago one of the greatest economic engines in the world. Students will examine the Chicago economy and collect data on major economic sectors in Chicago today with an eye on what it will take for workers, households and businesses to succeed in Chicago's future.

ECON-200. Essentials Of Economics. 3 Hours.

This course will provide students with an overview of general economic issues, principles and concepts in both microeconomics and macroeconomics. Through its integrated design, students will have the opportunity to analyze individual firms and markets as well as aggregate economic indicators. Topics to be covered include: inflation, unemployment and economic growth, with a focus on the government's role in its attempts to regulate the economy. Upon completion of the course, students will have gained a basic understanding of how people make decisions, how people interact, and how the economy as a whole works so that they may be able to conceptualize how the economy works, make better business decisions and establish a framework for viewing and interpreting the economic world around them.

Prerequisite: MATH-091 minimum grade of D.

ECON-215. Principles Of Macroeconomics. 3 Hours.

Elementary aggregate economics. Among the topics covered are economic instability, countercyclical economic policies, money, the banking system, government economic activity, fiscal policy, monetary policy and national income theory.

Prerequisite: (MATH-091 - 499 or MATH-091A - 499Z or NEIU Math Placement Result 02 - 45 or ACT Math 19 - 36 or Accuplacer Elementary Algebra 060 - 084 or Accuplacer College Level Math 020 - 120).

ECON-217. Principles Of Microeconomics. 3 Hours.

Among the topics covered are supply, demand, prices, the working of markets, the markets of labor and for other factors of production, distribution of the product and contemporary economic problems.

Prerequisite: (MATH-091 - 499 or MATH-091A - 499Z or NEIU Math Placement Result 02 - 45 or ACT Math 19 - 36 or Accuplacer Elementary Algebra 060 - 084 or Accuplacer College Level Math 020 - 120).

ECON-220. Business And Economics Statistics I. 3 Hours.

Introduction to the principal methods of statistical analysis as applied to business and economic problems. Topics covered include descriptive statistics, introductory probability and probability distributions, statistical estimation, hypothesis testing and regression and correlation analysis with computer applications.

Prerequisite: MATH-165 minimum grade of D or MATH-110 minimum grade of D.

ECON-221. Writing Intensive Program: Tools For Economists. 3 Hours.

This course introduces students to a wide variety of resources used by academic and applied economists. Students will learn the basics of word processing and spreadsheet design, with particular emphasis placed on the written description of data, tables and graphs, as well as academic and business writing styles. Students will also learn how to locate, interpret, and present publicly available economic data that are commonly cited in academic, business, and mass-audience publications. This is a reading- and writing-intensive course that satisfies NEIU's Writing Intensive Program (WIP) requirement for economics majors.

Prerequisites: (ECON-215 minimum grade of C or ECON-217 minimum grade of C) and ENGL-101 minimum grade of C.

ECON-302. Economic Development. 3 Hours.

Prerequisites: ECON-215 minimum grade of D and ECON-217 minimum grade of D.

ECON-303. Intermediate Macroeconomic Theory. 3 Hours.

Consumption and investment theory, the definitions and determination of national income, employment and the price level. Also considered are the economic effects of fiscal and monetary policy.

Prerequisites: ECON-215 minimum grade of D and ECON-217 minimum grade of D and (MATH-165 minimum grade of D or MATH-110 minimum grade of D or MATH-177 minimum grade of D).

ECON-304. Intermediate Microeconomic Theory. 3 Hours.

A systematic study of the role of the price system in organizing economic activity and an evaluation of its effectiveness; price determination and resource allocation under competition, monopoly, oligopoly and monopolistic competition; theories of demand, cost, partial, and general equilibrium.

Prerequisites: ECON-215 minimum grade of D and ECON-217 minimum grade of D and (MATH-165 minimum grade of D or MATH-110 minimum grade of D or MATH-177 minimum grade of D).

ECON-306. Labor Economics. 3 Hours.

Analysis of supply and demand for labor, the determination of wage rates, employment, working hours and labor force participation; with emphasis on the effects of unionism and government activities on these areas.

Prerequisites: ECON-215 minimum grade of D and ECON-217 minimum grade of D.

ECON-307. Money And Banking. 3 Hours.

The nature and functions of money and the role of the monetary sector in the determination of income and employment with particular attention on the institutional framework, money markets, commercial banking, deposit expansion, the Federal Reserve System and monetary policy and its instruments.

Prerequisites: ECON-215 minimum grade of D and ECON-217 minimum grade of D.

ECON-308. Comparative Economic Systems. 3 Hours.

Analysis of the structure, institutions and performance of alternative economic systems: capitalism, socialism, communism. Selected countries are studied as examples of each system.

Prerequisites: ECON-215 minimum grade of D and ECON-217 minimum grade of D.

ECON-309. Public Finance. 3 Hours.

An investigation of the economic effects of governmental activities. The major types of taxes and expenditure proposals are considered. In addition, intergovernmental fiscal relations and fiscal policy are discussed. The course will emphasize, but not be restricted to American fiscal institutions.

Prerequisites: ECON-215 minimum grade of D and ECON-217 minimum grade of D.

ECON-310. Writing Intensive Program: Business And Economic Statistics II. 3 Hours.

This course is a continuation of ECON-220. Topics to be covered include analysis of variance, multiple regression and correlation, time series analysis, nonparametric tests, and decision theory with computer applications.

Prerequisites: ECON-215 minimum grade of D and ECON-217 minimum grade of D and ECON-220 minimum grade of D and ENGL-101 minimum grade of C.

ECON-312. Mathematical Economics. 3 Hours.

Conventional macro- and microeconomic theories are set out in mathematical form utilizing algebra and calculus. Topics to be covered include sets, functions, matrices, differential and integral calculus and optimization.

Prerequisites: ECON-215 minimum grade of D and ECON-217 minimum grade of D and (MATH-165 minimum grade of D or MATH-110 minimum grade of D or MATH-177 minimum grade of D).

ECON-313. Economic History Of Europe. 3 Hours.

Development of the modern economic systems and institutions of Europe from their late medieval and Renaissance beginnings; the revival of trade, the growth of towns, the commercial revolution, the development of new systems of economic thought to support capitalism, the industrial revolution, the rise of new economic forms such as socialism, modified capitalism, and "mixed" economies in the twentieth century.

Prerequisites: ECON-215 minimum grade of D and ECON-217 minimum grade of D.

ECON-314. The Development Of Economic Thought. 3 Hours.

Historical survey of the major streams of economic thought including classical, Marxian, Institutional, neoclassical, radical and monetarist thought. The course covers the origins, methods and validity of economic theories.

Prerequisites: ECON-215 minimum grade of D and ECON-217 minimum grade of D.

ECON-315. American Capitalism. 3 Hours.

Contemporary controversial interpretations of American capitalism; the course centers around ideas of laissez-faire, government regulation and government-business relations; analysis of private property, competition, free enterprise; views of conservatives, liberals and radical are considered, and a critical examination of recent reformulations of the capitalist system is undertaken.

Prerequisites: ECON-215 minimum grade of D and ECON-217 minimum grade of D.

ECON-316. Independent Study In Economics. 3 Hours.

Intensive study of special topics of economics; faculty guidance.

ECON-318. Introduction To Econometrics And Forecasting. 3 Hours.

Introduction to the methods by which economic theories are tested with emphasis on applications. Topics include bivariate and multiple regression techniques, hypothesis testing, and violation of the common assumptions. Computer usage.

Prerequisites: ECON-215 minimum grade of D and ECON-217 minimum grade of D and ECON-220 minimum grade of C and (MATH-165 minimum grade of D or MATH-110 minimum grade of D or MATH-177 minimum grade of D).

ECON-320. Writing Intensive Program: Non Profit Management, Administration & Communications. 3 Hours.

This course is designed to prepare students for careers in the non-profit world and to introduce the principles of effective professional communications. Students will be required to volunteer a minimum of two (2) hours per week with a non-profit organization and to produce weekly correspondence related to the internship. The course will be taught as a hybrid course and utilize online, topic specific discussions.

Prerequisite: ENGL-101 minimum grade of C.

ECON-321. International Monetary Theory & Relations. 3 Hours.

This course will provide an analysis of the international monetary system and the institutions that link national economies through exchange rates, balance of payments, and international asset transactions. Particular attention will be paid to the evolving international monetary system of flexible exchange rates and highly mobile international capital. This course will be valuable to students interested in careers in international economic policy, international banking, and finance, and in international political economy.

Prerequisites: ECON-215 minimum grade of C and ECON-217 minimum grade of C.

ECON-322. International Economics. 3 Hours.

This course will provide an introduction to the fundamentals of international trade theory; theoretical, institutional and historical aspects of international microeconomic relations are considered, including, tariffs, quotas, and U.S. and other countries' commercial policies.

Prerequisites: ECON-215 minimum grade of D and ECON-217 minimum grade of D.

ECON-323. Writing Intensive Program: Economic Development. 3 Hours.

This course will examine the process of economic development primarily at the nation level throughout the world. Students will study important theories of development and will be expected to apply these to writing and research on a specific country, and to disseminate their work to the class.

Prerequisites: ECON-215 minimum grade of D and ECON-217 minimum grade of D and ENGL-101 minimum grade of C.

ECON-324. The Economics Of The European Union. 3 Hours.

This course will provide an overview of the history, objectives and economics policy issues of the European Union. The focus of the course will be on a theoretical analysis of the principal economic problems facing the European Union. These problems include: agricultural policy, trade policy, the creation of a single market and single currency, further expansion, and relations with the United States. The course requires that students have a background and sound understanding of the principles of macro and micro economics.

Prerequisites: ECON-215 minimum grade of D and ECON-217 minimum grade of D.

ECON-331. American Economic History. 3 Hours.

Survey of American economic history from the colonial period to the present; controversial issues and interpretations in American history.

Prerequisites: ECON-215 minimum grade of D and ECON-217 minimum grade of D.

ECON-332. Industrial Organization. 3 Hours.

Analysis of the competitive structure of industries and the major determinants of industrial organization such as economies of scale, mergers, vertical integration, advertising and their effects on competitive firm behavior. Examination of the economic foundations and effects of government policies to regulate monopoly.

Prerequisites: ECON-215 minimum grade of D and ECON-217 minimum grade of D.

ECON-333. Urban Economics. 3 Hours.

Presentations of fundamental economic tools applicable to urban problems; identification of the economic causes of these problems and analysis of policies designed to correct them.

Prerequisites: ECON-215 minimum grade of D and ECON-217 minimum grade of D.

ECON-334. Cost-Benefit Analysis. 3 Hours.

Alternative economic policies resulting from weighing the merits of spending public expenditures on various public projects. A systematic approach to the evaluation of individual projects in the selection of the best project to accomplish a given purpose, and in the establishment of priority order among the projects competing for limited funds.

Prerequisites: ECON-215 minimum grade of D and ECON-217 minimum grade of D.

ECON-335. Economics Of Transportation. 3 Hours.

Demand for and costs of transportation. Urban and interurban markets for transport of people and goods. Regulation, deregulation, and public policy.

Prerequisites: ECON-215 minimum grade of D and ECON-217 minimum grade of D.

ECON-336. Health Economics. 3 Hours.

This is a course in applied economic theory that examines the determinants of health status as well as the determinants of the market quantity and price of health care services. Specific topics covered include: consumer factors which determine demand for health and health care utilization; the role of health insurance in determining health and health care utilization; behavior of health care providers under various types of financial reimbursement mechanisms and market structures.

Prerequisites: ECON-217 minimum grade of C and MATH-091 minimum grade of C.

ECON-337. Environmental Economics. 3 Hours.

This course allows students to explore and understand the role of economics in analyzing environmental issues and in the development of environmental policy. Some of the topics covered include: air and water pollution, transitioning from depletable to renewable resources; biodiversity and issues of sustainability, energy and transportation.

Prerequisites: ECON-217 minimum grade of C and ECON-215 minimum grade of C.

ECON-340. Managerial Economics. 3 Hours.

The application of economic theory to the analysis of business decision-making. Topics include the theory of production, cost, pricing, and capital budgeting. Specific tools such as constrained maximization and regression analysis are applied in a case approach to the estimation and forecasting of revenues and costs, and to the preparation of budget forecasts.

Prerequisites: ECON-215 minimum grade of D and ECON-217 minimum grade of D.

ECON-343. Macroeconomic Data Analysis. 3 Hours.

The manipulation, presentation, and interpretation of real macroeconomic data. Concepts include GDP, inflation, interest rates, exchange rates, and nominal and real variables. Students will gain experience applying formulas, preparing graphs, and uncovering basic statistical relationships among data series.

Prerequisites: ECON-215 minimum grade of C and ECON-217 minimum grade of C and MATH-165 minimum grade of C.

ECON-344. Financial Economics. 3 Hours.

This course will provide students with the economic tools that are critical to understanding the idea of risk and return and how various factors affect the valuations of assets like bonds, stocks, mutual funds or houses. These concepts are also useful for the types of analysis done by financial experts in banks, financial institutions, and companies who also have to understand the risk-return of various assets and overall financial decisions. This course also emphasizes the deep interconnections of finance with macroeconomics more generally.

Prerequisites: ECON-215 minimum grade of C and ECON-217 minimum grade of C.

ECON-377. Real Estate Economics. 3 Hours.

This course provides an overview of the economics of real estate markets. Primary focus is on the interaction of supply and demand in determining real estate property valuations and other real estate-related assets such as mortgage-backed securities. Different methods of determining real estate valuations are examined, including residential, cost, hedonic, and income-based approaches for commercial and residential properties. Additionally, the link between real estate markets and the broader economy is examined, including emphasis on the mortgage industry and mortgage markets.

Prerequisites: ECON-215 minimum grade of C and ECON-217 minimum grade of C.

ECON-3953. Internship In Economics. 3 Hours.

The internship in economics is designed for students in the Department of Economics with a declared major or minor and who are approaching the terminus of their program and wish to apply their learned knowledge within a non-academic and professional setting. For many students, an internship constitutes a first glimpse into "how economists work" outside of the classroom and, consequently, serves as a guide for future career goals and opportunities. Additionally, well-received interns often obtain strong letters of recommendation and/or the option of permanent employment.

Prerequisites: ECON-215 minimum grade of C and ECON-217 minimum grade of C and ECON-303 minimum grade of C and ECON-304 minimum grade of C.

ECON-3956. Internship In Economics. 6 Hours.

See course description for ECON-3953.

Prerequisites: ECON-215 minimum grade of C and ECON-217 minimum grade of C and ECON-303 minimum grade of C and ECON-304 minimum grade of C.

ECON-401. Fundamentals Of Business Economics. 4 Hours.

Provides knowledge of microeconomic and macroeconomic theory necessary for advanced business analysis.

Major in Economics

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Economics for the Bachelor of Arts Degree (33 credit hours)

Required Courses

ECON-215	Principles Of Macroeconomics	3
ECON-217	Principles Of Microeconomics	3
ECON-220	Business And Economics Statistics I	3
ECON-221	Writing Intensive Program: Tools For Economists	3
ECON-303	Intermediate Macroeconomic Theory	3
ECON-304	Intermediate Microeconomic Theory	3
Electives (any five 300-level Economic courses, including additional WIP courses)		15
Total Hours		33

WIP courses

ECON-221	Writing Intensive Program: Tools For Economists	3
ECON-310	Writing Intensive Program: Business And Economic Statistics II	3
ECON-320	Writing Intensive Program: Non Profit Management, Administration & Communications	3
ECON-323	Writing Intensive Program: Economic Development	3

Elective Courses

ECON-306	Labor Economics	3
ECON-307	Money And Banking	3
ECON-308	Comparative Economic Systems	3
ECON-309	Public Finance	3
ECON-310	Writing Intensive Program: Business And Economic Statistics II	3
ECON-312	Mathematical Economics	3
ECON-313	Economic History Of Europe	3
ECON-314	The Development Of Economic Thought	3
ECON-315	American Capitalism	3
ECON-316	Independent Study In Economics	3
ECON-318	Introduction To Econometrics And Forecasting	3
ECON-320	Writing Intensive Program: Non Profit Management, Administration & Communications	3
ECON-321	International Monetary Theory & Relations	3
ECON-322	International Economics	3
ECON-323	Writing Intensive Program: Economic Development	3
ECON-324	The Economics Of The European Union	3
ECON-332	Industrial Organization	3
ECON-331	American Economic History	3
ECON-333	Urban Economics	3
ECON-334	Cost-Benefit Analysis	3
ECON-335	Economics Of Transportation	3
ECON-336	Health Economics	3
ECON-337	Environmental Economics	3
ECON-340	Managerial Economics	3
ECON-343	Macroeconomic Data Analysis	3
ECON-344	Financial Economics	3
ECON-377	Real Estate Economics	3
ECON-3953	Internship In Economics	3

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
MATH-091 (If Necessary)	Intermediate Algebra I	3
ENGL-101	Writing I	3
General Education Course		3
General Education Course		3
Elective		3
Term Hours		15
Term 2		
MATH-092 (If Necessary)	Intermediate Algebra II	3
ENGL-102	Writing II	3
General Education Course		3
General Education Course		3
Elective		3
Term Hours		15

Second Year

Term 1		
MATH-163	Mathematical Modeling With Elementary Functions For Business	3
ECON-215	Principles Of Macroeconomics	3
General Education Course		3
General Education Course		3

Elective/Minor		3
	Term Hours	15
Term 2		
MATH-165	Finite Mathematics For Business And The Social Sciences	3
ECON-217	Principles Of Microeconomics	3
General Education Course		3
General Education Course		3
Elective/Minor		3
	Term Hours	15
Third Year		
Term 1		
ECON-220	Business And Economics Statistics I	3
ECON-304	Intermediate Microeconomic Theory	3
300-Level ECON Elective		3
General Education Course		3
Elective/Minor		3
	Term Hours	15
Term 2		
ECON-303	Intermediate Macroeconomic Theory	3
ECON-310	Writing Intensive Program: Business And Economic Statistics II	3
General Education Course		3
Elective/Minor		3
300-Level ECON Elective		3
	Term Hours	15
Fourth Year		
Term 1		
Elective/Minor		3
Elective/Minor		3
Elective/Minor		3
Elective/Minor		3
Elective/Minor		3
	Term Hours	15
Term 2		
300-Level ECON Elective		3
300-Level ECON Elective		3
General Education Course		3
Elective/Minor		3
Elective/Minor		3
	Term Hours	15
	Total Hours:	120

Minor in Economics

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Economics (18 credit hours)

Required Courses

ECON-215	Principles Of Macroeconomics	3
ECON-217	Principles Of Microeconomics	3
ECON-220	Business And Economics Statistics I	3
Electives (any three 300-level Economics courses)		9
Total Hours		18

Elective Courses

ECON-221	Writing Intensive Program: Tools For Economists	3
ECON-302	Economic Development	3
ECON-303	Intermediate Macroeconomic Theory	3
ECON-304	Intermediate Microeconomic Theory	3
ECON-306	Labor Economics	3
ECON-307	Money And Banking	3
ECON-308	Comparative Economic Systems	3
ECON-309	Public Finance	3
ECON-310	Writing Intensive Program: Business And Economic Statistics II	3

ECON-312	Mathematical Economics	3
ECON-313	Economic History Of Europe	3
ECON-314	The Development Of Economic Thought	3
ECON-315	American Capitalism	3
ECON-316	Independent Study In Economics	3
ECON-318	Introduction To Econometrics And Forecasting	3
ECON-320	Writing Intensive Program: Non Profit Management, Administration & Communications	3
ECON-321	International Monetary Theory & Relations	3
ECON-322	International Economics	3
ECON-323	Writing Intensive Program: Economic Development	3
ECON-324	The Economics Of The European Union	3
ECON-331	American Economic History	3
ECON-332	Industrial Organization	3
ECON-333	Urban Economics	3
ECON-334	Cost-Benefit Analysis	3
ECON-335	Economics Of Transportation	3
ECON-336	Health Economics	3
ECON-337	Environmental Economics	3
ECON-340	Managerial Economics	3
ECON-343	Macroeconomic Data Analysis	3
ECON-344	Financial Economics	3
ECON-377	Real Estate Economics	3
ECON-3953	Internship In Economics	3
ECON-3956	Internship In Economics	6

English

The study of English is designed to help students prepare themselves for a variety of professions and careers where individual talents are valued. It enables students to improve their writing skills, their articulation and their abilities in analytical reading—all valuable accomplishments. The study of literature refines one's sensibilities, expands one's outlook, and stimulates one's imagination. It is a humanizing activity which helps one discover one's self and one's place in the world.

Required for graduation: Students must complete a minimum of 40 semester hours at the 300 level.

- Major in English (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/english/english>)
- Major in English/Secondary Education (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/english/major-english-secondary-education>)
- Minor in English (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/english/minor-english>)
- Minor in Creative Writing (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/english/minor-creative-writing>)
- Master of Arts in English (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/english/master-arts-english>)

Timothy R. Libretti, Ph.D., Professor, Chair

Timothy P. Barnett, Ph.D., Associate Professor

Marcia Z. Buell, Ph.D., Associate Professor

Vicki Byard, Ph.D., Professor

Alicia Erian, M.F.A., Assistant Professor

Chielozona Eze, Ph.D., Associate Professor

Emily Garcia, Ph.D., Associate Professor

Bradley Greenburg, Ph.D., Professor

Julie H. Kim, Ph.D., Professor

Kristen L. Over, Ph.D., Associate Professor

Ryan Poll, Ph.D., Advisor and Coordinator of Academic Initiatives

Timothy H. Scherman, Ph.D., Associate Professor

Christopher L. Schroeder, Ph.D., Professor

ENGL-101. Writing I. 3 Hours.

Specialized instruction and practice in beginning writing. Work in usage, grammar, style, paragraphs, and short essays.

Prerequisites: (ELP-120 or ELP-099 or NEIU English Placement Writing 7 - 9 or (Accuplacer WritePlacer 4 - 8 and Accuplacer Sentence Skills 095 - 120) or (Accuplacer WritePlacer 5 - 8 and Accuplacer Sentence Skills 020 - 120)).

ENGL-102. Writing II. 3 Hours.

Continuation of practice in composition with emphasis on a variety of forms of writing and long essays, culminating in the annotated research paper.

Prerequisite: (ENGL-101 or NEIU English Placement Writing 8 - 9).

ENGL-109A. First Year Experience:Chicago's Literary Diversity: Reading The Neighborhoods. 3 Hours.

This course explores how literary Chicago enters into discourses on race and ethnicity in twentieth century literature. Beginning with Great Migration, students sample literary history produced by people who settled or passed through Chicago. Writers have used Chicago as a setting for major works and sociological studies have attempted to focus on Chicago's neighborhoods and how they were formed as a result of immigration from other countries and migration from the American South. The course examines several works from popular perspectives, fiction, autobiography, journalism, humor, folktales, cultural criticism and regional studies to reach a better understanding of the city.

ENGL-109B. First Year Experience: Reading And Writing The Literary And Political Landscapes Of Chicago. 3 Hours.

From the Haymarket "riot" of 1886 to the Pullman Strike of 1894 to the Black Sox scandal of 1919 to the trial of Abbie Hoffman and the Chicago Seven in the aftermath of the Democratic Convention of 1968, Chicago has, to say the least, a colorful and quite literally, explosive political history. As with any major urban center in the United States, Chicago bears the historical scars and contemporary fruits of vibrant and violent class conflict, labor insurgencies, racial strife, immigrant struggles, and activism for social justice. Part and parcel of this historical legacy is a rich spate of cultural production that attempts to comprehend this past in those historical moments and in our contemporary era.

ENGL-109C. First Year Experience:Drama And Diversity In Chicago. 3 Hours.

In this class, we will analyze and experience Chicago theater. By emphasizing theater that challenges social cultural norms, we will consider how drama works to create and define diverse urban communities and how it offers alternative visions to the status quo. This class will emphasize writing and reading about drama, interviewing theater personnel and taking notes on actual theater performances, and relating art to social and political diversity. We will attend 3-4 performances during the course of the semester.

ENGL-109D. First Year Experience:Windy City Words: Ethnolinguistic Chicago. 3 Hours.

This course integrates the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-Discovery, and Transitions) with concepts from the study of literacy and language. Using the city as a field site, students actively explore the linguistic and cultural diversity of Chicago through independent research, readings, online resources, speakers, and other experiences.

ENGL-109E. First Year Experience: Your Chicago: Write On!. 3 Hours.

This course interweaves foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery, Transitions) with specific concepts of creative writing. Explore and experience Chicago's vibrant cultural scene while cultivating literary culture in class. Students study their local literary heritage reading, analyzing, and discussing works of classic and contemporary Chicago authors and attending and annotating literary readings at local bookstores and cafes; experimenting with a range of writing exercises, prompts, and assignments, students will craft their own stories, recognize their unique writing process, and learn techniques to revise and polish their prose, culminating in a student reading.

ENGL-200. Writing In Context. 3 Hours.

An intensive writing course with special focus to writing within designated thematic contexts. Students will read extensively about topics and write several short papers and one longer one. Students make take the course twice (6hrs. total) when conten changes.

Prerequisite: ENGL-101 minimum grade of D.

ENGL-201. The World Of Poetry. 3 Hours.

A literature course which has three main objectives: 1) to familiarize students with the literary conventions of poetry; 2) to develop in students a critical stance towards literature; and 3) to develop in students an appreciation of both western and non-western cultures as experienced through literature.

Prerequisite: ENGL-101 minimum grade of C.

ENGL-202. The World Of Drama. 3 Hours.

A literature course which has three main objectives: 1) to familiarize students with the literary conventions of drama; 2) to develop in students a critical stance towards literature; and 3) to develop in students an appreciation of both western and non-western cultures as experienced through literature.

Prerequisite: ENGL-101 minimum grade of C.

ENGL-203. The World Of Fiction. 3 Hours.

A literature course which has three main objectives: 1) to familiarize students with the literary conventions of the short story and novel genres; 2) to develop in students a critical stance towards literature; and 3) to develop in students an appreciation of both western and non-western cultures as experienced through literature.

Prerequisite: ENGL-101 minimum grade of C.

ENGL-205. Literatures And Literacies. 3 Hours.

This course is an introduction to the study of texts, as well as relevant historical, theoretical, and methodological contexts. It will also, as a general education course, assist students in developing the ability to communicate both in writing and speaking, the skills required to gather, analyze, document, and integrate information, an understanding of historical processes and cultural differences, aesthetic and literary sensitivity, and an understanding of the modes of thought, concerns and methodologies of the humanities and social/behavioral sciences.

Prerequisite: ENGL-101 minimum grade of C.

ENGL-210. Writing Intensive Program: Methods for English Majors. 3 Hours.

Writing Intensive course designed as first course for English majors. Provides practical foundation in the methods essential to English Studies: active reading, critical thinking, and purposeful writing. Skills such as note taking, quoting, using MLA style, summarizing arguments, and synthesizing and documenting others' opinions will be emphasized. Course will also explore multiple perspectives on controversial topics relevant to the discipline. Coursework develops strategies of effective critique, argument, and analysis, and will consist of informal writing, review essays, and thesis-driven analyses of rhetorical and literary texts. Open discussion and critical thinking required.

Prerequisites: ENGL-101 minimum grade of C and ENGL-102 minimum grade of C.

ENGL-218. American Literature:Beginnings To 1865. 3 Hours.

A course covering representative writing of the Colonial, Early National and Romantic periods in American literature, emphasizing both dominant and emergent themes and literary forms in each period where students will build the necessart cultural literacy for higher-level courses in American Literature.

ENGL-219. American Literature:1865 To The Present. 3 Hours.

A course covering representative writings of the Realist, Modern and Postmodern periods in American Literature, emphasizing both dominant and emergent themes and literary forms in each period. Here students will gain a broad background for higher-level courses in postbellum American Literature.

ENGL-220. Introduction To Shakespeare. 3 Hours.

Introduction to Shakespeare's dramatic art through a careful reading of seleceted tragedies, histories, comedies, and romances; designed primarily but not exclusively for the non-English major.

Prerequisite: (ENGL-101 or NEIU English Placement Writing 8 - 9).

ENGL-221. English Literature:The Beginnings To C. 1750. 3 Hours.

Representative works in English literature from Beowulf to the middle of the eighteenth century.

ENGL-222. English Literature: C. 1750 To The Present. 3 Hours.

Representative works in English literature from the middle of the eighteenth century to the modern era.

ENGL-235. Introduction To Creative Writing I. 3 Hours.

Preliminary study to enable students to develop positive approaches to the craft of writing and to explore techniques of the craft.

ENGL-236. Introduction To Creative Writing II. 3 Hours.

Techniques aimed at exploring desciplines of various forms of writing.

ENGL-240A. Elements Of Style For Creative Writers. 3 Hours.

The course provides a workshop setting in which students receive instruction in basic elements of grammar and style with particular relevance to their practice in creative writing.

Prerequisite: ENGL-101 minimum grade of C.

ENGL-300. Russian Literature: From Gogol To Chekhov. 3 Hours.

Works (primarily novels, novellas and stories) of the major figures in nineteenth-century Russian literature (Turgenev, Tolstoi, Dostoyevski, etc.), relating them to the social, political and religious issues they touched on.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-301. Independent Study In English. 1 Hour.

An independent study on the tutorial model, initiated at the student's suggestion to an instructor; course content designed in consultation with the instructor.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-302. Love In Western Literature. 3 Hours.

The various attitudes toward love, including sexual and family relationships, as depicted in the literature of different ages and cultures with emphasis on the changing social, ethical and religious context of these views.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-303. Contemporary Gay And Lesbian Literature: Exploring Layers Of Difference. 3 Hours.

This course explores the impact of gay, lesbian, bisexual and tran-gendered literature on contemporary culture. We will take a multicultural approach that recognizes the importance of sexual identity to late twentieth-century fiction and the ways such fiction affects and is affected by art, politics, entertainment, the law, and other notions of identity, such as race, class, and gender. This course will emphasize close reading of fiction, the ability to write clearly and analytically about literature, and a careful analysis of the role literature plays in our everyday lives.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-307. Medieval Studies- The Development Of The Arthurian Legend. 3 Hours.

The legend of King Arthur from allusions in early chronicles, through Welsh folk tales, through the courtly versions of twelfth-century France to the compilation by Sir Thomas Malory.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-308. English Literature From Beowulf To Malory. 3 Hours.

A survey of English Medieval literature that, in dealing with major works (e.g. Beowulf, The Canterbury Tales, Morte D'Arthur, etc.), situates them in the relevant political and linguistic contexts, as well as the literary context of competing "minor" works and genres.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-309. Reading & Writing In A Changing Digital Economy. 3 Hours.

Through hands on experience and theoretical and rhetorical analyses, students will explore processes and issues with writing and reading in digital environments. Topics include connecting visuality with the written word, exploring online textual identities, collaboration and intellectual property, and web design, with an emphasis on how writing in digital environments impacts English studies. Students will produce a variety of non-traditional and traditional academic texts in this course, using current presentation, web-based or freeware programs. The class is open to students who are new to digital writing but will also benefit those with experience in composing New Media and digital texts.

ENGL-310. Writing Intensive Program:Introduction To Composition Studies. 3 Hours.

Examines some contemporary issues in composition studies, such as process theory, the role of grammar in writing instruction, digital and visual literacies, and scholarly considerations of writers' subjectivities. Introduces the discipline's modes of inquiry: theory, empirical research, and practice. Provides instruction in professional resources and bibliographic databases so that students can become independent learners in the discipline. Written assignments include responses to readings and a literature review. This course fulfills the NEIU Writing Intensive requirement for Secondary Education English majors and for English majors who as transfer students may have already taken a course comparable to ENGL-210.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-311. Introduction To Cultural Studies. 3 Hours.

This course introduces students to the theoretical debates and interpretative strategies of cultural studies. Using an interdisciplinary approach, this course explores how culture is produced, distributed, consumed, and responded to in diverse, contradictory ways. Cultural forms analyzed will include movies, comics, television, photography, music, fan fiction, and video games.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-312. Literature Of Colonial Times. 3 Hours.

Prose and poetry of the Puritan and Revolutionary eras.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-313. American Literary Renaissance-1830-1860. 3 Hours.

Prose and poetry of Hawthorne, Melville, Emerson, Thoreau, Whitman, Dickinson, and others.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-314. Chaucer And His Age. 3 Hours.

Close study of selected early poems of Chaucer (ballads, envoys, and narratives), to present and introduction to the language and themes of Chaucer's poetry and his age. The major portion of the course will be devoted to a close reading of *The Canterbury Tales* in the original Middle English.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-315. Literature Of The English Renaissance. 3 Hours.

Prose and poetry (not drama) of the English Renaissance in the sixteenth century.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-316. Forms Of Poetry. 3 Hours.

This course will examine some of the traditional poetic forms-lyric, narrative, and dramatic- which have been used by poets throughout literary history. Readings and discussion will engage students in an analysis of each form- its technical characteristics, its place in literary history, and its relevance to contemporary writers and readers of poetry. Students will write imitations of several poetic forms as well as critical essays about them.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-317. Modern American Drama. 3 Hours.

Major lines of development of modern American Drama from O'Neill to contemporaries like Albee and Mamet.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-318M. Readings In American Literature:Poe, Hawthorne, Melville. 3 Hours.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-320. Globalizing Literacies. 3 Hours.

This course presents textual circulation as trade in cultural practices throughout early modern or protoglobalization (1600-1800) when European traditions were exported to the United States that, after being established through cultural syncretism, were exported to the rest of the world throughout the first (1870-1914) and second (1980-present) globalization periods. From these perspectives, students will examine central themes in textual production and consumption, such as the development of an American literary tradition and Americanization educational initiatives through particular genres, such as newspapers and magazines, as a part of a nationalized cultural identity, including ways this identity has been resisted and reconfigured.

ENGL-321. Literature Of The Romantic Movement. 3 Hours.

Poetry and prose from 1780 to 1830 including Blake, Burns, Wordsworth, Coleridge, Byron, Shelley, Keats, Lamb, Hazlitt, and DeQuincey.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-322. The American Short Story. 3 Hours.

The evolution of the American short story as a self-conscious form of literature from Washington Irving to Joyce Carol Oates. The theories of Romanticism, Realism, Naturalism are illustrated. Each student selects one writer of short stories to explore in some depth through an individual report.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-323. Shaw And Modern British Drama. 3 Hours.

Shaw's development as a playwright as well as significant movements in British drama since the 1890's, including the Irish Renaissance, recent poetic drama and the "angry young men."

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-324. The Romantic Novel. 3 Hours.

The nineteenth century novelists from England and the Continent are studied against the great socio-political movements of the age- the French, Russian and Industrial Revolutions.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-325A. Readings In World Literature: Women Writers. 3 Hours.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-325C. Readings In World Literature: Classical Literature. 3 Hours.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-325L. Readings In World Literature:The Detective In Film. 3 Hours.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-325U. Readings In World Literature:Modern Fiction. 3 Hours.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-326. Readings In World Literature. 3 Hours.

Intensive study of fiction and poetry representative of literary movements, historical periods, and various cultures from ancient to modern times.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-328. Seventeenth Century Literature. 3 Hours.

Studies in seventeenth century literature exclusive of Milton.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-329. Milton. 3 Hours.

Milton's work and the intellectual milieu of the period.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-330. Shakespeare: Comedies And Romances. 3 Hours.

Shakespeare's comic writing, from *The Comedy of Errors*, through the romantic comedies and problem comedies to the late romances.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-331. Shakespeare: Tragedies. 3 Hours.

Shakespeare's tragic works from early experiments in tragedy, e.g., *Romeo and Juliet*, *Richard III*, to the great achievements in tragedy, e.g. *Hamlet*, *Lear*, *Macbeth*.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-332. Elizabethan And Jacobean Drama. 3 Hours.

Major dramatists, excluding Shakespeare, in Elizabethan and Jacobean drama, 1550 to 1642, including Kyd Marlowe, Webster, Jonson, Beaumont and Fletcher from the origin of professional and court drama to the closing of the theatres.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-333. Mythological Backgrounds Of English And American Literature. 3 Hours.

Middle-Eastern, Nordic and Graeco-Roman mythological systems; reading in archetypal interpretation of literature with representative illustrations from fiction, drama and poetry.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-334. Biblical Backgrounds Of English And American Literature. 3 Hours.

Influence of the Bible, especially the King James version, on the style and content of famous English and American writers. Selected reading from Old and New Testaments and from writers influenced by them.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-335. Written Communications For Business. 3 Hours.

Designed primarily for Business and Management majors covering principles and practices of writing required in professional work.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-337. Nobel Laureates. 3 Hours.

Nobel prize winners, 1901 to the present.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-338. The Literature Of Japan. 3 Hours.

An introduction to contemporary Japanese literature.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-340. Independent Study In English. 2 Hours.

An independent study on the tutorial model, initiated at the student's suggestion to an instructor; course content designed in consultation with the instructor.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-341. Restoration And Eighteenth Century Literature I. 3 Hours.

Politics in England leading to the restoration of Charles II; his court; Restoration playwrights; the bawdy Restoration stage and reaction to it; the new sentimental drama; the newspaper and the essay.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-342. Restoration And Eighteenth Century Literature II. 3 Hours.

Intensive study of contrasts in the Age of Enlightenment; interrelationship of politics and writers; neoclassic literature; beginning of the novel; eighteenth century criticism and biography.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-345. Practical Criticism. 3 Hours.

Introduction to some of the more important critical approaches to literature, emphasis on application as well as theory.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-348. Prose And Poetry Of The Victorian Age. 3 Hours.

Selected Victorian poetry, with consideration of the social background of the period (1837-1910).

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-350. The Victorian Novel. 3 Hours.

A study of the development of the novel in England from Dickens to Hardy, seen against the contemporary social and literary background. Theme and technique of the novel, methods of publication, major and minor writers.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-351. The English Novel Of The Eighteenth Century. 3 Hours.

The development of the English novel as a genre in the eighteenth century, including such precursors of the novel as Bunyan, Defoe, Lyly and Behn.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-352. Jewish-American Literature: People Of The Books. 3 Hours.

This course studies how the United States shapes the meaning of Jewish identity and culture, and conversely, how Jewish literature helps shape the meaning of American identity and culture. Working in a range of forms from comic books to genre fiction, Jewish writers throughout the modern era creatively and critically interrogate and re-imagine what it means to be Jewish-American, and more broadly, investigate and challenge what it means to be American.

ENGL-355. The Production Of "America": Work, Class, & Political Economy In U.S. Literature & Culture. 3 Hours.

This class will explore U.S. literature and culture with an eye toward understanding the material conditions of production in the United States, particularly as represented in literary and cultural works, as well as how national identity is ideologically produced in U.S. culture. The class will foreground issues of class and political economy in reading literature and culture from a working-class perspective.

Requirement: English 101 with a C or better, and two of the following: ENGL-210, ENGL-218, ENGL-219, ENGL-221, or ENGL-222

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-356A. Graphic Novels And Comics. 3 Hours.

This course studies comics as a complex medium that offers new ways to think about and represent a range of social and cultural issues, such as gender, sexuality, race, ethnicity, class, national belonging, and the environment. Students will learn the critical vocabulary necessary to understand how the medium works, and read diverse comics in various historical and geographical contexts.

ENGL-357. Land, Labor, & Literature: Studying The Works Of U.S. Working-Class & Colonized Writers. 3 Hours.

We will study the representations of land and labor and the desire to reclaim them in the works of working-class and colonized writers in the U.S. Particular attention will be paid to the historical and cultural contexts in which texts are produced as well as theories of class and race.

ENGL-359. Independent Study In English. 3 Hours.

An independent study on the tutorial model, initiated at the student's suggestion to an instructor; course content designed in consultation with the instructor.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-360. Detective Fiction. 3 Hours.

Literary and historical study of the detective story- from Poe and Sherlock Holmes- to Hammett and the present.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-361. Development Of The American Novel. 3 Hours.

The novel as a developing form from Charles Brockden Brown to William Faulkner and beyond.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-362. United States Fiction: Traditions And Counter-Traditions. 3 Hours.

A study of canonical and non-canonical fiction in the United States and the varieties of traditions composing U.S. literary history.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-364. Reading Film. 3 Hours.

A course in film emphasizing methods of reading films as we would texts. Through close viewing, critical analysis of narrative structure, attention to visual form and representational practice, students will explore the complexity of film beyond the level of "entertainment." To paraphrase a famous question asked about poetry, this course will explore "how a film means.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-365. Caribbean Literature. 3 Hours.

This course will introduce students to literature (poetry, fiction, non-fiction, and drama) of the Caribbean in its his historical, political, social, and cultural contexts. Students will discuss such issues as cultural and racial hybridity, immigration/emigration/exile, and post-colonization, among others. Students will read representative texts from a diverse range of authors such as Jean Rhys, V.S. Naipaul, Earl Lovelace, Edwidge Danticat, and Junot Díaz.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-366. Midwestern Literature. 3 Hours.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-367. Re-Thinking Race And Gender. 3 Hours.

This intensive summer course runs for ten days over three weeks. It takes up history critically to engage in a concentrated re-thinking of how we learn to see, identify, and inhabit issues of race and gender. Workshops, lectures, and sessions with invited guests will unpack structures and relations of race and gender and the ways they get naturalized. The course is designed for graduates, undergraduates, and teachers, and is cross-listed in the Graduate College and the College of Arts and Sciences. Prereqs: Graduate status or Junior/Senior status in English, Philosophy, Political Science, Sociology, WGS, AFAM, or LGBTQ.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-368. American Realism. 3 Hours.

An examination of the literature that reflects the movement from American romanticism to realism and through realism to literary naturalism, approximately 1865-1910.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-369. U.S. Latino/a Literature And Culture. 3 Hours.

This course introduces students to Latino/a literatures in the US from the contact period to the present. It offers an overview of major forms and themes in literature from Latino/a native, immigrant and exiled writers with in-depth analysis of representative texts from various genres including essays, novels, poetry and drama. Writers will include Latino/as of North American, Central American, South American and Caribbean descent. The course is taught in English with readings in original English or translation. Readings, assignments, instruction and discussion will focus on questions of aesthetics, culture, politics and history, with an added emphasis on inclusion of under-represented groups and intercultural connections.

ENGL-370. Folklore And The Fairy Tale. 3 Hours.

Readings from both traditional and contemporary folktales, including modern adaptations of traditional stories. Emphasis on similarities in different tales, and the differences in similar ones, with the aim of learning how the same elements pervade the archetypal stories and how variations in detail bespeak different ethnic and cultural interests and concerns.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-371. Studies In Women's Literature. 3 Hours.

Literature by or about women; includes writing by women, portrayals of female characters, attitudes toward women and women's roles; other thematic concerns.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-372. American Women Writers Of The Nineteenth Century. 3 Hours.

Comprehensive study of texts and contexts of women's writing in the US during the nineteenth century, including the origins of its feminist tradition. Texts include a variety of genres (novel, short story, lecture, travel narrative) and traditions (sentimental, romantic, realist, political, utopian). Special emphasis on the social, political, economic and legal forces bearing upon women as professional writers along with the ways women's fiction articulates the realities of nineteenth-century women's lives. Assignments include close reading of individual texts and a more comprehensive final project involving primary research.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-373. Yiddish Literature In Translation. 3 Hours.

Yiddish literature from its beginning to the present from Eastern European and West Germany to the East Side and West Roosevelt Road.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-374A. Hybrid-form Writing. 3 Hours.

This course examines models related to and provides tools for the production of Hybrid-form Writing (writing in and across multiple genres/forms). Hybrid-form work takes place at both the discrete level (individual, usually long-form pieces) and the manuscript level (a book-length project that relies on multiple forms). The emphasis is on long-form/extended projects, which must be rooted in a considered line of inquiry. This inquiry happens at multiple stages and levels: students experiment with different forms, students engage in pre-writing to conceive of projects, and students consider how form affects content/why certain forms might be culturally or personally privileged.

Prerequisites: ENGL-235 minimum grade of C and (ENGL-384 minimum grade of C or ENGL-386 minimum grade of C).

ENGL-375. Essentials Of Tutoring Writing. 3 Hours.

This class considers the larger theoretical debates important to composition studies today and the practical aspects of writing tutorials. Students will read contemporary writing theory and apply this knowledge in work with small groups of undergraduate writers, helping them to create ideas, draft and revise essays, and edit their work. To succeed in this class, students need to be strong writers and collaborators and to have an interest in the practice and politics of writing.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-376. Advanced Composition. 3 Hours.

Interdependence of rhetoric, grammar, logic, semantics, psychology, and criticism in communication of ideas; practice in various types of writing with focus on students' interest; designed for future teachers of composition.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-377. Argumentative Prose. 3 Hours.

An advanced course in which students will learn to write argumentative essays on a wide range of subjects, using as models for discussion the argumentative prose of professional writers. The course will cover many aspects of argumentative writing, including the study of inductive and deductive reasoning and logical fallacies and the analysis of organizational and stylistic techniques.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-378. Twentieth Century Fiction I. 3 Hours.

Development of the modern novel from Conrad to writers of the 1930s and 1940s against a background of historical and literary movements; emphasis on Conrad, James, Joyce, Lawrence, Faulkner and Hemingway.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-379. Twentieth Century Fiction II. 3 Hours.

Development of the novel in English in recent decades against a background of historical and literary movements; includes work of West, Green, Lowry, Durrell, Bellow, Nabokov, Burgess, Barth, Lessing, Murdoch, Mailer, Updike and Pynchon.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-380. Multi-Cultural Literature In America. 3 Hours.

Designed for future teachers of English, the multi-genre course provides students with an awareness of representative literature from the various ethnic cultures that are a part of American Life.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-381. African-American Literature. 3 Hours.

A survey of African-American Literature in its social, cultural, and political context, beginning with Phyllis Wheatly, continuing through the slave narratives of the pre-Civil War era to the masterpieces of the Harlem Renaissance and the works of contemporary writers, such as James Baldwin, Toni Morrison, Ishmael Reed, Alice Walker, August Wilson and Gwendolyn Brooks.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-382. Chicano/A Literature. 3 Hours.

In the mid-1960s a literature developed written by authors of Mexican heritage residing permanently in the United States and further identifiable as "Chicano" in that it coincided with the civil rights struggle by and for that group in the same period-the Chicano Movement. Certainly people of Mexican extraction living in the United States produced literary works prior to the 1960s. Chicano Literature, however, as most people use the term, is that which is associated with a new consciousness of political, social and cultural identity linked to the Chicano Movement. This course will study the emergence and development of this literature in relation to the historical conditions that gave rise to it and in relation to the development of Chicago/a cultural national identity underwriting the literature. Moreover, as the literature has continued to develop since the 1960s, we will explore the evolution of the literature with a particular focus on how the literature has taken part in a larger cultural contestation over and redefinition of the content of Chicano/a identity and politics, particularly from feminist and gay and lesbian perspectives. Students must have as a prerequisite for this course at least ENGL-101.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-383. Postcolonial African Literature. 3 Hours.

A survey of African literature in its cultural, historical, social and political contexts. Africa is a continent of diverse peoples, cultures, languages, customs, food, economies, experiences of colonialism/imperialism and so on. With such diversity of daily life and historical and cultural experiences comes a wealth of literature; oral literature, drama, poetry, short stories and novels. This course will cover diverse authors such as Chinua Achebe, Wole Soyinka, Zakes Mda, Nuruddin Farah, Buchi Emecheta, Tsitsi Dangarembga, etc.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-384. Creative Writing: Poetry I. 3 Hours.

Students write poetry which is discussed and critiqued in class by instructor and students.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-385. Creative Writing: Poetry II. 3 Hours.

Students write poetry which is discussed and critiqued in class by instructor and students.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-386. Creative Writing: Fiction I. 3 Hours.

Students write prose poetry which is discussed and critiqued in class by instructor and students.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-387. Creative Writing: Fiction II. 3 Hours.

Students write prose poetry which is discussed and critiqued in class by instructor and students.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-388. Modern British And American Poetry. 3 Hours.

Introduction to modern poetry in English: its origins, dominant themes, and characteristic techniques.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-389. Contemporary Poetry. 3 Hours.

A survey of poetry in English from 1950 to the present. This course will examine the major themes and techniques of poets writing during the period.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-390. Young Adult Novel. 3 Hours.

Advanced study in literature for young adults, grades 7-10. Evaluation and selection of recent books in the area as well as the history of the genre. Criteria for selection: Book lists, indexes, professional literature in the field. Individual work on problem of special interest.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-391. Children's Literature. 3 Hours.

Preparation for effective teaching of literature in the elementary school; wide reading of books for young children; story selection and story telling; authors and illustrators of children's books; classroom methods of stimulating creative expression; individual and group reading guidance.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-393. Literature Live: Studying The Works Of NEIU Visiting Writers. 3 Hours.

Each year the university runs a Visiting Writers Series. In this course, students will study the works of these writers, who will be coming to campus and with whom they will have a chance to engage, with an eye toward understanding and exploring the subtleties of craft to assist in their own creative writing as well as developing the skills of literary analysis. Students will be expected to attend a certain number of public readings in the series.

Prerequisite: ENGL-101 minimum grade of C.

ENGL-394. Writing The Personal Essay. 3 Hours.

In this course students will write in the creative non-fiction genre of the personal essay. This will involve work on techniques and approaches in a workshop setting, as well as critiques of other students' work. This course will also explore the personal essay as a literary form through readings of classic and recent examples.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-3941. Creative Writing Internship. 1 Hour.

This is a supervised field experience in a profession that utilizes creative writing (magazine or book publishing, journalism, advertising, arts non-profit, etc). With the approval of the department chair, students may enroll for academic credit from 1-6 hours. In consultation with a faculty advisor and field supervisor, the student will contract field service hours and create an individualized work plan. Students will also meet regularly with the faculty advisor and be evaluated qualitatively and quantitatively for a final grade. By department permission only.

Prerequisites: ENGL-235 minimum grade of C and (ENGL-384 minimum grade of C or ENGL-386 minimum grade of C) and (ENGL-385 minimum grade of C or ENGL-387 minimum grade of C or ENGL-374 minimum grade of C).

ENGL-3942. Creative Writing Internship. 2 Hours.

This is a supervised field experience in a profession that utilizes creative writing (magazine or book publishing, journalism, advertising, arts non-profit, etc). With the approval of the department chair, students may enroll for academic credit from 1-6 hours. In consultation with a faculty advisor and field supervisor, the student will contract field service hours and create an individualized work plan. Students will also meet regularly with the faculty advisor and be evaluated qualitatively and quantitatively for a final grade. By department permission only.

Prerequisites: ENGL-235 minimum grade of C and (ENGL-384 minimum grade of C or ENGL-386 minimum grade of C) and (ENGL-385 minimum grade of C or ENGL-387 minimum grade of C or ENGL-374 minimum grade of C).

ENGL-3943. Creative Writing Internship. 3 Hours.

This is a supervised field experience in a profession that utilizes creative writing (magazine or book publishing, journalism, advertising, arts non-profit, etc). With the approval of the department chair, students may enroll for academic credit from 1-6 hours. In consultation with a faculty advisor and field supervisor, the student will contract field service hours and create an individualized work plan. Students will also meet regularly with the faculty advisor and be evaluated qualitatively and quantitatively for a final grade. By department permission only.

Prerequisites: ENGL-235 minimum grade of C and (ENGL-384 minimum grade of C or ENGL-386 minimum grade of C) and (ENGL-385 minimum grade of C or ENGL-387 minimum grade of C or ENGL-374 minimum grade of C).

ENGL-3944. Creative Writing Internship. 4 Hours.

This is a supervised field experience in a profession that utilizes creative writing (magazine or book publishing, journalism, advertising, arts non-profit, etc). With the approval of the department chair, students may enroll for academic credit from 1-6 hours. In consultation with a faculty advisor and field supervisor, the student will contract field service hours and create an individualized work plan. Students will also meet regularly with the faculty advisor and be evaluated qualitatively and quantitatively for a final grade. By department permission only.

Prerequisites: ENGL-235 minimum grade of C and (ENGL-384 minimum grade of C or ENGL-386 minimum grade of C) and (ENGL-385 minimum grade of C or ENGL-387 minimum grade of C or ENGL-374 minimum grade of C).

ENGL-3945. Creative Writing Internship. 5 Hours.

This is a supervised field experience in a profession that utilizes creative writing (magazine or book publishing, journalism, advertising, arts non-profit, etc). With the approval of the department chair, students may enroll for academic credit from 1-6 hours. In consultation with a faculty advisor and field supervisor, the student will contract field service hours and create an individualized work plan. Students will also meet regularly with the faculty advisor and be evaluated qualitatively and quantitatively for a final grade. By department permission only.

Prerequisites: ENGL-235 minimum grade of C and (ENGL-384 minimum grade of C or ENGL-386 minimum grade of C) and (ENGL-385 minimum grade of C or ENGL-387 minimum grade of C or ENGL-374 minimum grade of C).

ENGL-3946. Creative Writing Internship. 6 Hours.

This is a supervised field experience in a profession that utilizes creative writing (magazine or book publishing, journalism, advertising, arts non-profit, etc). With the approval of the department chair, students may enroll for academic credit from 1-6 hours. In consultation with a faculty advisor and field supervisor, the student will contract field service hours and create an individualized work plan. Students will also meet regularly with the faculty advisor and be evaluated qualitatively and quantitatively for a final grade. By department permission only.

Prerequisites: ENGL-235 minimum grade of C and (ENGL-384 minimum grade of C or ENGL-386 minimum grade of C) and (ENGL-385 minimum grade of C or ENGL-387 minimum grade of C or ENGL-374 minimum grade of C).

ENGL-395. The Craft Of The Short Story. 3 Hours.

In this course students will combine the study of the form of the short story with writing short stories. Readings will include classical and contemporary works from across many countries and traditions. Emphasis will be on studying texts and working on craft in workshops.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-396. Screenwriting: The Short Script. 3 Hours.

This is a workshop course in screenwriting, concentrating on producing a short script. Students will study the particular form and conventions, as well as the specific format, of writing a screenplay. Readings will include exemplary screenplays in several genres, as well as essays on the philosophy and technique of screen writing. In workshop students will produce a short script.

ENGL-397. Summer Creative Writing Institute. 3 Hours.

Offered only in summer as an intensive course that runs for most of a day over two to three weeks. Specializing in either fiction or poetry, students participate in workshops as well as sessions with invited speakers with subjects such as: craft of poetry and short fiction, women's poetry, the profession of writing and publishing, how to get published, and the MFA. The emphasis is on an intense workshop experience and an atmosphere of constructive critique leading to the production of a significant portfolio of writing.

Prerequisites: ENGL-102 and ENGL-210 - 236.

ENGL-409A. Writing In Public: Community Literacies, Public Intellectuals, And Rhetorics Of Change. 3 Hours.

This course looks at "public" writing and teaching in the work of marginalized communities, social movements, and public intellectuals. The primary goal is to understand writing as a contested, political act that can influence the public sphere but can also serve as a tool for oppression and control. This course is appropriate for students interested in theories and the teaching of writing and for students interested in critical and community education.

Requirement: At least six credits in the English MA program or by consent of instructor.

ENGL-410. Literary Methods And Practice. 3 Hours.

A foundation course that will build on existing skills and prepare for further graduate-level studies, with a goal of contextualizing and conceptualizing critical attitudes and approaches to literary text. Its aim is to provide advanced critical and scholarly tools for understanding literature and will address criticism and critical method, close reading and analysis and bibliographical and research technique. Required in the first year of study in the Literature Concentration.

ENGL-415. Medieval Literature: Ricardian Poetry. 3 Hours.

This course focuses on the prolific literary production associated with the reign in England of Richard II (1377-1399), including the works of Chaucer, Gower, Langland, the Gawain poet, Julian of Norwich, and others. Using various approaches, course will investigate the period's innovation, its relation to British literary tradition and to 14th - 15th-century historical change.

ENGL-418. Studies In Shakespeare. 3 Hours.

Advanced study of Shakespeare's work, organized by theme. This course will explore a number plays grouped together by an organizing principle (such as "Shakespeare and History," "Shakespeare and the Other," "The Roman Plays," "Romance"). These works will also be placed in their historical context, paying close attention to genre, structure, and language. Students will also study theoretical approaches to Shakespeare's work in reading of contemporary critical works.

ENGL-419. Elizabethan And Jacobean Drama. 3 Hours.

Exploration of English dramatic works from circa 1580-1642, including Marlowe, Greene, Middleton, Marston, Dekker, Jonson, Webster, and Beaumont. This course will pay particular attention to genres that dominate outside the Shakespeare canon (revenge tragedy, city comedy, tragicomedy), as well as detailing the social, cultural, and intellectual developments that characterize this golden age of English stagecraft.

ENGL-420. Teaching Shakespeare. 3 Hours.

This intensive summer course focuses on the teaching of Shakespeare's drama. In order to develop methods for teaching these plays at all levels we will study a few selected plays along with secondary literature. Moving from close textual analysis to a workshop will allow students to work on practical approaches to teaching the plays at the level of plot, characterization, theme, genre, performance, and more. Course material will be expanded with the help of documentaries, films, small group workshops, and guest faculty. Prerequisite: MA or at-large status. Or Permission of Instructor.

ENGL-421. The Metaphysical Poets. 3 Hours.

The metaphysical tradition in seventeenth century poetry and its impact on modern poetry, including works of Donne, Herbert, Crashaw, Vaughan and Traherne and critical studies of Johnson, Grierson, Eliot, Leavis, Williamson and others.

ENGL-422. Milton. 3 Hours.

Study of a turbulent and exciting "century of revolutions" by concentrating on the figure most associated with seventeenth-century English literature, John Milton. We will read all of his major poetry as well as some significant prose writings. We will also attempt to contextualize Milton in his period by studying other major figures such as Ben Jonson, Andrew Marvell, and John Bunyan.

ENGL-426. Seminar In Romantic Literature. 3 Hours.

Advanced study of the major poets of the Romantic period, involving oral reports, and culminating in a term paper.

ENGL-428. The English Novel. 3 Hours.

Study of the English novel from its origins in the 18th century "Rise of the Novel" tradition, through Gothic/Romantic and Victorian Fiction, to Modernism and Post-Modernism. Individual readings may vary, but students are likely to read works by Defoe, Bronte, Woolf, Lawrence, Conrad, etc.

ENGL-429. Writing Across The Curriculum. 3 Hours.

Through class discussion and activities, textual analyses and inquiry-based research assignments, this class explores connections between writing and the creation and representation of knowledge within academic disciplines. Topics include defining what counts as appropriate evidence in various fields, and the role of English departments in writing in the disciplines pedagogy. Though not intended to be guided instruction in the mechanics of writing, students will gain deeper insight into what counts as quality writing in their disciplines, so in addition to MA Composition graduate students, this course is open to graduate students in other fields with written permission by the instructor.

ENGL-430. Studies In Literary Criticism. 3 Hours.

A study of some of the central problems and issues of contemporary criticism, as exemplified by the writings of major theorists.

ENGL-431. Bibliography And Research In English. 3 Hours.

Material, methods, and tools of literary research; use of libraries; preparation of scholarly papers.

ENGL-432. Alternative Literacies. 3 Hours.

This course will explore literacy theories within and beyond composition studies by considering competing models of literacy and the cultural dimensions of writings, such as economic class or multilingualism, as well as the implications of these for the practice of writing and writing instruction.

ENGL-433. Seminar In Composition Theory. 3 Hours.

This course includes an extensive examination of current composition methodologies with emphasis upon the eclectic needs of the composition student.

ENGL-434. Seminar In Basic Writing Theory. 3 Hours.

A survey of types of students in basic writing classes, a review of placement tests for identifying levels of writing competency, and a careful examination of various basic writing methodologies.

ENGL-435. Writing Assessment: Theory And Practice. 3 Hours.

Theoretical background on evaluating student writing, as well as practical training in how to diagnose and remediate problems with grammar and content at the secondary and college level.

ENGL-436. Rhetorics Of Composition. 3 Hours.

This course will provide students with a background in Classical Rhetoric and then examine how the conventions of Classical Rhetoric have been translated or transformed into rhetorics of composition, such as Expressionistic Rhetoric, Cognitive Rhetoric, Epistemic Rhetoric and Social Construct Rhetoric.

ENGL-437. English Studies And Technology. 3 Hours.

Many scholars in English argue that the computer is radically revising the way we read and write texts. Using sources from literary and rhetorical studies, this class will consider how computer technology is contributing to new notions of the author, text, and audience as well as to the ways computers affect students' reading and writing.

ENGL-438. Research In Composition. 3 Hours.

Materials and methods for library research in composition theory; preparation of scholarly work on composition; research designs and measurement techniques for qualitative and quantitative studies in composition.

ENGL-439. Stylistics. 3 Hours.

Examination of the historical relationship of style to rhetoric; techniques for improving prose style; aspects of style as a part of writing evaluation.

ENGL-440. Malory. 3 Hours.

Examination of Sir Thomas Malory's *Morte D'Arthur* concentrating on structure and interpretation, while considering current controversies over authorship and the state of the text; attention to the position of the work in the development of the Arthurian legend and in the context of the fifteenth century.

ENGL-456. William Blake. 3 Hours.

Intensive study of the works of Blake, noting the religious, political and social beliefs, opinions and doctrines his works evaluate and challenge.

ENGL-457. The Poetry And Prose Of Shelley. 3 Hours.

An intensive study of the poetry and prose works of Shelley in the light of his social, religious, and political milieu and with the aid of pertinent scholarship regarding the poet.

ENGL-458. Troilus And Criseyde. 3 Hours.

Study of the development of the legend of Troilus from a brief mention in *The Iliad* through the dramatic treatment in 12th century chronicles and Boccaccio's great romance to Chaucer's major verse 'novel' and Shakespeare's enigmatic drama.

ENGL-459. Dante. 3 Hours.

Study of the poetry (in translation) of the major Italian poet of the Middle Ages and Renaissance concentrating on the *Vita Nuova* and the *Divine Comedy* with consideration of the theological, philosophical and cultural sources of Dante's work.

ENGL-461. Dostoyevski: The Major Works. 3 Hours.

Dostoyevski's major works (such as *Notes from the Underground*, *Crime and Punishment*, *The Idiot*, *The Brothers Karamazov*) in relation to the social, political and religious issues which concerned the writer.

ENGL-466. American Renaissance Revisited. 3 Hours.

A critical study of mid-19th century U.S. literature that explores the writers identified with the "American Renaissance" and their relationship to other important literary developments such as the slave narrative and women's domestic fiction.

ENGL-467. The Age Of Literary Realism In The United States. 3 Hours.

A study of U.S. literary realism, the cultural and socio-historical conditions of its emergence, and its relation to other later 19th century literary genres such as sentimentalism and naturalism. Authors might include Twain, Howells, James, Chesnut, Wharton, Dreiser, Chopin, and others.

ENGL-468. U.S. Literary Modernism & Its Others. 3 Hours.

A study of literary developments in the United States from the early 20th century to the Cold War, focusing on the rise of modernism, proletarian literature, literature of the Harlem Renaissance, and other important bodies of literature.

ENGL-469. Seminar In Southern Literature. 3 Hours.

Intensive reading of twentieth-century Southern literature exclusive of Faulkner with emphasis on the sociological and psychological aspects of the literature as they mirror in America's South.

ENGL-470. Seminar In Faulkner. 3 Hours.

Intensive reading of the short fiction and novels of William Faulkner with specific attention on his development as a novelist and his place among twentieth century American authors.

ENGL-471. Studies In The American Novel. 3 Hours.

A study of major developments in the U.S. novel, this course might feature a variety of foci, including the rise of the novel in America, particularly literary periods or genres, key moments of transition in U.S. literary history, or other key evolutions in novelistic practice in the United States.

ENGL-474. Seminar In Byron. 3 Hours.

Close examination of the poetic canon of Lord Byron.

ENGL-475. Seminar In Keats. 3 Hours.

Close examination of the poetic canon of John Keats.

ENGL-476. Oil Fictions: Reading Along The Transnational Pipeline. 3 Hours.

This course brings together multiple literary genres and cultural forms to study diverse voices along the transnational oil pipelines, from privileged subjects whose desires, values, and lifestyles are enabled by mass oil consumption, to the communities and geographies that suffer the consequences of this oil dependency, social relations typically rendered invisible and inaudible by the dominant forms of globalization.

ENGL-477. Producing "America": Issues Of Work, Class, And Political Economy In U.S. Literature And Culture. 3 Hours.

This course will focus on literary and cultural works that represent the material conditions of production in the United States as well as on the way we ideologically produce American identity and culture in ways that obscure or make visible the work people do to make our material lives possible. The class will foreground issues of class and political economy in reading literature and culture from a working-class perspective.

Requirements: Admission to an English MA program or consent of instructor.

ENGL-480. Ethnic Literatures. 3 Hours.

A study of "ethnic," "minority," and U.S. Third World literatures, of the conditions of their emergence as literary formations in relation to cultural, social, and literary developments, and of their relationship to racial and ethnic studies.

ENGL-481. Latin American Literature. 3 Hours.

This course explores major works in Latin American literature across various genres (novel, drama, poetry). The rich pre-colonial, colonial, and post-colonial periods will be studied through works which represent the struggles of different people from different classes, with differing origins, and who hold disparate religious beliefs in this large and diverse region.

ENGL-482. Contemporary Poetic Forms. 3 Hours.

A study of the diverse poetic forms emerging in American poetry since the 1960's- free verse, new formalism, and many experimental forms- as well as the hands-on experience of writing in these forms.

ENGL-483. Postcolonial Literature. 3 Hours.

This course studies literary works produced by or about peoples who have been colonized by European imperial powers. It situates these literatures within the philosophical frameworks that informed European imperial hegemonies as well as the colonized people's responses to them. While we will draw theoretical examples from every part of the world, our literary readings in this class will concentrate mainly on the literatures of Africa and Asia and their diasporas, especially in the Caribbean.

ENGL-484. Contemporary U.S. Literature Since The Cold War. 3 Hours.

A study of the Cold War critical construction of "American" literature and important literary developments from the 1950s to the present, including the rise of postmodernism, the Beat Generation, and a variety of ethnic literary developments, as well as other important literary phenomena of the period.

ENGL-485. Contemporary European Literature. 3 Hours.

The aim of this course is to examine some important works of European literature from the 20th century till date. The course explores major issues such as the place of ethics in literature, holocaust, the World War I II, European identity etc.

ENGL-487. Material Culture. 3 Hours.

In this seminar, students will concentrate on the material contexts (legal, economic, social, technological) that inform cultural production. While the cultural forms and historical periods focused upon may vary by instructor, in every case the course will introduce students to the history of critical work in this area and involve projects in which students trace the marks of material forces in cultural forms.

Requirement: two additional courses at the 400 level

Prerequisite: ENGL-410 minimum grade of C.

ENGL-488. Africana Literature: Slavery And The Literary Imagination. 3 Hours.

Through the lens of former slaves and contemporary novelists and scholars, this course explores the ways in which the slavery narrative and the neo-slave narrative attend to the larger existential question of what it means to be free. The corollary notions of race, gender, citizenship, and labor, among others, will also be considered. In addition, this class will investigate the ways in which the re-inscription of slavery, in contemporary literature, has impacted the development of the Africana literary tradition in terms of content, genre, and form.

ENGL-491. Sonnet: Not Just A Love Song. 3 Hours.

This class will explore the sonnet's many voices and subjects-from plaintive to menacing, from romance to racial injustice. We will read across the centuries, from Shakespeare to Keats to Edna St. Vincent Millay. We will read sonnet-variations, and sonnet-spoofs by contemporary American poets and we will experiment with sonnets of our own. Our time will be spent on close readings, discussions, writing, and informal presentations.

ENGL-495. Re-Thinking Race & Gender. 3 Hours.

This is an intensive summer course that runs for ten days over three weeks. It takes up history critically to engage in a concentrated re-thinking of how we learn to see, identify, and inhabit issues of race and gender. Workshops, lectures, and sessions with invited guests will unpack structures and relations of race and gender and the ways they get naturalized. The course is designed for graduates, undergraduates, and teachers, and is cross-listed in the Graduate College and the College of Arts Sciences.

Requirements: Graduate status or junior-senior status in English, Philosophy, Political Science, Sociology, WGS, AFAM or LGBTQ.

ENGL-5901. Thesis Hours. 1 Hour.

Graduate students complete an extensive, lengthy research or creative project under the guidance of a supervising committee. The thesis is optional for English graduate students and accounts for 6 of the 33 credit hours required for the M.A.

ENGL-5902. Thesis Hours. 2 Hours.

See course description for ENGL-5901.

ENGL-5903. Thesis Hours. 3 Hours.

See course description for ENGL-5901.

Major in English

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in English for the Bachelor of Arts Degree

Prerequisites: ENGL-101 AND ENGL-102 or equivalent. Note: No more than 15 hours may be transferred into the major in English.

Core Courses

Required courses

ENGL-210	Writing Intensive Program: Methods for English Majors ¹	3
ENGL-345	Practical Criticism	3
Select three Literary Surveys:		9
ENGL-218	American Literature: Beginnings To 1865	
ENGL-219	American Literature: 1865 To The Present	
ENGL-221	English Literature: The Beginnings To C. 1750	
ENGL-222	English Literature: C. 1750 To The Present	
Select one Major Author:		3
ENGL-314	Chaucer And His Age	
ENGL-329	Milton	
ENGL-330	Shakespeare: Comedies And Romances	
ENGL-331	Shakespeare: Tragedies	
Electives: ^{2,3,4}		18

Choose 18 hours from the four categories below, with no more than 12 hours from any one category.

ENGLISH LITERATURE

ENGL-307	Medieval Studies- The Development Of The Arthurian Legend
ENGL-308	English Literature From Beowulf To Malory
ENGL-321	Literature Of The Romantic Movement
ENGL-323	Shaw And Modern British Drama
ENGL-328	Seventeenth Century Literature
ENGL-341	Restoration And Eighteenth Century Literature I
ENGL-342	Restoration And Eighteenth Century Literature II
ENGL-348	Prose And Poetry Of The Victorian Age
ENGL-350	The Victorian Novel
ENGL-378	Twentieth Century Fiction I
ENGL-379	Twentieth Century Fiction II

AMERICAN LITERATURE

ENGL-312	Literature Of Colonial Times
ENGL-313	American Literary Renaissance-1830-1860
ENGL-322	The American Short Story
ENGL-352	Jewish-American Literature: People Of The Books (Jewish-American Literature: People of the Books)
ENGL-356A	Graphic Novels And Comics (Graphic Novels and Comics)
ENGL-357	Land, Labor, & Literature: Studying The Works Of U.S. Working-Class & Colonized Writers (Land, Labor and Literature)
ENGL-361	Development Of The American Novel
ENGL-368	American Realism
ENGL-372	American Women Writers Of The Nineteenth Century (U.S. Women's Writing of the 19th Century ELE-DS)
ENGL-378	Twentieth Century Fiction I
ENGL-379	Twentieth Century Fiction II
ENGL-380	Multi-Cultural Literature In America
ENGL-381	African-American Literature
ENGL-389	Contemporary Poetry
ENGL-393	Literature Live: Studying The Works Of NEIU Visiting Writers
ENGL-397	Summer Creative Writing Institute

INTERNATIONAL LITERATURE

ENGL-205	Literatures And Literacies
ENGL-300	Russian Literature: From Gogol To Chekhov
ENGL-302	Love In Western Literature
ENGL-311	Introduction To Cultural Studies (Introduction to Cultural Studies)
ENGL-320	Globalizing Literacies (Globalization Literacies ELE-X)
ENGL-324	The Romantic Novel
ENGL-333	Mythological Backgrounds Of English And American Literature
ENGL-334	Biblical Backgrounds Of English And American Literature
ENGL-337	Nobel Laureates
ENGL-365	Caribbean Literature
ENGL-369	U.S. Latino/a Literature And Culture (U.S. Latina/Latino Literature and Culture)
ENGL-370	Folklore And The Fairy Tale
ENGL-371	Studies In Women's Literature
ENGL-373	Yiddish Literature In Translation
ENGL-383	Postcolonial African Literature (Postcolonial African Literature)

WRITING

ENGL-200	Writing In Context
ENGL-235	Introduction To Creative Writing I
ENGL-236	Introduction To Creative Writing II
ENGL-335	Written Communications For Business

ENGL-240A	Elements Of Style For Creative Writers (Elements of Style for Creative Writers)
ENGL-309	Reading & Writing In A Changing Digital Economy (Reading & Writing in a Changing Digital Economy)
ENGL-374A	Hybrid-form Writing (Hybrid-Form Writing)
ENGL-376	Advanced Composition
ENGL-377	Argumentative Prose
ENGL-384 & ENGL-385	Creative Writing: Poetry I and Creative Writing: Poetry II
ENGL-386 & ENGL-387	Creative Writing: Fiction I and Creative Writing: Fiction II
ENGL-394	Writing The Personal Essay
ENGL-395	The Craft Of The Short Story
ENGL-396	Screenwriting: The Short Script

Total Hours 36

- 1 This course is designed as an introduction to the English major, and should be taken as early as possible.
- 2 Note: that the English Department is continually creating new courses. Therefore, the list below is not complete.
- 3 Note: Gen. Ed. courses (ENGL-201, ENGL-202, and ENGL-203) do not count towards the Major.
- 4 Note: A limit of six 200-level courses may be applied to the English Major.

English Majors must complete an electronic portfolio. For more information, please see your English Advisor.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
ENGL-101	Writing I	3
MATH-091 (If Necessary - does not count toward graduation)	Intermediate Algebra I	3
General Education Course		3
General Education Course		3
Elective		3
Term Hours		15

Term 2		
ENGL-102	Writing II	3
MATH-092 (If Necessary - does not count toward graduation)	Intermediate Algebra II	3
General Education Course		3
General Education Course		3
Elective		3
Term Hours		15

Second Year

Term 1		
ENGL-210	Writing Intensive Program: Methods for English Majors	3
English Literary Survey (ENGL 218 or ENGL 221)		3
General Education Course		3
General Education Course		3
Elective		3
Term Hours		15

Term 2		
Elective		3
General Education Course		3
General Education Course		3
ENGL Literary Survey		3
ENGL Literary Survey		3
Term Hours		15

Third Year

Term 1		
ENGL-345	Practical Criticism	3
ENGL Elective		3

4 Major in English

ENGL Major Author Course	3
General Education Course	3
General Education Course	3
<hr/>	
Term Hours	15
Term 2	
Elective	3
General Education Course	3
ENGL Elective	3
ENGL Elective	3
ENGL Elective	3
<hr/>	
Term Hours	15
Fourth Year	
Term 1	
ENGL Elective	3
ENGL Elective	3
Elective	3
Elective	3
Elective	3
<hr/>	
Term Hours	15
Term 2	
Elective	3
Elective	3
Elective	3
Elective	3
Elective	3
<hr/>	
Term Hours	15
<hr/>	
Total Hours:	120

Major in English/Secondary Education

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in English/Secondary Education for the Bachelor of Arts Degree

Teachers of English in secondary schools are typically required to teach a broad language arts curriculum. This interdisciplinary program combines literature, linguistics, reading, composition, and speech, providing excellent preparation for classroom teaching.

In order to meet the language arts/humanities requirements for licensure, students are required to take ENGL-101, ENGL-102, CMTC-101.

NOTE: The required professional education courses must be completed in addition to the requirements listed below. Refer to the Secondary Education section of this catalog for additional information.

- No more than 15 hours may be transferred into the major in English.
- No more than 15 hours at the 200 level may count towards fulfilling the major requirements.

Required Courses

American Literature		
ENGL-218	American Literature: Beginnings To 1865	3
ENGL-219	American Literature: 1865 To The Present	3
English Literature		
ENGL-221	English Literature: The Beginnings To C. 1750	3
ENGL-222	English Literature: C. 1750 To The Present	3
Criticism		

ENGL-345	Practical Criticism	3
Shakespeare		
ENGL-330	Shakespeare: Comedies And Romances	3
or ENGL-331	Shakespeare: Tragedies	
Diverse Literature		
ENGL-352	Jewish-American Literature: People Of The Books (Jewish-American Literature: People of the Books)	3
ENGL-371	Studies In Women's Literature	3
ENGL-381	African-American Literature	6
& ENGL-390	and Young Adult Novel (or Approved Equivalent)	
or ENGL-380	Multi-Cultural Literature In America	
Composition		
ENGL-376	Advanced Composition	3
or ENGL-377	Argumentative Prose	
Select three Electives in Literature at the 300-level		
Linguistics		
LING-201	Introduction To General Linguistics	3
TESL-340	Practices & Procedures	3
Other Required Courses		
CMTM-265	Mass Media and Society	3
SCED-315	Teaching Writing In Junior And Senior High School	3
Total Hours		54

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
EDFN-305	Philosophical And Historical Foundations Of Public Education	3
EDFN-306	Education And Individual Differences	3
General Education Course		3
ENGL Survey Course		3
ENGL Survey Course		3
Term Hours		15
Term 2		
ENGL Survey Course		3
ENGL Survey Course		3
ENGL-376 or LING-201		3
General Education		3
Term Hours		12
Second Year		
Term 1		
ENGL-345	Practical Criticism	3
ENGL-376 or LING-201		3
CMTM-265, TESL-340, or LING-300		3
EDFN-307, or 300-Level ENGL Course		3
Term Hours		12
Term 2		
ENGL-330 or ENGL-331		3
CMTM-265, TESL-340 or LING-300		3
EDFN-307 or 300-Level ENGL Course		3
300-Level ENGL Course		3
Term Hours		12

Third Year

Term 1		
LTCY-301	Teaching Literacy In Junior Senior High Schools	3
SCED-301	Writing Intensive Program:Methods Of Teaching On The Secondary Level	3
300-Level ENGL Course		3
300-Level ENGL Course		3

 Term Hours 12

Term 2		
ENGL-390	Young Adult Novel	3
300-Level ENGL Elective		3

 Term Hours 6
Fourth Year

Term 1		
SCED-303E	Methods Of Teaching English In The Secondary School	3
SCED-304E	Clinical Experiences In The Secondary School:English	1
SCED-315	Teaching Writing In Junior And Senior High School	3
300-Level ENGL Course		3

 Term Hours 10

Term 2		
SCED-305E	Secondary Student Teaching And Seminar In English	9
300-Level ENGL Course		3

 Term Hours 12

 Total Hours: 91

Master of Arts in English

Master of Arts in English

The graduate program in English develops skills in critical thinking, writing, and research, encourages intellectual curiosity, and provides training for careers and professional advancement in related fields such as teaching, editorial work, journalism, publishing, writing, and research.

Students pursuing the MA in English choose between two degree concentrations, Literature or Composition. The two-track curriculum provides two separate fields of study within English, offering multiple career opportunities as well as preparing students for doctoral work.

Requirements for Admission to the Program:

Note: Applications for this program are accepted three times a year.

- Fall admission – July 1
- Summer admission – April 1
- Fall admission – November 1

Students must fulfill the general requirements for admission to the College of Graduate Studies and Research. In addition:

1. Applications must indicate a degree concentration: Literature or Composition.
2. In their personal Statement of Goals and Objectives, applicants to the Program in English should specify their reasons for pursuing graduate-level studies in Literature or Composition, and they should identify the background, strengths, and academic skills that they feel will ensure their success as an MA student.
3. All applicants must submit a representative sample of academic or professional writing that demonstrates their critical thinking and/or research strengths and indicates their ability to do well in advanced study in English Literature or Composition. The writing sample should not exceed 15 pages in length, and should preferably be work completed for an upper-division undergraduate course in English or for a graduate-level English course. (Those who cannot meet this requirement may petition the Graduate Coordinator for admission in a written statement.)
4. GRE scores are not required for admission, but they may be submitted to supplement an application.

Literature Concentration:

As the Master's degree is understood to build upon an already solid foundation of literary study, applicants seeking admission to the MA program in English, Literature concentration, must have a BA in English (or a minimum of 30 credit hours of undergraduate work in literature and composition), including reasonable coverage of British and American literature and at least one course in Literary Criticism. Students who do not meet these requirements may be offered a provisional admission and allowed to complete their undergraduate training at NEIU prior to taking courses toward the MA degree.

Composition Concentration:

As the Master's degree is understood to build upon an already solid foundation of study, applicants seeking admission to the MA program in English, Composition concentration, must have a BA in English, English Education, or a related field subject to the approval of the Graduate Committee in Composition. Students who do not meet these requirements may be offered a provisional admission and allowed to complete their undergraduate training at NEIU prior to taking courses toward the MA degree.

NOTE: All petitions to transfer between degree concentrations are subject to the admissions requirements of the track into which a student is transferring.

Requirements for the Degree:

All graduate credits must be at the 400 level, except for a maximum of two 300-level courses specifically approved for graduate degree credits in English (see list below). Be sure to consult with your program advisor before registering for any 300-level course.

ENGL-300	Russian Literature: From Gogol To Chekhov	3
ENGL-307	Medieval Studies- The Development Of The Arthurian Legend	3
ENGL-308	English Literature From Beowulf To Malory	3
ENGL-314	Chaucer And His Age	3
ENGL-316	Forms Of Poetry	3
ENGL-368	American Realism	3
ENGL-376	Advanced Composition	3

ENGL-377	Argumentative Prose	3
ENGL-381	African-American Literature	3

The graduate program requires 33 credit hours of coursework in literature (principally British and American), or 33 hours with a concentration in composition. (The specifics of each program are defined below.) Both programs require a final written examination.

Good Standing in the Program:

1. All students must maintain a minimum 3.0 grade point average in the program.
2. Regardless of overall grade point average, grades of C or below at the master's level indicate a need for increased academic application. If more than one grade of C is received, a student must petition the departmental Graduate Committee in writing for permission to continue.

Thesis Option:

An optional scholarly thesis is open to degree candidates enrolled in either degree track, and may be written in place of two 400-level electives. This option is subject to departmental approval. The student, in consultation with a thesis advisor and the Graduate Coordinator, will submit a thesis proposal that must be approved before they can register for the Thesis Hours (ENGL-5901, ENGL-5902 or ENGL-5903). Students completing the thesis option will give an oral defense of their thesis before a departmental committee prior to filing the project with the Graduate College.

Examination:

In contrast to traditional Master's programs in which graduate students are handed several literary fields that they are supposed to "master," in our program, students will be at the helm of producing three literary fields that will be the basis of their take-home exams. Each field will be accompanied by a rationale and a combination of primary texts (8-15 works); secondary texts (3-10 works); and theoretical works (3-10 works). These lists will be created with the assistance of the Graduate Coordinator and other faculty. For more information, please contact the Graduate Coordinator.

Literature Concentration:

A student's coursework should be planned with a view to achieving adequate and substantial preparation in British and American literature, with some work in world literature. In addition to coursework, students must maintain good academic standing in the program and pass a comprehensive examination in English Literature. The program includes the following course work:

Required Courses

ENGL-410	Literary Methods And Practice	3
ENGL-430	Studies In Literary Criticism	3
Two American literature courses at the 400 level		6
Three British literature courses at the 400 level		9
Two electives chosen from 300-level (only those approved for graduate degree credit) and/or 400-level courses		6
Thesis Hours - (or Two additional 400-level courses)		6
<hr/>		
Total Hours		33

Composition Concentration:

Students must complete the 6 hours of Core Requirements, 18 hours of Core Electives and 9 hours of Free Electives. In addition, students must maintain good academic standing in the program and pass a three part comprehensive exam.

Core Requirements

ENGL-433	Seminar In Composition Theory	3
ENGL-435	Writing Assessment: Theory And Practice	3

Core Electives ¹ 18

Select six of the following:

ENGL-410	Literary Methods And Practice
ENGL-430	Studies In Literary Criticism
ENGL-431	Bibliography And Research In English
ENGL-432	Alternative Literacies
ENGL-434	Seminar In Basic Writing Theory
ENGL-436	Rhetorics Of Composition
ENGL-437	English Studies And Technology
ENGL-438	Research In Composition
ENGL-439	Stylistics

FREE Electives

Literature: any 400-level or graduate approved 300-level course

Writing

ENGL-316	Forms Of Poetry
ENGL-376	Advanced Composition
ENGL-377	Argumentative Prose
ENGL-482	Contemporary Poetic Forms

Language

See advisor to choose TESL or LING courses relevant to your career goals.

Total Hours

33

¹ New Composition Electives will be added to the list periodically.

Comprehensive Exam:

Students will be tested on three reading lists that they have developed in conjunction with faculty members on topics of particular interest to them. There will be three separate tests, one on each reading list, which students will schedule at times convenient for them, complete at home, and then email back to the advisor. See the advisor for more information. Note: You may get permission from the Graduate Advisor to take courses not included on this list to meet the elective requirement.

Minor in Creative Writing

Minor in Creative Writing

The English Department's Creative Writing minor provides undergraduate students of any major with opportunities to develop as writers within a variety of creative contexts. The courses in the program enable students to develop both writing craft and technical proficiency. In addition to taking foundations courses that introduce students to the discipline, students are encouraged to take a core sequence, which will enable them to move from writing individual pieces to developing longer book-length compositions. By the program's end, students will have developed a strong representative body of work.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Creative Writing

To complete the minor in creative writing, students must take 18 hours of coursework.

Foundations (6 credits)

ENGL-235	Introduction To Creative Writing I ¹	3
ENGL-240A	Elements Of Style For Creative Writers ²	3

Core Sequence (6 credits) - *Choose two courses within the same genre

One course at Intermediate Level

ENGL-384	Creative Writing: Poetry I	
ENGL-386	Creative Writing: Fiction I	

And

*Choose one course at the advanced level

ENGL-385	Creative Writing: Poetry II	
ENGL-387	Creative Writing: Fiction II	
ENGL-374A	Hybrid-form Writing	
Electives (6 credits)		6
ENGL-316	Forms Of Poetry	
ENGL-359	Independent Study In English	
ENGL-394	Writing The Personal Essay	
ENGL-395	The Craft Of The Short Story	
ENGL-396	Screenwriting: The Short Script	
ENGL-397	Summer Creative Writing Institute	
ENGL 3941-6 Creative Writing Internship (1 through 6 credit hours)		

Total Hours

18

¹ 235 is the prerequisite for all creative writing courses

² 240 can be taken concurrently with courses at higher levels

* All advanced level courses require successful completion of the intermediate course in the same genre with a grade of "C" or higher. Admission without the prerequisite is at the instructor's discretion.

Minor in English

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in English (18 credit hours)

Select three of the following:	9
ENGL-218 American Literature:Beginnings To 1865	
ENGL-219 American Literature:1865 To The Present	
ENGL-221 English Literature:The Beginnings To C. 1750	
ENGL-222 English Literature: C. 1750 To The Present	
Electives (nine credit hours in English at the 300-level)	9
Total Hours	18

NOTE: No more than nine transfer credit hours may be counted toward the minor in English.

Students in the Elementary Education and Early Childhood Education programs who have selected this minor must complete a minimum of 9 hours at the 300-level to meet graduation and licensure requirements.

English Language Program

The English Language Program is comprised of the Minor in Interdisciplinary English Studies, as well as an array of courses in English as a second language, developmental writing, and developmental reading. These courses are intended to help students acquire the level of oral and written English language skills expected of university students. Courses are offered for both native English speakers and English language learners. Students place into the following courses based on their results on the writing and reading portions of the University placement exam.

ELP-095	Developmental Writing Workshop I	3
ELP-096	Developmental Writing Workshop II	3
ELP-097	Developmental Writing Workshop III	3
ESL-108	Listening And Speaking	3
ELP-112	ESL Writing Workshop I	3
ELP-114	ESL Writing Workshop II	3
ELP-120	ESL Writing Workshop III	3
READ-096	Developmental Reading Workshop I	3
READ-097	Developmental Reading Workshop II	3
READ-115	ESL Reading Workshop I	3
READ-116	ESL Reading Workshop II	3

Course work indicated by these placement results is required. All other courses are selected by the student in consultation with advisors and instructors. Authorization to enter all courses is required for registration and can be obtained in the English Language Program office (LWH 2046).

- Minor in Interdisciplinary Studies (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/english-language-program/minor-interdisciplinary-english-studies>)

Jeanine Nthirageza, Ph.D., Associate Professor of Teaching English as a Second/Foreign Language, Chair
John Armour, Coordinator and IES Minor Program Advisor

ELP-095. Developmental Writing Workshop I. 3 Hours.

(Does not count toward graduation or GPA calculation.) This course presents basic principles of personal essay writing in English, with emphasis on developing sentence level skills. Registration is by placement exam.

Prerequisite: Accuplacer WritePlacer 2.

ELP-096. Developmental Writing Workshop II. 3 Hours.

(Does not count toward graduation or GPA calculation.) This course is an introduction to the basic principles used in writing expository essays based on personal experience, and intensive work to improve sentence level skills. Registration is by placement exam or permit.

Prerequisite: ELP-095 minimum grade of RC or ELP-112 minimum grade of C or Accuplacer WritePlacer 3.

ELP-097. Developmental Writing Workshop III. 3 Hours.

(Does not count toward graduation or GPA calculation.) This course offers practice and instruction in writing expository essays, with emphasis on paragraph development, increased fluency in written English, and proofreading skills. Registration is by placement exam or permit.

Prerequisite: Accuplacer WritePlacer 4 or ELP-096 minimum grade of RC or ELP-114 minimum grade of C.

ELP-112. ESL Writing Workshop I. 3 Hours.

Open only to English Language Learners (ELLs). This course provides basic instruction aimed at guiding the ELLs' transition from their existing native language writing skills to academic English with an emphasis on sentence-level skills needed for writing personal narrative essays. Registration is by permit only.

ELP-114. ESL Writing Workshop II. 3 Hours.

Open only to English Language Learners (ELLs). This course provides instruction aimed at continuing the ELLs' transition from their existing native language writing skills to academic English. Work centers on the writing of basic expository essays and intensive work on sentence level skills. Registration is by permit only.

ELP-120. ESL Writing Workshop III. 3 Hours.

Open only to English Language Learners (ELLs). This course provides additional practice and instruction aimed at helping ELLs complete their transition from writing in their native language to writing in college-level academic English. Writing expository essays across various genre, with emphases on paragraph development, increased fluency and editing and proofreading skills form the core content of this course. Registration is by permit only.

ELP-121. English Grammar Skills. 3 Hours.

Analysis of and practice in selected English grammatical patterns, with special emphasis on their academic application.

Minor in Interdisciplinary English Studies

Minor in Interdisciplinary English Studies (21 credit hours)

Language study improves the ability to communicate and enhances understanding and appreciation of others and their cultures. English is widely recognized as a global language, serving as the language of higher education, technology, and media among others. The acquisition of an advanced language proficiency provides access to opportunities for those whose primary language is not English.

Through an integrated-skills approach, the minor in Interdisciplinary English Studies fosters a communicative competence wherein learners gain knowledge about the language, its appropriate use in various contexts, and compensatory strategies for communication breakdowns. Advanced coursework within the minor provides focused study in structure, reading, writing, and/or listening and speaking.

Requirements for Admission to the Minor

Eligibility for this minor is based on identification of students as English language learners. Thus, students must place into the ELP sequence based on a combination of the following:

1. Analysis of student writing on the English Placement Test;
2. Student demographic information provided during the admission process and/or at the time of placement testing;
3. History of primary and/or secondary school attendance in a foreign country, and/or participation in a bilingual education or English as a second language program in the United States.
4. Completion of ELP-112 and/or ELP-114, or direct placement into ELP-120 based on performance on the English Placement Test.
5. Completion of READ-115 or direct placement into READ-116 based on performance on the English Placement Test.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Interdisciplinary English Studies requirements

Required Courses

CORE WRITING COURSE		
ELP-120	ESL Writing Workshop III ¹	3
CORE READING COURSE		
READ-116	ESL Reading Workshop II ²	3
CORE INTENSIVE LANGUAGE & STRUCTURE COURSES		
Select two of the following:		6
ELP-121	English Grammar Skills	
ESL-290	English For Specific Purposes	
ADVANCED ELECTIVE COURSES		
Select 3 COURSES from the following columns in consultation with the Minor Program Advisor, with at least 1 course at the 300-level. ³		9
Column A: Structure of English		
LING-110	Lexicology: The Study Of Words	
LING-201	Introduction To General Linguistics	
LING-300	English Grammar In The Classroom ⁴	
LING-301	History Of The English Language ⁴	
LING-303	Grammars Of English ⁴	
LING-304	Introduction To Phonetics & Phonology ⁴	
Column B: Speaking		
CMTC-101	Public Speaking	
CMTC-214	Business and Professional Communication	
CMTC-310	Persuasion	
CMTC-313	Communication, Gender & Identity	
CMTC-314	Organizational Communication	
Column C: Writing		
ENGL-200	Writing In Context ⁵	
ENGL-235	Introduction To Creative Writing I ⁵	
ENGL-236	Introduction To Creative Writing II ⁵	
ENGL-335	Written Communications For Business	
ENGL-375	Essentials Of Tutoring Writing ⁶	
ENGL-376	Advanced Composition ⁶	
ENGL-377	Argumentative Prose ⁶	
Column D: Reading		
ENGL-201	The World Of Poetry ⁷	
ENGL-202	The World Of Drama ⁷	
ENGL-203	The World Of Fiction ⁷	
ENGL-360	Detective Fiction	
ENGL-380	Multi-Cultural Literature In America ⁶	
ENGL-390	Young Adult Novel ⁶	
ENGL-391	Children's Literature ⁶	

Total Hours

21

¹ If a student makes exceptional progress in ELP-114 and places out of ELP-120, another writing course must be selected for the minor in consultation with the Minor Program Advisor.

² If a student makes exceptional progress in READ-115 and places out of READ-116, another reading course must be selected for the minor in consultation with the Minor Program Advisor.

³ For ECED or ELED majors, 3 courses must be at the 300-level.

⁴ prerequisite: LING-201

⁵ prerequisite: ENGL-101 with a grade of "C" or better, or consent of instructor

⁶ prerequisite: ENGL-101 with a grade of "C" or better, plus 6 hours of 200-level literature courses.

⁷ prerequisite: English Placement Test Score of 7 or 8, ENGL-101 with a grade of "C" or better, or consent of instructor.

Geography and Environmental Studies

DEGREE PROGRAMS

The Department of Geography and Environmental Studies offers degree programs leading to a B.A. in Geography, a B.A. in Environmental Studies, and an M.A. in Geography & Environmental Studies.

CERTIFICATE PROGRAMS

The Department offers two certificate programs in Geographic Information Science (GIS), an exciting and fast-growing field with a broad range of applications. GIS combines data management, spatial analysis and cartography and is widely recognized as a powerful planning tool in resource and environmental management, business and marketing, urban and regional planning, terrain and environment modeling, and more. The certificate programs give students technical skills which they can immediately apply in the workplace.

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- Major in Geography (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/geography-environmental-studies/geography>)
- Major in Environmental Studies (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/geography-environmental-studies/environmental-studies>)
- Minor in Geography (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/geography-environmental-studies/minor-geography>)
- Minor in Environmental Studies (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/geography-environmental-studies/minor-environmental-studies>)
- Minor in Geographic Information Science (GIS) (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/geography-environmental-studies/minor-geographic-info-science>)
- Undergraduate Certificate in GIS (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/geography-environmental-studies/undergraduate-certificate-gis>)
- Master of Arts in Geography and Environmental Studies (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/geography-environmental-studies/master-arts-geography-environmental-studies>)
- Graduate Certificate in GIS (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/geography-environmental-studies/graduate-certificate-gis>)

Erick Howenstine, Ph.D., Professor, Chair

Dennis Grammenos, Ph.D., Associate Professor

Ting Liu, Ph.D., Assistant Professor, GIS Coordinator

Alex Peimer, Ph.D., Assistant Professor

Melinda Storie, Ph.D., Assistant Professor, Graduate Coordinator

GES-104. World Geography. 3 Hours.

Students will study world regions, applying geographic methods to local, regional, and global scales. This includes spatial patterns in both the physical environment (climate, soils, natural resources, topography, etc.) and the human environment (population, economic, political, urban, trade, culture, language, etc.) The course includes map interpretation and an introduction to modern geospatial technologies.

GES-109A. First Year Experience: Global Chicago. 3 Hours.

This is an introductory course in urban geography that provides a broad overview of the Chicago metropolitan area in the global context. We will explore the place of Chicago as a hub in the global economy, as well as the many different ways that global forces have impacted social relations and spatial practices in the metropolis.

GES-109B. First Year Experience: Chicago Geographies: Environmental Chicago. 3 Hours.

Students study the relationships between human settlement and the natural environments in the metropolitan area including environmental problems, their causes and possible solutions. Issues such as waste disposal and recycling, brownfields, suburban sprawl, air and water pollution, water supply, flooding and drainage, invasive species, and urban parks are investigated, with classroom discussion and field trips.

GES-150. Introduction To Environmental Studies. 3 Hours.

Environmental relations, problems and proposed solutions, such as environmental degradation, law and impact; land use planning; resource development; population-resource pressures; urbanization; and technological development; from local to global issues.

GES-199. Topics In Environmental Studies For Middle School Teaching. 4 Hours.

GES-205. Physical Geography. 3 Hours.

Introductory survey of the earth's physical environment emphasizing earth-sun relationships, interrelationships of climate, soil and vegetation, and landforms.

GES-212. Economic Geography. 3 Hours.

Exploration of how societies organize economic activities in space at the local, regional and global levels. Students learn how basic geographic frameworks, concepts, explanations and analytical tools show how space and location are critical elements affecting economic systems and why different places achieve different levels of well-being.

GES-213. Cultural Geography. 3 Hours.

Study of the cultural landscape: investigating and analyzing the patterns of language, religion, ethnicity, gender and livelihoods as they vary from region to region.

GES-217. Urban Geography. 3 Hours.

A survey course in urban geography focusing on processes and outcomes of urbanization. The course will address the dramatic changes unfolding in the metropolitan landscape and will encourage students to develop a deeper and more nuanced understanding of cities and urban sociospatial processes.

GES-218. Conservation Of Natural Resources. 3 Hours.

Contemporary approaches toward understanding and management of natural resources: air, water, minerals, soil, forests, grasslands and wildlife.

GES-220. Pollution Control & Prevention. 3 Hours.

Introduction to environmental pollution including that involving air, water, solid waste and noise. Methods of measurement and analysis are covered, as well as legal and economic factors and possible solutions.

GES-240. Water Resources & Development. 3 Hours.

Survey of global water distribution, management, pollution, conservation, conflict and policy. Students will study measures taken to provide adequate water quality and quantity throughout the U.S. and in other world regions.

GES-250. Writing Intensive Program: Writing in GES. 3 Hours.

This course is a writing intensive experience, offering students the opportunity to develop written communication skills by utilizing basic concepts, theories, and techniques in Geography and Environmental Studies. Topics and exercises include note taking, outlines, drafts, styles, bibliography and references, essays, reviews, policy statements and reports of varying length. Sources including library, internet services, and direct observation will be explored. Students will incorporate maps, graphs, and other visual aids.

Prerequisite: ENGL-101 minimum grade of C.

GES-291. GIS Across Disciplines. 3 Hours.

This course introduces students from many disciplines to the use of a Geographic Information Systems (GIS) as a tool for storage, display, and analysis of any information for which a location is known. GIS integrates information drawn from many sources by using their location as a linking field. GIS attaches attribute data to spatial objects, and offers a wide variety of tools with which to access, display and analyze that information in new ways. No prior geographic or GIS knowledge is assumed, and there is no course prerequisite. Students will gain conceptual understanding of GIS and experience manipulating prepared data.

GES-302C. Regional Geography: Africa. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302D. Regional Geography: World Oceans. 3 Hours.

The geography and distribution of the oceans; physical geography of the ocean floor; coastal landforms; distribution of earthquakes and volcanoes; oceans and climate; distribution of life in the oceans; human use and abuse of the sea, including contemporary problems and future opportunities; ocean resources; laws of the sea; the importance of the oceans to environmental quality of the earth.

GES-302F. Regional Geography: Australia And The Pacific Islands. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302G. Regional Geography: Caribbean. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302H. Regional Geography: Eastern Europe. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302K. Regional Geography: East Asia. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302L. Regional Geography: Southeast Asia. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302M. Regional Geography: Russia & Central Asia. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302N. Regional Geography: South Asia. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302O. Regional Geography: Middle East. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302Q. Regional Geography: Western Europe. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302S. Regional Geography: Developing World. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302V. Regional Geography: U.S. And Canada. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302X. Regional Geography: Latin America. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-303A. Topics In Geography: Social Geography. 3 Hours.

A current topic in geography will be explored in depth. See Schedule of Classes, course notes, and consult the department for more information.

GES-303B. Topics In Geography: American Cities: Past, Present & Future. 3 Hours.

This course consist of an overview of historical development of American cities and an evaluation of contemporary urban issues. It employs the perspective of urban geography, i.e. emphasized spatial interactions and processes taking place within cities and within the American urban system. We will discuss how cities developed in response to changing means of transportation and how suburbanization affected social, economic and environmental aspects of city life. The course will provide you with an understanding of the fundamental aspects urban theory.

GES-305. Geography And Map Skills For Teachers. 3 Hours.

Focuses on five main themes in geography; methods and materials to teach the themes in K-12 classes. Map skills and instructional strategies will also be presented.

GES-307. Environmental Education Seminar. 3 Hours.

Analysis and development of environmental education instructional materials and teaching strategies. Seminar focus varies depending on the interest of the participants.

GES-308. Conservation Psychology. 3 Hours.

Students will explore the emerging field of conservation psychology with an emphasis on the psychological characteristics of the relationship between humans and nature, such as environmental values, attitudes, behavior, and decision-making practices. Course topics, including environmental perception, identity, personal morals, ecopsychology, wilderness psychology, domestic nature, managed nature, community dimensions, and environmental education, will be investigated in the context of promoting environmental responsibility.

Prerequisite: GES-150 minimum grade of C or PSYC-100 minimum grade of C or PSYC-200 minimum grade of C.

GES-309. Principles And Methods Of Environmental Interpretation. 3 Hours.

Naturalists and environmental educators learn how to interpret the environment to others in park and camp settings; philosophy, organization, administration, and program methods such as management of field trips, nature trails, campfire programs, overnight camping and trailside museums. Emphasis on meeting the needs of an urban population.

GES-314. Political Geography. 3 Hours.

The relationship between geographical factors of the physical and human environments and political organization. Topics include territorial claims and conflicts, defining borders and districts, spatial patterns of legislation, development and evolution of nations and changing patten in the world political map.

GES-316. Location Analysis. 3 Hours.

Use of location theory and economic modeling to understand spatial patterns of land use and to determine optimal spatial arrangements relating to location of business, services, resources and trade. Environmental influences and impacts are discussed.

GES-319. Environmental & Natural Resources Policy. 3 Hours.

Physical, economic, social and political factors involved in policy determination and planning for natural resource development; emphasis upon relations between public and private enterprise and policies for international resource development.

GES-321. Environmental Impact Assessment. 3 Hours.

Analysis of the Environmental Policy Act and its requirement of environmental impact assessment. Topics include NEPA requirements, categories and methods of environmental assessment, agency direction for implementing NEPA, impact assessment in planning and decision making, public participation and conflict management.

GES-322. Aerial Photo Interpretation. 3 Hours.

Development and use of aerial photographs for evaluating natural and built environments. Visual identification of social and economic activities and landforms using digital images.

GES-323. Green Infrastructure Planning & Management. 3 Hours.

This course focuses on the challenges and benefits of incorporating open space, native landscaping, street trees, and similar techniques into urban planning to ameliorate problems such as erosion, storm water management, climate change, habitat loss, and pollution. Local plans at differing scales (municipal to regional) will be compared, case studies of green infrastructure implementation will be examined, and management and maintenance of green infrastructure practices will be discussed. Field trips will be required.

GES-327. Forest Resource Management. 3 Hours.

Forest values, management, policies and practices for public and private lands, including national wilderness areas, parks and forests as well as urban parks and forests.

GES-328. Wildlife Resource Management. 3 Hours.

General wildlife management course for resource planners, interpretative naturalists, and educators. Fish and wildlife values, conservation principles and practices, and current policy issues.

GES-329. Sustainable Energy Policy. 3 Hours.

Study of renewable energy resources as alternatives to nuclear energy and the traditional fossil fuels; the use of sunlight, wind, water, biomass etc.; policy options and issues for managing energy resources towards a sustainable future.

GES-336. Solid Waste Issues. 3 Hours.

Examination of trends in municipal solid waste generation, collection, disposal, and management. Discussion of the roles of federal, state, county, and state governments, with a review of national and international waste issues.

Prerequisites: GES-150 minimum grade of D and GES-218 minimum grade of D and GES-220 minimum grade of D.

GES-338. Sustainable Development. 3 Hours.

Students will explore the concepts of sustainability in the context of socio-economic development at various scales and around the world. Sustainable Development is an alternative to a traditional industrial-economic model of growth which can marginalize people and destroy nature. Specific strategies, policies, and implications of this approach will be explored.

GES-339. Geography Of Energy. 3 Hours.

Examination of the changing spatial patterns of the distribution, consumption, and transportation of traditional and alternative energy resources. Investigation of new technologies and management strategies against the background of a shifting resource base. One or more sessions may be held in the field. Prereq.: GES-205.

GES-341. Field Methods In Water Resources. 3 Hours.

Field exploration of portable water treatment facilities in urban and rural settings. Students will visit municipal treatment plants and distribution systems as well as small-scale operations, such as private wells and small municipal water plants. Methods of water acquisition, treatment and management used in other part of the country, and in other countries, will be explored. Field trips are required.

GES-342. Water Quality, Treatment, And Standards. 3 Hours.

Field exploration of waste and drinking water treatment facilities in urban and rural settings. Water intake, treatment, and distribution and sewerage system collection methods will be explored. Alternate methods used elsewhere will be discussed.

GES-344. Chicago River Issues. 3 Hours.

This field class explores the geographic, environmental, historic, economic, engineering, recreation and other aspects of the Chicago River. Students will study water quality, land use and ownership issues, habitat restoration, and the importance of rivers in metropolitan areas. Most classes are held in the field.

Prerequisite: GES-104 minimum grade of C or GES-150 minimum grade of C or GES-205 minimum grade of C.

GES-345. Medical Geography. 3 Hours.

This is a comprehensive introduction to the study of health-related topics by applying concepts and methodologies from the discipline of geography. The course is intensive and rigorous, and aims to familiarize students with the major themes and the most prominent contributions in a field that deals with human-environment interactions and the influence these interactions have on public health. The focus of this course is equally on ecological approaches (systematically analyzing relationships between people and their environments), social approaches (including political economy and socio-behavioral approaches), and spatial approaches (including using maps and geospatial statistics to identify patterns of single and associated variables). There will be a special emphasis on using applied analytical tools (such as GIS and remote sensing) to answer health-related problems. Special attention is given to the way that the processes of globalization and urbanization have impacted health locally and internationally.

GES-346. Geography Of Metropolitan Chicago. 3 Hours.

Detailed study of communities within Chicago and its surrounding area, with an emphasis on spatial distribution and arrangement of distinct regions; field trips.

GES-347. Gentrification & Urban Redevelopment. 3 Hours.

Issues and principles of historic urban neighborhood preservation, revitalization, restoration and gentrification emphasizing public and private market initiatives. Field work in the Chicago metropolitan area using various methods of surveying, collecting, recording and processing data.

GES-348. Latino Metropolis. 3 Hours.

A field-oriented course that explores the processes of Latino urbanization and the sociospatial context of Latino urbanism in the U.S., with an emphasis on metropolitan Chicago. Approved for graduate credit.

GES-349. Environment & Urbanization. 3 Hours.

The course focuses on issues of international urban development emphasizing the role of the natural environment. In this context, the rapid growth of urban areas both within and beyond the core industrialized regions necessitates understanding the processes involved and the implications for a livable present and sustainable future.

GES-351. Spatial Statistics. 3 Hours.

Introduction to statistical problems, principles, and techniques for the study of geography and the natural environment.

GES-352. Independent Study In Geography And Environmental Studies. 3 Hours.

Study of a topic of special interest to the student under the supervision of a faculty member. See the department policy on independent studies.

GES-353. Independent Study In Geography And Environmental Studies. 2 Hours.

(See GES-352 for description.).

GES-354. Independent Study In Geography And Environmental Studies. 1 Hour.

(See GES-352 for description.).

GES-355. Metropolitan Transportation: Problems & Planning. 3 Hours.

Problems of transportation in cities, focusing on commuting, expressway development, the automobile vs. public transportation, congestion, and relative location of jobs and workers. Emphasis on planning more effective transportation systems, particularly in the Chicago area.

GES-357. Geography Of Natural Hazards. 3 Hours.

Study of the location, impact, causes, and mitigation of natural hazards such as earthquakes, volcanoes, flooding, landslides, subsidence, erosion, extreme weather, wildfire, and tsunamis. Local field trips possible.

GES-359. Environmental Planning. 3 Hours.

Principles of land development with emphasis on opportunities and limitations imposed by the physical environment; concepts of land ownership, tenure and use; ecological and environmental analysis; techniques of site design.

GES-360. Environmental Justice & Activism. 3 Hours.

Students investigate the history and process of environmental equity, grassroots activism, legislation and lobbying and community organization. Field trips and guest lectures.

GES-361. Urban Planning. 3 Hours.

City planning process; historical development of planning in the United States; basic components of a comprehensive plan; planning theory and practice; implementation procedures; social planning.

GES-362. Population Geography. 3 Hours.

Population structure, growth/decline, distribution, and migration from local to global scales. Problems including environmental degradation and human suffering will be discussed, as will population policies and initiatives.

GES-363. Field Experience: Problems In Geography. 3 Hours.**GES-367. Geography Of Tourism. 3 Hours.**

Students will examine tourism from a geographic and environmental perspective. Topics include political and economic impact on communities, ecotourism, and the cultural consequences of First World tourism in the Third World. Students will engage in individual field work to investigate a local tourist site.

GES-368. Changing Global Climates. 3 Hours.

This course explores the normal cycles and also the changing patterns of global climates. Attention is given to both natural phenomena, such as El Niño, and human impacts on climate from deforestation, ozone depletion and the greenhouse effect.

GES-371. Advanced Physical Geography. 3 Hours.

Advanced topics in Physical Geography, including geomorphology, coastal landforms, biomes, diastrophism, weathering, weather and climate.

Prerequisite: GES-205 minimum grade of C.

GES-374. Research Methods. 3 Hours.

Students will develop a variety of quantitative and qualitative research skills by way of case studies, historical research and discussion. Students will conduct their own original research, using appropriate methods.

Prerequisites: GES-250 minimum grade of C and (GES-104 minimum grade of C or GES-150 minimum grade of C).

GES-376. Principles Of Cartography. 3 Hours.

Principles of map making; history of cartography, modern techniques, projection, symbolization, visual appeal, thematic map design, production and interpretation.

GES-377. Computer Cartography. 3 Hours.

Students will design, create and publish a variety of thematic maps using cartographic convention and effective symbology with digital graphic programs.

GES-380. Field Methods. 3 Hours.

Introduction to the instruments, measurements, mapping techniques, and sampling procedures used to acquire primary data from field observations. Development of a field research plan, culminating in research projects tailored to each student's interest. Approved for graduate credit.

GES-383. Internship In Geography And Environmental Studies. 3 Hours.

Supervised field experience with an agency related to the student's career interest. Prior course work and other experience are evaluated before approval is granted to enroll in the internship. A handout to guide the internship is available from the faculty advisor. 160 work hours.

GES-387. Interactive Cartography. 3 Hours.

Advanced cartographic techniques for web delivery of interactive maps. Basic coding and script modification for interactive map images, preparation of base maps and data. Emphasis is placed on widely available open source tools.

GES-388. Field Camp. 3 Hours.

Consult the Schedule of Classes for specific destination and costs for this travel-based course. Students will perform a research project in a classroom setting prior to travel, and will meet for discussion and presentations of field work afterwards.

GES-389. Urban Design Studio. 3 Hours.

This studio course presents perspective, standards and techniques which integrate cultural, economic, political and social dimensions of urban life in the formulation and representation of urban plans and projects. Students gain an appreciation for theoretical and applied dimensions of urban design, and get hands-on training with computer assisted design projects.

GES-390. Remote Sensing & Digital Image Processing. 3 Hours.

Digital analysis of remotely sensed data using geographic information systems for large regions including rural and urban environments. Detection of a variety of natural resources in the natural and human environments, measurement of change and human impact.

GES-391. Geographic Information Systems I. 3 Hours.

An introduction to GIS technology for research applications. Students will study the conceptual and technical process of GIS research including project design, data acquisition, data manipulation, analysis, interpretation and display. Approved for graduate credit.

GES-392. Geographic Information Systems II. 3 Hours.

Students will learn advanced skills in Geographic Information Systems, including the concepts, methods and techniques of geospatial analysis and modeling. A variety of spatial data (both raster and vector) integration and analysis tools will be explored.

Prerequisite: GES-391 minimum grade of C.

GES-393. Geographic Information Systems III. 3 Hours.

This course focuses on advanced analysis of GIS data using scripts and programming. A variety of topics will be explored, including database management, model building, scripting and programming, and open source GIS.

Prerequisite: GES-391 minimum grade of C.

GES-395. GIS Internship. 3 Hours.

Supervised field experience using geospatial technologies. A formal proposal and reports are required. See department materials for specific guidelines and instructions.

Prerequisite: GES-391 minimum grade of C.

GES-396. Food And The City. 3 Hours.

In the face of growing awareness of global warming, food insecurity, oceanic dead zones, and a declining sense of community, urban agriculture has been championed by government and civil society organizations as a promising solution to a variety of socio-economic and environmental concerns. So what is urban food production really all about? This course will examine the historical contexts of urban agriculture, its current state, and future directions. Through literature and site visits students will examine various forms of urban food production; they will learn how these sites function and evaluate them within the context of the local food system.

GES-401. Seminar In Cultural Geography. 3 Hours.

Selected theories and methodologies of cultural geography and the current trends within the discipline; students prepare a seminar paper that incorporates the concepts of a specific approach applied to a local phenomenon.

GES-411. Scope And Philosophy Of Geography And Environmental Studies. 3 Hours.

Historical development of geography as a spatial discipline. History of conservation and modern environmentalism. Relationship between these two fields, and overview of the M.A. program and graduate level studies.

GES-413. Advanced Research Methods. 3 Hours.

This course develops concepts and skills for those preparing for graduate research (thesis or research paper) in the Department of Geography and Environmental Studies. Research design, data-gathering techniques, data analysis, research planning, quantitative, qualitative, and mixed method approaches and research designs will be covered. Students will interpret published research and produce a research proposal by the end of the semester.

Prerequisite: GES-411 minimum grade of C.

GES-415. Geospatial Data Analysis. 3 Hours.

Use of modern technologies in preparation of thematic maps, and an overview of spatial analysis with geographic information systems. Topics include data collection, input, storage, retrieval, manipulation and output.

GES-416. GIS For Natural Systems Management. 3 Hours.

Theory and concepts of data storage, retrieval, visualization, modelling, and output for natural resource applications and management. Students will develop spatial analysis techniques for environmental data, culminating in independently designed research projects.

Prerequisite: GES-391 minimum grade of C.

GES-417. Urban Information Systems. 3 Hours.

Analysis of urban environment with GIS. Use of public data to study urban processes such as suburbanization, segregation, economic development, network-based transportation and site location. Student exploration will culminate in a research project of the student's selection.

Prerequisite: GES-391 minimum grade of C.

GES-424. Human Dimensions Of Global Environmental Change. 3 Hours.

This course introduces students to the role of humans in driving environmental change across the planet. Drawing on the growing interdisciplinary literature on connections between social and ecological systems, students in this course will analyze the causes, consequences, and mitigation and adaptation options of anthropogenic environmental changes such as climate change and biodiversity loss. Students will be expected to integrate knowledge of human and non-human systems to enhance their understanding of contemporary global environmental problems.

GES-430. Research Seminar. 3 Hours.

Students conduct research and write a research paper on an approved topic to fulfill requirements for the Master of Arts degree. Credit for this course and GES-431 Thesis Seminar, will not be permitted. See departmental policies.

GES-435. Seminar In Physical Geography. 3 Hours.

Students will investigate geomorphic systems and the importance of physical geography for studying the Earth. This course will introduce the principles, models and theories of physical geography followed by a more applied look at the different landscapes. Book chapters, peer reviewed articles, discussion, and a research paper will be required.

Prerequisite: GES-205 minimum grade of C.

GES-437. Seminar: Global Wildlife Issues. 3 Hours.

Wildlife ecology, management, and policy are studied from global to local scales. Topics will include evolution and distribution of wildlife, habitat and territory, biomes and ecosystems. Human impacts will also be studied. These include habitat loss/disruption, hunting, pollution, introduction of new species and conservation efforts, environmental ethics, and environmental policies.

GES-440. Qualitative Research Methods In Geography & Environmental Studies. 3 Hours.

Students will explore advanced qualitative methodology topics and techniques related to Geography and Environmental Studies. Students will develop the foundational philosophical knowledge of qualitative inquiry, while practicing and applying various qualitative techniques related to the study of complex human-environment phenomena, resulting in individually tailored research projects. Research projects will involve collecting, analyzing, and representing qualitative data.

Prerequisites: GES-411 minimum grade of C and GES-413 minimum grade of C.

GES-442. Geographic Problems In Quantitative Measurements. 3 Hours.

Statistical applications in geography and environmental studies; reliability of quantitative formulas and studies; geometrics; statistical project required as part of the course.

GES-445. Seminar In Resource Management And Decision-Making. 3 Hours.

Research seminar involving the principles of decision-making as utilized in the field of resource management; application of these principles through research projects conducted in the Chicago Metropolitan area.

GES-449. Seminar In Land Use Controls. 3 Hours.

Research seminar concerning the rationale and methods of regulating the use of private land: land subdivision, zoning, growth control.

GES-450. Seminar In Urban Planning. 3 Hours.

Urban land use planning process emphasizing the analysis and application of policies for urban spatial structure, activity systems and land development. Review and criticism of official comprehensive plans of cities in the Chicago metropolitan area.

GES-453. Seminar In Sustainable Development. 3 Hours.

Advanced study of sustainable development in the context of science, economics, politics, culture, ecology, and ethics. Development and globalization are critiqued from a political economy perspective; both strengths and limitations of conventional systems are investigated. Institutions, policies, and strategies are analyzed, as are indicators of sustainability and development.

GES-454. Seminar: Population & Environment. 3 Hours.

Students will investigate population dynamics at various scales, including distribution and structure, theories, trends, projections, and policies. Environmental constraints and impacts of population on the natural environment will be explored.

GES-455. Seminar In Environmental Planning. 3 Hours.

Proactive land use strategies to minimize pollution, protect biodiversity and water and energy resources, and reduce vulnerability to natural hazards. Issues such as smart growth, sustainable transportation, sprawl watershed management, preservation, natural hazard mitigation and green design will be discussed, particularly those relating to the Chicago area. Planning tools such as GIS, economic analysis, environmental impact assessment. Some field trips possible.

GES-456. Seminar In U.S. Environmental Policy. 3 Hours.

Detailed exploration of environmental law and policy in the United States, including legal structures, processes, and constraints, notable successes and failures, role and influence of advocacy and interest groups, and major controversies relating to decentralization, market-based mechanisms, risk-based analysis, environmental justice, and others. Differences in state laws and performance will also be explored.

GES-457. Seminar: International Environmental Policy. 3 Hours.

Investigation of international efforts to address global environmental problems such as deforestation, climate change, ozone depletion, fisheries decline, toxic chemicals, etc., and analysis of their effectiveness. Explores regime theory, evolution of different international regimes and their weaknesses, obstacles to international cooperation, and the role of different actors as promoters of or obstacles to progress. The impact of globalization, North-South divisions, and the role of international organizations such as the United Nations and the World Bank are also examined.

GES-461. Independent Study In Geography And Environmental Studies. 3 Hours.

Independent research on a topic chosen in consultation with the instructor.

GES-461A. Independent Study In Geography And Environmental Studies. 3 Hours.

Independent research on a topic chosen in consultation with the instructor.

GES-462. Seminar In Environmental Education. 3 Hours.

In this course, students will explore, analyze, and critique advanced environmental education theories and practices. Students will gain an understanding of pedagogical tools and techniques related to a variety of ages, locations, and mechanisms of conservation education. Foundational knowledge will be combined with current research trends in the context of individualized projects.

GES-471. Seminar In Urban Geography. 3 Hours.

Intensive discussion, study and research on the most essential topics in urban geography; central place theory, urban renewal programs, population and economic development; field work.

GES-472. Seminar In Regional Geography: Third World Issues. 3 Hours.

Students will explore issues and challenges facing the poorer countries including economic development, resource exploitation, social inequity, and environmental degradation. Many of these problems are quite different from those of the developed world, and they also differ widely between regions of the Third World. Location and spatial arrangements will be explored in detail with current academic literature, from a variety of theoretical perspectives.

GES-483. Internship. 3 Hours.

Supervised field experience (160 work hours) with an agency related to the student's career interest. Prior course work and other experience is evaluated before approval is granted to enroll in the internship. A handout describing the design and reporting requirements is available.

GES-5901. Thesis Hours. 1 Hour.

Students conduct research and write a thesis to fulfill requirements for the Master of Arts degree. Credit for this course and 430 will not be permitted. See department policies.

GES-5902. Thesis Hours. 2 Hours.

See course description for GES-5901.

GES-5903. Thesis Hours. 3 Hours.

See course description for GES-5901.

Graduate Geographic Information Science Certificate

Graduate Geographic Information Science Certificate

Degree-seeking Graduate students and non-degree-seeking Graduate students may enroll in the Graduate Certificate Program.

Total of 18 credits hours which may be completed in one academic year (Fall-Summer):

Core Courses		12
GES-391	Geographic Information Systems I	
GES-392	Geographic Information Systems II	
GES-393	Geographic Information Systems III	
GES-442	Geographic Problems In Quantitative Measurements	
Electives		6
Select two of the following:		
GES-390	Remote Sensing & Digital Image Processing	
GES-416	GIS For Natural Systems Management	
GES-417	Urban Information Systems	
Total Hours		18

Major in Environmental Studies

Major In Environmental Studies for the Bachelor of Arts Degree

Environmental Studies is an applied major designed to give students knowledge of and the ability to develop solutions to environmental problems. Students focus on one of two areas:

1. environmental policy and planning, or
2. environmental interpretation / education.

Students in option 1 investigate the causes, results, and solutions to environmental problems from a policy perspective. They study regulations influencing environmental protection and degradation; they also gain practical skills useful in the field.

Students in option 2 specialize in community interaction and will qualify for careers as naturalists with parks and other outdoor agencies and as environmental educators in schools and non-profit organizations.

The program culminates with an internship experience in which the student applies knowledge, gains practical experience; it often constitutes a first job in an environmental career. To earn a Bachelor of Arts in Environmental Studies, students must complete 24 credit hours of core requirements and 18 credit hours of approved electives. Up to nine hours of credit from other relevant fields may be accepted toward the major, with advisor approval.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Environmental Studies requirements

Required Courses

GES-150 Introduction To Environmental Studies

GES-205	Physical Geography	3
GES-218	Conservation Of Natural Resources	3
GES-250	Writing Intensive Program: Writing in GES	3
GES-374	Research Methods	3
GES-383	Internship In Geography And Environmental Studies	3
Select two of the following:		6
GES-307	Environmental Education Seminar	
GES-309	Principles And Methods Of Environmental Interpretation	
GES-319	Environmental & Natural Resources Policy	
GES-338	Sustainable Development	
SUBTOTAL		24
Approved Electives		18
Total Hours		42

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
GES-109B	First Year Experience: Chicago Geographies: Environmental Chicago	3
General Education Course		3
General Education Course		3
General Education Course		3
General Education Course (MATH)		3
Term Hours		15

Term 2		Hours
GES-150	Introduction To Environmental Studies	3
ENGL-101	Writing I	3
General Education Course		3
General Education Course		3
General Education Course		3
Term Hours		15

Second Year

Term 1		Hours
GES-218	Conservation Of Natural Resources	3
General Education Course		3
General Education Course		3
General Education Course		3
Elective/Minor		3
Term Hours		15

Term 2		Hours
GES-205	Physical Geography	3
General Education Course		3
General Education Course		3
Minor/Elective		3
Minor/Elective		3
Term Hours		15

Third Year

Term 1		Hours
GES-250	Writing Intensive Program: Writing in GES	3
Env. Studies Elective		3
Env. Studies Short List		3
Minor/Elective		3
Minor/Elective		3
Term Hours		15

Term 2		
GES-374	Research Methods	3
Env. Studies Elective		3
Env. Studies Short List		3
Minor/Elective		3
Minor/Elective		3
		Term Hours
		15
Fourth Year		
Term 1		
GES-338	Sustainable Development	3
Env. Studies Elective		3
Env. Studies Elective		3
Minor/Elective		3
Minor/Elective		3
		Term Hours
		15
Term 2		
Env. Studies Elective		3
Env. Studies Elective		3
Env. Studies Elective		3
Minor/Elective		3
Minor/Elective		3
		Term Hours
		15
		Total Hours:
		120

Major in Geography

Major in Geography for the Bachelor of Arts Degree

Geography is the study of space and location; it is a practical discipline which incorporates knowledge from the natural and social sciences to address problems of a spatial dimension. Geographers describe spatial patterns – where things are, where they are not, and why they are distributed that way. They determine optimal locations – for example, where a business should be or where to purchase a home. They also study interactions, such as travel patterns, trade, and migration.

Many geographers use Geographic Information Systems: computer software that merges maps, data, and analysis. The Department's GIS Certificate Program can be incorporated into their major as electives or may be taken for the Certificate alone, outside of the degree program. A minor in Geographic Information Science, which results in a Certificate as well, is also available.

In addition to the required courses in geography, students may choose to specialize in urban and social geography or geospatial techniques. The first option focuses on the study of metropolitan areas and the socio-spatial patterns that characterize them. Students are introduced to principles of urban planning and urban design and the dynamics of urbanization. The latter option includes instruction in field methods, computer-assisted mapping, statistics, geographic information science, and interpretation of aerial photos and satellite images.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Geography requirements

Required Courses

GES-104	World Geography	3
GES-205	Physical Geography	3
GES-250	Writing Intensive Program: Writing in GES	3

GES-291	GIS Across Disciplines	3
or GES-391	Geographic Information Systems I	
Select one of the following:		3
GES-212	Economic Geography	
GES-213	Cultural Geography	
GES-217	Urban Geography	
GES-314	Political Geography	
GES-362	Population Geography	
Select one Regional Geography from the GES-302 series		3
Select one Field Course (see departmental notes)		3
ELECTIVES		15
Total Hours		36

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
GES-109A	First Year Experience: Global Chicago	3
General Education Course		3
General Education Course		3
General Education Course		3
General Education Course (MATH)		3

Term Hours 15

Term 2		
GES-104	World Geography	3
ENGL-101	Writing I	3
General Education Course		3
General Education Course		3
Elective		3

Term Hours 15

Second Year

Term 1		
GES-205	Physical Geography	3
General Education Course		3
General Education Course		3
General Education Course		3
Minor/Elective		3

Term Hours 15

Term 2		
General Education Course		3
General Education Course		3
Minor/Elective		3
Minor/Elective		3
Human Geography Course		3

Term Hours 15

Third Year

Term 1		
GES-250	Writing Intensive Program: Writing in GES	3
GES-291 or 391	GIS Across Disciplines	3
GES Elective		3
Minor/Elective		3
Minor/Elective		3

Term Hours 15

Term 2		
GES Elective		3
GES 302 - Regional Geography class (title varies)		3

Minor/Elective	3
Minor/Elective	3
Minor/Elective	3

Term Hours 15

Fourth Year

Term 1

Minor/Elective	3
Minor/Elective	3
Minor/Elective	3
GES Elective	3
Field Course from Short List	3

Term Hours 15

Term 2

Minor/Elective	3
Minor/Elective	3
Minor/Elective	3
GES Elective	3
GES Elective	3

Term Hours 15

Total Hours: 120

Master of Arts in Geography and Environmental Studies

The Master of Arts degree program provides advanced analysis of spatial and environmental interrelationships. This 33 credit hour program prepares students for positions in environmental policy planning, and management in government, industry, and non-profit organizations; in environmental education and nature interpretation; and in other areas where geographers, planners, and environmental professionals are needed.

Requirements for Admission to the Program:

Students must fulfill the requirements for admission to the Graduate College. Applicants must have the equivalent of an undergraduate minor in Geography & Environmental Studies or will be required to take extra undergraduate coursework prior to full admission. Students must provide a two-page Statement of Goals and Objectives as part of their application. This statement should demonstrate the student's writing skills and should specify as clearly as possible academic/professional goals and the reasons for selecting the G&ES program of study.

Degree Requirements:

All graduate credits must be at the 400 level, except for a maximum of 10 credit hours from a limited list of university approved 300-level courses. Students should consult with the Department for the limited list; some courses on the list may require specific approval by the Department's Graduate Coordinator.

Students must write either a thesis (6 cr.) or major research paper (3 cr.) under the supervision of a Program Advisor and faculty committee. A formal approval of the proposal by the committee is required prior to registration. For students undertaking the thesis, an oral defense is also required. For students enrolled in the research paper option, a written comprehensive examination covering their chosen area of specialization as well as knowledge of geography, environmental studies, and disciplinary techniques must be completed.

Required Courses

GES-411	Scope And Philosophy Of Geography And Environmental Studies	3
GES-413	Advanced Research Methods	3
Select two of the following:		6
GES-391	Geographic Information Systems I	
GES-442	Geographic Problems In Quantitative Measurements	
GES-440	Qualitative Research Methods In Geography & Environmental Studies	
One of the following:		3-6
GES-430	Research Seminar	
OR 6 cr. hrs. of Thesis Hours (GES 5901, 5902, 5903)		
Approved Electives		15-18
Total Hours		33

Students enrolled in the thesis option (6 credit hours) are required to take 15 credit hours of electives, while students enrolled in the non-thesis option (3 credit hours) are required to take 18 credit hours of electives. In that way, along with the other requirements of the program, ALL students finish with a total of 33 credit hours.

Pass Comprehensive Exam (research paper option)

Thesis Defense (thesis option)

Minor in Environmental Studies

Minor In Environmental Studies (18 credit hours)

The minor in environmental studies provides students a sound foundation in environmental issues at the local and global scales. Problems and solutions are explored in classes covering resource management, sustainability, environmental interpretation, and more.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Environmental Studies requirements

GES-150	Introduction To Environmental Studies	3
Approved Electives		15
Total Hours		18

Minor in Geography

Minor In Geography (18 credit hours)

The minor in geography complements a wide variety of majors and provides the student with the concepts and tools for understanding places and spatial processes. Geography minors may focus their electives on regional studies, on techniques, or on the more theoretical spatial processes of human and natural environments.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

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Minor in Geography requirements

GES-104	World Geography	3
Approved Electives		15
Total Hours		18

Graduate Geographic Information Science Certificate

Graduate Geographic Information Science Certificate

Degree-seeking Graduate students and non-degree-seeking Graduate students may enroll in the Graduate Certificate Program.

Total of 18 credits hours which may be completed in one academic year (Fall-Summer):

Core Courses		12
GES-391	Geographic Information Systems I	
GES-392	Geographic Information Systems II	
GES-393	Geographic Information Systems III	
GES-442	Geographic Problems In Quantitative Measurements	
Electives		6
Select two of the following:		
GES-390	Remote Sensing & Digital Image Processing	
GES-416	GIS For Natural Systems Management	
GES-417	Urban Information Systems	
Total Hours		18

Major in Environmental Studies

Major In Environmental Studies for the Bachelor of Arts Degree

Environmental Studies is an applied major designed to give students knowledge of and the ability to develop solutions to environmental problems. Students focus on one of two areas:

1. environmental policy and planning, or
2. environmental interpretation / education.

Students in option 1 investigate the causes, results, and solutions to environmental problems from a policy perspective. They study regulations influencing environmental protection and degradation; they also gain practical skills useful in the field.

Students in option 2 specialize in community interaction and will qualify for careers as naturalists with parks and other outdoor agencies and as environmental educators in schools and non-profit organizations.

The program culminates with an internship experience in which the student applies knowledge, gains practical experience; it often constitutes a first job in an environmental career. To earn a Bachelor of Arts in Environmental Studies, students must complete 24 credit hours of core requirements and 18 credit hours of approved electives. Up to nine hours of credit from other relevant fields may be accepted toward the major, with advisor approval.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)*	6
2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	
Humanities (HU)*	9
3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	
Behavioral/Social Sciences (SB)*	9
3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	
Natural Sciences (NS and NSL)**	9
3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	
Math/Quantitative Reasoning (MA)	At least 3
1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Environmental Studies requirements

Required Courses

GES-150 Introduction To Environmental Studies

GES-205	Physical Geography	3
GES-218	Conservation Of Natural Resources	3
GES-250	Writing Intensive Program: Writing in GES	3
GES-374	Research Methods	3
GES-383	Internship In Geography And Environmental Studies	3
Select two of the following:		6
GES-307	Environmental Education Seminar	
GES-309	Principles And Methods Of Environmental Interpretation	
GES-319	Environmental & Natural Resources Policy	
GES-338	Sustainable Development	
SUBTOTAL		24
Approved Electives		18
Total Hours		42

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

		Hours
Term 1		
GES-109B	First Year Experience: Chicago Geographies: Environmental Chicago	3
General Education Course		3
General Education Course		3
General Education Course		3
General Education Course (MATH)		3
		Term Hours

15

Term 2		
GES-150	Introduction To Environmental Studies	3
ENGL-101	Writing I	3
General Education Course		3
General Education Course		3
General Education Course		3
		Term Hours

15

Second Year

Term 1		
GES-218	Conservation Of Natural Resources	3
General Education Course		3
General Education Course		3
General Education Course		3
Elective/Minor		3
		Term Hours

15

Term 2		
GES-205	Physical Geography	3
General Education Course		3
General Education Course		3
Minor/Elective		3
Minor/Elective		3
		Term Hours

15

Third Year

Term 1		
GES-250	Writing Intensive Program: Writing in GES	3
Env. Studies Elective		3
Env. Studies Short List		3
Minor/Elective		3
Minor/Elective		3
		Term Hours

15

Term 2		
GES-374	Research Methods	3
Env. Studies Elective		3
Env. Studies Short List		3
Minor/Elective		3
Minor/Elective		3
		Term Hours
		15
Fourth Year		
Term 1		
GES-338	Sustainable Development	3
Env. Studies Elective		3
Env. Studies Elective		3
Minor/Elective		3
Minor/Elective		3
		Term Hours
		15
Term 2		
Env. Studies Elective		3
Env. Studies Elective		3
Env. Studies Elective		3
Minor/Elective		3
Minor/Elective		3
		Term Hours
		15
		Total Hours:
		120

Major in Geography

Major in Geography for the Bachelor of Arts Degree

Geography is the study of space and location; it is a practical discipline which incorporates knowledge from the natural and social sciences to address problems of a spatial dimension. Geographers describe spatial patterns – where things are, where they are not, and why they are distributed that way. They determine optimal locations – for example, where a business should be or where to purchase a home. They also study interactions, such as travel patterns, trade, and migration.

Many geographers use Geographic Information Systems: computer software that merges maps, data, and analysis. The Department's GIS Certificate Program can be incorporated into their major as electives or may be taken for the Certificate alone, outside of the degree program. A minor in Geographic Information Science, which results in a Certificate as well, is also available.

In addition to the required courses in geography, students may choose to specialize in urban and social geography or geospatial techniques. The first option focuses on the study of metropolitan areas and the socio-spatial patterns that characterize them. Students are introduced to principles of urban planning and urban design and the dynamics of urbanization. The latter option includes instruction in field methods, computer-assisted mapping, statistics, geographic information science, and interpretation of aerial photos and satellite images.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Geography requirements

Required Courses

GES-104	World Geography	3
GES-205	Physical Geography	3
GES-250	Writing Intensive Program: Writing in GES	3

GES-291	GIS Across Disciplines	3
or GES-391	Geographic Information Systems I	
Select one of the following:		3
GES-212	Economic Geography	
GES-213	Cultural Geography	
GES-217	Urban Geography	
GES-314	Political Geography	
GES-362	Population Geography	
Select one Regional Geography from the GES-302 series		3
Select one Field Course (see departmental notes)		3
ELECTIVES		15
Total Hours		36

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
GES-109A	First Year Experience: Global Chicago	3
General Education Course		3
General Education Course		3
General Education Course		3
General Education Course (MATH)		3

Term Hours 15

Term 2		
GES-104	World Geography	3
ENGL-101	Writing I	3
General Education Course		3
General Education Course		3
Elective		3

Term Hours 15

Second Year

Term 1		
GES-205	Physical Geography	3
General Education Course		3
General Education Course		3
General Education Course		3
Minor/Elective		3

Term Hours 15

Term 2		
General Education Course		3
General Education Course		3
Minor/Elective		3
Minor/Elective		3
Human Geography Course		3

Term Hours 15

Third Year

Term 1		
GES-250	Writing Intensive Program: Writing in GES	3
GES-291 or 391	GIS Across Disciplines	3
GES Elective		3
Minor/Elective		3
Minor/Elective		3

Term Hours 15

Term 2		
GES Elective		3
GES 302 - Regional Geography class (title varies)		3

Minor/Elective	3
Minor/Elective	3
Minor/Elective	3

Term Hours 15

Fourth Year

Term 1

Minor/Elective	3
Minor/Elective	3
Minor/Elective	3
GES Elective	3
Field Course from Short List	3

Term Hours 15

Term 2

Minor/Elective	3
Minor/Elective	3
Minor/Elective	3
GES Elective	3
GES Elective	3

Term Hours 15

Total Hours: 120

Master of Arts in Geography and Environmental Studies

The Master of Arts degree program provides advanced analysis of spatial and environmental interrelationships. This 33 credit hour program prepares students for positions in environmental policy planning, and management in government, industry, and non-profit organizations; in environmental education and nature interpretation; and in other areas where geographers, planners, and environmental professionals are needed.

Requirements for Admission to the Program:

Students must fulfill the requirements for admission to the Graduate College. Applicants must have the equivalent of an undergraduate minor in Geography & Environmental Studies or will be required to take extra undergraduate coursework prior to full admission. Students must provide a two-page Statement of Goals and Objectives as part of their application. This statement should demonstrate the student's writing skills and should specify as clearly as possible academic/professional goals and the reasons for selecting the G&ES program of study.

Degree Requirements:

All graduate credits must be at the 400 level, except for a maximum of 10 credit hours from a limited list of university approved 300-level courses. Students should consult with the Department for the limited list; some courses on the list may require specific approval by the Department's Graduate Coordinator.

Students must write either a thesis (6 cr.) or major research paper (3 cr.) under the supervision of a Program Advisor and faculty committee. A formal approval of the proposal by the committee is required prior to registration. For students undertaking the thesis, an oral defense is also required. For students enrolled in the research paper option, a written comprehensive examination covering their chosen area of specialization as well as knowledge of geography, environmental studies, and disciplinary techniques must be completed.

Required Courses

GES-411	Scope And Philosophy Of Geography And Environmental Studies	3
GES-413	Advanced Research Methods	3
Select two of the following:		6
GES-391	Geographic Information Systems I	
GES-442	Geographic Problems In Quantitative Measurements	
GES-440	Qualitative Research Methods In Geography & Environmental Studies	
One of the following:		3-6
GES-430	Research Seminar	
OR 6 cr. hrs. of Thesis Hours (GES 5901, 5902, 5903)		
Approved Electives		15-18
Total Hours		33

Students enrolled in the thesis option (6 credit hours) are required to take 15 credit hours of electives, while students enrolled in the non-thesis option (3 credit hours) are required to take 18 credit hours of electives. In that way, along with the other requirements of the program, ALL students finish with a total of 33 credit hours.

Pass Comprehensive Exam (research paper option)

Thesis Defense (thesis option)

Minor in Environmental Studies

Minor In Environmental Studies (18 credit hours)

The minor in environmental studies provides students a sound foundation in environmental issues at the local and global scales. Problems and solutions are explored in classes covering resource management, sustainability, environmental interpretation, and more.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

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Minor in Environmental Studies requirements

GES-150	Introduction To Environmental Studies	3
Approved Electives		15
Total Hours		18

Minor in Geography

Minor In Geography (18 credit hours)

The minor in geography complements a wide variety of majors and provides the student with the concepts and tools for understanding places and spatial processes. Geography minors may focus their electives on regional studies, on techniques, or on the more theoretical spatial processes of human and natural environments.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

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Minor in Geography requirements

GES-104	World Geography	3
Approved Electives		15
Total Hours		18

Minor in Geographic Information Science

Minor in Geographic Information Science (GIS)

Through a series of courses, students will learn how to create, collect, assemble, manage, manipulate, analyze, and display raster images, such as those from aerial photography and remote sensing, and vector spatial data, along with their associated attributes. They will apply the skills gained through lectures, readings, and assignments to analyze data at all scales and produce maps and reports. These skills complement many majors.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Geographic Information Science requirements

Required courses:

GES-391	Geographic Information Systems I	3
GES-392	Geographic Information Systems II	3
GES-393	Geographic Information Systems III	3
GES-351	Spatial Statistics (or other approved statistics course)	3
Two of the following:		6
GES-377	Computer Cartography	
GES-387	Interactive Cartography	
GES-390	Remote Sensing & Digital Image Processing	
GES-395	GIS Internship	

Total Hours

18

Please see program coordinator for further information.

Undergraduate Certificate in GIS

Undergraduate degree-seeking students and non-degree-seeking students may apply to the Undergraduate Certificate Program.

Total of 15 credits hours which often may be completed in one calendar year.

Core Courses

GES-391	Geographic Information Systems I	3
GES-392	Geographic Information Systems II	3
GES-393	Geographic Information Systems III	3
Electives		
Select two of the following:		6
GES-377	Computer Cartography	
GES-387	Interactive Cartography	
GES-390	Remote Sensing & Digital Image Processing	
GES-395	GIS Internship	

Total Hours		15
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Students must also complete a statistics requirement by passing either one statistics class or the proficiency exam. Consult the GIS advisor for more information. Credits obtained in these courses may also be applied towards major or minor degree programs in G&ES.

History

The Department of History is committed to providing all students with an historical perspective in its undergraduate and graduate courses so they can better understand the present and can look to the future with a knowledge of the past. The department offers a comprehensive range of courses that explore human history at all times and places. The tools taught by the historian aid all students in their preparation for careers.

The Department of History offers courses leading to the degrees of Bachelor of Arts and Master of Arts. In addition, the Department offers a minor.

NOTE: Many history courses have been renumbered and others consolidated. Students who took a course under one number will not receive credit for taking the same course under its new number.

- Major in History (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/history/history>)
- Minor in History (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/history/minor-history>)
- Master of Arts in History (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/history/master-arts-history>)

Michael W. Tuck, Ph.D., Associate Professor, Chair

Christina Bueno, Ph.D., Associate Professor

Andrew Eisenberg, Ph.D., Professor

Mateo Farzaneh, Ph.D., Associate Professor

Patrick B. Miller, Ph.D., Professor

Francesca Morgan, Ph.D., Associate Professor

Joshua Salzmänn, Ph.D., Assistant Professor

Charles R. Steinwedel, Ph.D., Professor

HIST-109. First Year Experience: History Of Chicago. 3 Hours.

Chicago is the most "American" of the major cities and has been at the forefront of change. In 50 years Chicago transformed from a fur-trading crossroads to a major industrial center, and that speed made it a city of stark contrasts. Enormous tensions emerged between the entrepreneurial forces that built the city and the countervailing social forces that strived to humanize it. A stream of immigrants played an integral role in shaping the city, contributing to economic and cultural development. Chicagoans faced huge challenges and as a result became pioneers of the economic, social, and political trends that shaped modern America.

HIST-111A. World History: The Origins Of The West, To 1500. 3 Hours.

Survey of the formation of Western Civilization from its ancient Mediterranean origins until the European Renaissance.

HIST-111B. World History: The West And The World, 1500-Present. 3 Hours.

Survey of Western Civilization from the Renaissance to the present age of expanded European influence.

HIST-111C. World History: East Asia. 3 Hours.

Survey of the history and culture of East Asia, with emphasis on China and Japan from antiquity to the present.

HIST-111D. World History: Latin America. 3 Hours.

Survey of the history and culture of Latin America, with emphasis on the last 500 years.

HIST-111E. World History: Africa. 3 Hours.

Survey of the history and culture of Africa with emphasis on the relations between Africa and the wider world.

HIST-111F. World History: Islam. 3 Hours.

Survey of the role of Muslims in World History, with emphasis on the diversity of their religious, social, cultural and economic lives and their change over time.

HIST-214. United States History 1607-1877. 3 Hours.

Social, political, intellectual, diplomatic and economic development of the American colonies and the United States from the beginnings through 1877.

HIST-215. United States History 1877-Present. 3 Hours.

Social, political, intellectual, diplomatic and economic development of the United States from 1877 to present.

HIST-275. Writing Intensive Program: Writing And Methods For Majors. 3 Hours.

The purpose of this course is to introduce History majors to the methods and writing skills necessary to succeed in their chosen discipline. The writing assignments in the course are intended to help students develop skills in analyzing sources, evaluating books, and producing historiographical essays that will benefit students in the other courses they take for the major, and beyond. Instructors will choose content on a historical theme that highlights how historians interpret the past from diverse perspectives that change over time.

Requirement: one course in History

Prerequisite: ENGL-101 minimum grade of C.

HIST-300A. Ancient Greece. 3 Hours.

Social, political and intellectual history of Greece, from the age of Homer through the Peloponnesian War. Readings include selections from poetry, drama, history and philosophy of the period. Two courses in history or consent of instructor.

HIST-300B. Ancient Rome. 3 Hours.

The history of Rome from prehistoric cultures to the end of the Roman Empire. Two courses in history or consent of instructor.

HIST-301. Medieval Europe. 3 Hours.

Major themes of the Middle Ages in Europe with emphasis on Western Europe. Two courses in history or consent of instructor.

HIST-302A. Age Of Renaissance. 3 Hours.

The political and cultural history of Italy and Northern Europe from 1300-1600. Two courses in history or consent of instructor.

HIST-302B. Age Of Reformation. 3 Hours.

The religious crisis within Roman Catholicism and the genesis and growth of the Protestant movement. Two courses in history or consent of instructor.

HIST-303. Europe During The Ancien Regime 17th And 18th Centuries. 3 Hours.

The political, economic, social and intellectual development of Europe in the seventeenth and eighteenth centuries. Two courses in history or consent of instructor.

HIST-304. Europe In The Age Of Revolution 1789-1871. 3 Hours.

The historical forces in European society from the French Revolution to the completion of the unification processes. Two courses in history or consent of instructor.

HIST-305. Europe In The Age Of Imperialism 1871-1919. 3 Hours.

The historical forces in European society during the period of great territorial expansion and rivalry culminating in the First World War. Two courses in history or consent of instructor.

HIST-306. Europe In The Age Of Ferment 1919-Present. 3 Hours.

European history in the time of recurrent warfare, dislocation, authoritarianism and reappraisal. Two courses in history or consent of instructor.

HIST-307A. The Age Of The Baroque. 3 Hours.

An examination of the intellectual and cultural history of seventeenth-century Europe, with special emphasis on scientific, philosophical, political and religious thought. Two courses in history or consent of instructor.

HIST-307B. The Age Of The Enlightenment. 3 Hours.

An examination of the intellectual and cultural history of eighteenth-century Europe, with special emphasis on religious, political and philosophical thought. Two courses in history or consent of instructor.

HIST-311A. History Of England To 1688. 3 Hours.

Survey of English history to the revolution of 1688; emphasis on significant themes, such as the evolution of monarchy and parliament, medieval society, the Elizabethan world and constitutional crisis in Stuart England. Two courses in history or consent of instructor.

HIST-311B. History Of England 1688-Present. 3 Hours.

The political, economic and cultural forces that shaped Great Britain. Emphasis on the class structure, the transition to an industrial society, Georgian and Victorian culture, contemporary Britain. Two courses in history or consent of instructor.

HIST-312. Tudor England. 3 Hours.

Major political, social, intellectual and economic trends in sixteenth century England. Two courses in history or consent of instructor.

HIST-313A. History Of Prussia-Germany 1640-1918. 3 Hours.

Study of the evolution of Prussia in the seventeenth and eighteenth centuries with emphasis upon her role in the political and social institutions of Germany, Europe and the world through 1918. Two courses in history or consent of instructor.

HIST-313B. Twentieth Century Germany. 3 Hours.

Study of the problems faced by twentieth century Germany, including the demise of the Weimar Republic and the political and social origins of the Nazi Movement, and the situation of post-war Germany. Two courses in history or consent of instructor.

HIST-314A. Russian History From The Varangians To 1855. 3 Hours.

The Russian people, state and culture from their origins to the death of Nicholas I. Two courses in history or consent of instructor.

HIST-314B. Russian And Soviet History 1855 To Present. 3 Hours.

The political, diplomatic, intellectual and social development of the peoples of the Russian Empire and the Soviet Union from the accession of Alexander II to the present. Two courses in history or consent of instructor.

HIST-315. Women In Medieval Society. 3 Hours.

Survey of the status of women in medieval Europe beginning with the settlement of the barbarians and ending with the high middle ages. Two courses in history or consent of instructor.

HIST-317. French Revolution, World Revolutions 1789-Present. 3 Hours.

Survey of the French Revolution (1789-1795), with the special emphasis on the political and social principles of the Old Regime and the tension between established order and political discontent. Two courses in history or consent of instructor.

HIST-320. Colonial History Of The United States 1607-1775. 3 Hours.

The nature of colonial government, town life, literature, as well as a comparison of the development of major colonies; key personalities of the period, such as Benjamin Franklin, Cotton Mather, Jonathan Edwards and Thomas Jefferson are studied in detail; designed for American history majors. Two courses in history or consent of instructor.

HIST-321. The American Revolution 1763-1789. 3 Hours.

Intensive study of the events leading to American Independence; social and political changes accompanying independence; America under the Articles of Confederation; the writing and adoption of the Constitution. Two courses in history or consent of instructor.

HIST-322. The National Period 1789-1824. 3 Hours.

Study of the formative years of the American Republic from the promulgation of the Constitution in 1789 to the end of the so-called "era of good feelings" in 1824. Two courses in history or consent of instructor.

HIST-323. Jacksonian Era And Sectional Crisis 1824-1860. 3 Hours.

Various political, economic, social and intellectual developments involved in the rise of Jacksonian Democracy; the growth of democracy at the state and national levels, the new conception of the presidency, economic growth; nationalism, sectionalism and the socioeconomic factors leading to the breakdown of constitutional government and the beginning of the Civil War. Two courses in history or consent of instructor.

HIST-324. The Civil War And Reconstruction 1860-1877. 3 Hours.

The inevitability of the U.S. Civil War (1861-1865); the inevitability of the war's outcome; and the terms on which the Confederacy's eleven states, and what was left of the United States, reunited, will all be explored. The end of slavery, and the Reconstruction-era beginnings of black civil rights, are additional important topics. Two courses in history or consent of instructor.

Prerequisite: ENGL-101 minimum grade of C.

HIST-325. Industrial And Progressive America 1877-1929. 3 Hours.

Study of the formative years of modern America from the conclusion of reconstruction, through the Progressive Era and the administration of Herbert Hoover with emphasis on those ideas, institutions and factors which help explain the growth of present urban and industrial America. Two courses in history or consent of instructor.

HIST-326. The Era Of Franklin D Roosevelt 1929-1945. 3 Hours.

In-depth study of the causes and consequences of the Great Depression, the New Deal response to the crisis, and the road to and involvement in World War II, with special emphasis on the leadership of Franklin D. Roosevelt. Two courses in history or consent of instructor.

HIST-327. The United States In The Age Of Crisis 1945 - Present. 3 Hours.

General survey of the political, diplomatic, economic and social forces which have developed in the U.S. since 1945 with particular emphasis on the crisis in domestic America. Two courses in history or consent of instructor.

HIST-329A. African American History To 1865. 3 Hours.

Thematic survey of the history of Black Americans from the era of slavery to the conclusion of the Civil War with emphasis on racial ideologies, the experiences of both slaves and free people of color, and the abolitionist crusade. Two courses in history or consent of instructor.

HIST-329B. African American History And Race Relations Since 1865. 3 Hours.

Thematic survey of the history of Black Americans from the end of the Civil War to the present day with an emphasis on such topics as Reconstruction, African American thought and experience during the era of segregation, the great Migration and Cultural Renaissance of the 20's and the modern Civil Rights Movement. Two courses in history or consent of instructor.

HIST-330A. U.S. Social History 1607-1865. 3 Hours.

Introduction to the problems of social history, especially social structure, cohesion, conflict and attitudes applied to the development of American sectional societies from the founding of the colonies to the end of the Civil War with special attention to the variety of forms of social organization and the growth of diversity in American culture. Two courses in history or consent of instructor.

HIST-330B. U.S. Social History 1865-Present. 3 Hours.

The social dimensions of nationalization and industrialization, with special emphasis on the decline of geographically defined communities, the rise of communities of interest, rationalization of social structures, and the process of alienation. Two courses in history or consent of instructor.

HIST-331A. Cultural And Intellectual History Of The United States 1607-1865. 3 Hours.

Introduction to the major ideological systems in the colonial and national periods: political and religious philosophy, as well as key individual thinkers. Two courses in history or consent of instructor.

HIST-331B. Cultural And Intellectual History Of The United States 1865 To Present. 3 Hours.

The modern period in intellectual history including social Darwinism, pragmatism and liberalism. Two courses in history or consent of instructor.

HIST-332B. United States Foreign Relations 1914 - Present. 3 Hours.

The United States as a world power, the aftermath of World War I, new relationships with Latin American, Asia and Europe; the United States and the Long Armistice; American involvement in World War II, and the Cold War. Two courses in history or consent of instructor.

HIST-333. American Ethnic History. 3 Hours.

The role of ethnicity in the development of American history, with special emphasis on the era of industrialization and urbanization including all major ethnic and racial groups, Blacks, American Indians, Hispanics and western and eastern Europeans with attention to the social and cultural experience of slavery, immigration, alienation, social mobility, acculturation and assimilation, politics and discrimination. Two courses in history or consent of instructor.

HIST-334. History Of American Sports. 3 Hours.

The rise of organized sports from its simple pre-modern origins to its present complex state; the evolution of major amateur and professional sports in relation to prevailing historical developments, emphasizing the impact of industrial capitalism and urbanization with attention to the role of ethnic and racial groups, social classes, gambling, gender, politics, international relations and social mobility. Two courses in history or consent of instructor.

HIST-335. History Of Crime And Violence In America. 3 Hours.

Survey of the historic patterns of crime and violence and the evolution of the criminal justice system in the United States from the colonial era to the present day. Two courses in history or consent of instructor.

HIST-337. History Of The South 1877 To The Present. 3 Hours.

Intensive study of the politics of the South after Reconstruction; the emergence of the industrial South; the Black's place in this new situation, and the rise of segregation at the turn of the century with particular attention to the problem of the Black American and the value system of the South in light of civil rights consideration. Two courses in history or consent of instructor.

HIST-338. Women In American History. 3 Hours.

Survey, from colonial times to the present, of the role of woman in America including women's reform movements. Two courses in history or consent of instructor.

HIST-340. History Of U.S. Economic Institutions. 3 Hours.

Historical changes from regional markets to national and multinational markets and responses in business institutions, land policies and agriculture; organizations for trade and commerce and for workers; impact of pacesetting industries. Two courses in history or consent of instructor.

HIST-341. Issues In 20th Century Business History. 3 Hours.

Topics in the history of organizational changes in the workplace and the corporation; the relationship between government and business; the non-profit sector and philanthropy; the business of mass media. Two courses in history or consent of instructor.

HIST-342. The City In American History. 3 Hours.

General survey of urban America with emphasis on various topics such as the changing function and character of cities, immigration, reform, and urban planning. Two courses in history or consent of instructor.

HIST-345. Mexican American History. 3 Hours.

An introduction to major themes in the history of Mexicans in America from the colonial era to the present, including discussions of the social, political, and economic conditions Mexicans and Mexican Americans have confronted; examinations of how these conditions differ over time and between regions; and explorations of important issues in contemporary Mexican American history. Surveys a variety of primary and secondary sources from different mediums to offer a better understanding of Mexican-origin populations as immigrants to the United States, internal migrants within the U.S., and settled residents and citizens throughout the nation.

Prerequisites: HIST-111A minimum grade of D and HIST-111B minimum grade of D and HIST-214 minimum grade of D and HIST-215 minimum grade of D.

HIST-350. History Of Brazil. 3 Hours.

Survey of the history of Brazil; pre-Columbian roots in the Western Hemisphere, Western Europe's influence, and the present with emphasis on political and economic developments in the last two centuries. Two courses in history or consent of instructor.

HIST-351. Central America And The Caribbean. 3 Hours.

History of Central America and of the major islands of the Caribbean, emphasizing the period since independence and the relation with the United States. Two courses in history or consent of instructor.

HIST-353. History Of Mexico. 3 Hours.

Early Indian civilization; colonial and national periods with emphasis on race relations, the class structure, the church, latifundia, intellectual life, the revolution and the impact of industrialization in the twentieth century. Two courses in history or consent of instructor.

HIST-354. Contemporary Latin America. 3 Hours.

A survey of twentieth century political events and socio-economic factors that have shaped Latin America, beginning with the U.S. intervention in the Spanish-American War to the Age of Privatization. Two courses in history or consent of instructor.

HIST-360. History Of Pre-Modern China. 3 Hours.

Introduction to the civilizations of China; philosophy, political history, religion, literature, art and material culture with emphasis on both the specific data and broad interpretations of Chinese history. Two courses in history or consent of instructor.

HIST-361. Modern Chinese History. 3 Hours.

Modern Chinese history; institutional and intellectual changes and developments brought about in China by modernization, rebellion, revolution and war. Two courses in history or consent of instructor.

HIST-362. History Of Japan To 1850. 3 Hours.

The development of Japan from its prehistory until the mid-nineteenth century emphasizing the data of Japanese history and the major paradigmatic approaches to its study. Two courses in history or consent of instructor.

HIST-363. History Of Japan Since 1850. 3 Hours.

History of Japan from the mid-nineteenth century, including Japan's opening to the West; the Meiji Restoration, industrialization, constitutional government, imperialism, World War II, the American Occupation and postwar economic, political and cultural developments. Two courses in history or consent of instructor.

HIST-370. Precolonial Sub-Saharan Africa. 3 Hours.

Historical survey of Sub-Saharan Africa until the early nineteenth century with emphasis on such topics as state formation and traditional African politics, the historical significance of African culture, the influence of Christianity and Islam, the slave trade and other consequences of contact with Europe. Two courses in history or consent of instructor.

HIST-371. Nineteenth And Twentieth Century Africa. 3 Hours.

Critical issues in the history of sub-Saharan Africa during the nineteenth and twentieth centuries such as the historical significance of African culture, the structure and function of traditional political institutions, European imperialism, the administration of colonial rule and consequent socioeconomic change, the impact of the world wars, the growth of African nationalist movements and the achievement of independence. Two courses in history or consent of instructor.

HIST-372. History Of Southern Africa, 1800-Present. 3 Hours.

This course covers the major themes in the history of Southern Africa in the last 200 years. The primary focus is on the lives of Africans and how people shaped their world, especially under the strains of colonialism and apartheid, and in their struggle for independence. Although the country of South Africa will occupy a significant place in the course, important processes like industrialization affected the entire region, and surrounding colonies and countries also will be studied. Two courses in history or consent of instructor.

HIST-373. Women & Gender In African History. 3 Hours.

This course examines the related issues of women and gender in Africa, primarily in the last 200 years. Among the major topics it covers are women's experience in agricultural societies and in urban areas, and their roles as traders, laborers, and political leaders. It will also explore differences among women in Africa, for example in social standing, religion, and ethnicity. Two courses in history or consent of instructor.

HIST-380. History Of Christianity. 3 Hours.

Analytical survey of the institutional, social and cultural origins of Christianity and the development of that religion from the ancient world to the present with attention to the dynamics of the relationships between Christianity and the various cultures in which it has been housed. Two courses in history or consent of instructor.

HIST-381. History Of The Second World War. 3 Hours.

Intensive study of the Second World War, in its global aspects and implication, including post-war developments and the cold war. Two courses in history or consent of instructor.

HIST-382. The World In The Twentieth Century. 3 Hours.

Contemporary world developments, including the causes and consequences of the two world wars, their impact on the non-European world, the rise of World Communism, the break up of the colonial empires, etc. Two courses in history or consent of instructor.

HIST-391. Contemporary Historical Problems. 3 Hours.

Exploration and analysis of important current political, economic, social and cultural issues. Consult the schedule of Classes for specific topics. Two courses in history or consent of instructor.

HIST-392. Problems In History. 3 Hours.

Exploration and analysis of topics in history; relevant sources and scholarly research. Consult the Schedule of Classes for specific topics. Two courses in history or consent of instructor.

HIST-393. Pro-Seminar In History. 3 Hours.

Intensive reading and discussion. Students will be assigned weekly readings, prepare papers and discuss some major aspect of history. Two courses in history or consent of instructor.

HIST-394. Historical Tour. 6 Hours.

Study of the history of a given region or country in conjunction with an on-the-spot investigation of historical and cultural sites and landmarks. Two courses in history or consent of instructor.

HIST-395A. Independent Study In History. 3 Hours.

Intensive study in selected subject and periods of history. Independent Studies require the approval of the instructor, department chair and the College Dean. Two courses in history or consent of instructor.

HIST-395B. Independent Study In History. 2 Hours.

(See HIST-395A for description.) Independent Studies require the approval of the instructor, department chair and the College Dean. Two courses in history or consent of instructor.

HIST-395C. Independent Study In History. 1 Hour.

(See HIST-395A for description.) Independent Studies require the approval of the instructor, department chair and the College Dean. Two courses in history or consent of instructor.

HIST-396. Internship I. 3 Hours.

Situates student interns in workplace positions- museums, research organizations, publishers, advertising agencies, government offices, business corporations, etc. - where historical background, analysis and methodology may be put to practical use. Helps students to improve research skills as well as explore career possibilities. Class consists of at least 8 hours per week at the workplace, in addition to periodic meetings with faculty and other students. Independent Studies require the approval of the instructor, department chair and College Dean.

HIST-401. Historiography And Historical Method. 3 Hours.

Historical understanding; philosophies of history and methods of historical research.

HIST-410. Readings In Medieval History. 3 Hours.

Intensive reading and discussion on a selected topic in Medieval history, such as the Medieval family, church and state, economic organization, the growth of universities, peasant society or feudal society. Consult the Schedule of Classes for the specific topic.

HIST-411. Readings In Early Modern Europe. 3 Hours.

Intensive readings and discussions of aspects of European history during the early modern period.

HIST-412. Readings In English History To 1688. 3 Hours.

Topics in British history until the Glorious Revolution. Consult the Schedule of Classes for specific hours.

HIST-414. Readings In Modern English History. 3 Hours.

Intensive readings and discussion on aspects of the history of Modern England. Consult the Schedule of Classes for specific topics.

HIST-415. Readings In 19th Century Europe. 3 Hours.

Intensive readings and discussion on aspects on nineteenth century European history. Consult the Schedule of Classes for specific topics.

HIST-416. Readings In 20th Century Europe. 3 Hours.

Intensive readings and discussion on aspects of twentieth century European history. Consult the Schedule of Classes for specific topics.

HIST-417. Readings In The History Of Weimar And Nazi Germany. 3 Hours.

Intensive readings and discussion on aspects of Weimar and Nazi Germany.

HIST-420. Seminar In Early Modern Europe. 3 Hours.

Research on various topics in the history of early Modern Europe. A paper based on primary sources is required.

HIST-421. Seminar In English History. 3 Hours.

HIST-422. Seminar In 19th Century Europe. 3 Hours.

Research on various topics in English history. A paper based on primary sources is required.

HIST-423. Seminar In Modern European Society. 3 Hours.

Research on various topics in the modern history of Europe. A paper based on primary sources is required.

Prerequisite: HIST-401 minimum grade of C.

HIST-424. Seminar In Impact Of War/Revolution In Europe. 3 Hours.

Research on various topics related to war, revolution and their consequences for European history. A paper based on primary sources is required.

HIST-430. Readings In Colonial America. 3 Hours.

Intensive readings and discussion on aspects of Colonial American history.

HIST-431. Readings In The American Revolution. 3 Hours.

Intensive readings and discussion on aspects of the American Revolution.

HIST-432. Readings In Early National America. 3 Hours.

Intensive readings and discussion on aspects of the Early National Period.

HIST-433. Readings In 19th Century America. 3 Hours.

Intensive readings and discussion on aspects of nineteenth century American history.

HIST-434. Readings In 20th Century America. 3 Hours.

Intensive readings and discussion on aspects of twentieth century America. Consult the Schedule of Classes for specific topics.

HIST-435. Readings In Cultural And Intellectual U.S. History. 3 Hours.

Intensive readings and discussion on aspects of American cultural and intellectual history. Consult the Schedule of Classes for specific topics.

HIST-436. Readings In Women's History Of The United States. 3 Hours.

Intensive readings and discussions of American Women's history. Consult the Schedule of Classes for specific topics.

HIST-437. Readings In Afro-American History. 3 Hours.

Intensive readings and discussion on aspects of Afro-American history. Consult the Schedule of Classes for specific topics.

HIST-439. Readings In American Social History. 3 Hours.

Intensive readings and discussion on aspects of American social history. Consult the Schedule of Classes for specific topics.

HIST-440. Seminar In Colonial America. 3 Hours.

Research on various topics in Colonial American history. A paper based on primary sources is required.

HIST-441. Seminar In The American Revolution. 3 Hours.

Research on various topics in the American Revolution. A paper based on primary sources is required.

HIST-442. Seminar In Early National America. 3 Hours.

Research on various topics in the Early National Period. A paper based on primary sources is required.

Prerequisite: HIST-401 minimum grade of C.

HIST-443. Seminar In 19th Century America. 3 Hours.

Research on various topics in nineteenth century America. A paper based on primary sources is required.

HIST-444. Seminar In 20th Century America. 3 Hours.

Research on various topics in twentieth century America. A paper based on primary sources is required.

Prerequisite: HIST-401 minimum grade of C.

HIST-445. Seminar In Cultural And Intellectual U.S. History. 3 Hours.

Research on various topics in American cultural and intellectual history. A paper based on primary sources is required.

HIST-446. Seminar In Women's History Of The U.S.. 3 Hours.

Research on various topics in the history of American women. A paper based on primary sources is required.

HIST-447. Seminar In Afro-American History. 3 Hours.

Research on various in Afro-American history. A paper based on primary sources is required.

HIST-449. Seminar In American Social History. 3 Hours.

Research on various topics in American social history. A paper based on primary sources is required.

HIST-450. Readings In Colonial Latin America. 3 Hours.

Intensive readings and discussion on aspects of colonial Latin America to 1825.

HIST-451. Readings In Modern Latin American History. 3 Hours.

Intensive readings and discussion on aspects of Modern Latin America, since 1825.

HIST-452. Seminar In Latin American History. 3 Hours.

Research on various topics in the history of Latin America. A paper based on primary sources is required.

HIST-453. Seminar In The History Of Mexico. 3 Hours.

Research on various topics in the history of Mexico. A paper based on primary sources is required.

HIST-460. Readings In Modern Japanese History. 3 Hours.

Intensive readings and discussion on the development of the modern Japanese state and society since the nineteenth century.

HIST-461. Readings In Classical Chinese History. 3 Hours.

Intensive readings and discussion Chinese history from the Archaic Shang period (c. 1200 B.C.) through the seventeenth century.

HIST-463. Readings In Modern Chinese Social History. 3 Hours.

Intensive readings and discussion on various aspects of modern Chinese history from the nineteenth century to the present.

HIST-470. Graduate Readings In African History. 3 Hours.

This course is designed to provide the graduate students in history an introduction to the field of African history. Students will explore issues of sources and approaches which make African history distinct from other fields. Students will trace the development of African History in the last few decades, examine some of the major subjects and study the most recent works to see where the field is headed.

HIST-471. Seminar In African History. 3 Hours.

Prerequisites: HIST-401 minimum grade of C and HIST-470 minimum grade of C.

HIST-480. Readings In History. 3 Hours.

Exploration and analysis of topics in history. Consult the Schedule of Classes for specific topics.

HIST-480A. Readings In History: Race, Ethnicity & Nationalism. 3 Hours.

Exploration and analysis of topics in history. Consult the Schedule of Classes for specific topics.

HIST-490. Independent Graduate Study In History. 3 Hours.

Intensive and guided study in selected subjects and periods of history. Independent Studies require the approval of the instructor, department chair and the appropriate College Dean.

HIST-496. Internship. 3 Hours.

Situates student interns in workplace positions- museums, research organizations, publishers, advertising agencies, government offices, business corporations, etc. - where historical background, analysis, and methodology may be put to practical use. Helps students to improve research skills as well as explore career possibilities. Class consists of at least 15 hours per week at the workplace, in addition to periodic meetings with faculty and other students. Independent Studies require the approval of the instructor, department chair, and appropriate College Dean.

HIST-5901. Thesis Hours. 1 Hour.

Guidance of students conducting research and writing a thesis to fulfill requirements for the Master of arts degree in History. Independent Studies require the approval of the instructor, department chair and the appropriate College Dean.

HIST-5902. Thesis Hours. 2 Hours.

See course description for HIST-5901.

HIST-5903. Thesis Hours. 3 Hours.

See course description for HIST-5901.

Major in History

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in History for the Bachelor of Arts Degree

Required Courses

HIST-111A	World History: The Origins Of The West, To 1500	3
HIST-111B	World History: The West And The World, 1500-Present	3
HIST-214	United States History 1607-1877	3
HIST-215	United States History 1877-Present	3
HIST-275	Writing Intensive Program: Writing And Methods For Majors ¹	3
	One course in non-European and non-United States History.	3
	Six courses chosen from 300-level electives in history with the approval of an advisor. One of these must be in non-European, non-United States History.	18
Total Hours		36

¹ This course must be taken as soon as possible after the declaration of the History major.

Students should also be aware of the University requirements for the Bachelor's degree, in particular all history majors must take a history writing intensive course.

Students wishing to be licensed for teaching history in secondary schools should consult the Secondary Education section of this catalog. Students seeking licensure to teach United States history are required to complete 8 semester hours in U.S. history.

All history majors are required to establish an Assessment Portfolio with the Departmental secretary before graduation. The purpose of this portfolio is solely to assess the effectiveness of the history curriculum in meeting the goals of the major. The portfolio will consist of either one research paper of at least 10 pages in length, or three theme papers of 3-5 pages in length (book reviews are not acceptable). The paper(s) must have been written for course work in history at Northeastern. Although student papers will not be graded and will only be assessed for statistical purposes, students are nonetheless encouraged to submit their best work for evaluation. **STUDENTS ARE THEREFORE ADVISED TO KEEP COPIES OF ALL APPROPRIATE HISTORY PAPERS** (or they may deposit copies of their papers with the departmental secretary at the time such papers are handed back by their instructors).

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
ENGL-101	Writing I	3
HIST-111A or HIST-214		3
General Education - Fine Arts		3
General Education - Humanities		3
MATH Course		3
Term Hours		15

Term 2		
HIST-111B or HIST-215		3
General Education-Humanities		3
General Education-Science		3
Elective/Minor		3
ENGL-102	Writing II	3
Term Hours		15

Second Year

Term 1		
HIST 111A or HIST-214		3
HIST Writing Intensive Course		3
General Education - Science		3
General Education - Fine Arts		3
Elective/Minor		3
Term Hours		15

Term 2		
HIST-111B or HIST-215		3
HIST-111C/D/E/F		3
General Education-Science Lab		3
General Education-Social Behavioral		3
Elective/Minor		3
Term Hours		15

Third Year

Term 1		
300-Level HIST Elective		3
General Education-Humanities		3
General Education-Social Behavioral		3
Elective/Minor		3
Upper Level Elective		3
Term Hours		15

Term 2		
300-Level HIST Elective		3
General Education-Humanities		3
Elective/Minor		3
Elective/Minor		3
Upper Level Elective		3
Term Hours		15

Fourth Year

Term 1		
300-Level HIST Elective		3
300-Level non-Western Course		3
Upper Level Elective		3
Upper Level Elective		3

Upper Level Elective		3
	Term Hours	15
Term 2		
Upper Level Elective		3
Upper Level Elective		3
Upper Level Elective		3
300-Level HIST Elective		3
300-Level HIST Elective		3
	Term Hours	15
	Total Hours:	120

Master of Arts in History

Master of Arts in History

Requirements for Admission to the Program:

Applicants must fulfill the general requirements for admission to the Graduate College. In addition, they must have completed a minimum of 24 credit hours in undergraduate history. (Those who do not meet this requirement may petition the Department's Graduate Advisor in writing for admission.) Applicants must also submit to the Graduate Advisor a graded paper written for an upper division, undergraduate course, preferably in history. (Those who cannot meet this requirement may also petition the Graduate Advisor in writing for admission.) The Department recommends prospective applicants meet with the Graduate Advisor for assistance in planning their graduate program.

Requirements for the Degree:

For students admitted to Master's Programs for the Fall 1997 semester and thereafter, all graduate credits must be at the 400 level, except for a limited number of 300 level courses specifically approved for graduate degree credits in a given Master's degree program. Departments may permit students to apply up to three of these 300 level courses, to a maximum of ten credit hours, to fulfill program requirements. This policy applies to all students entering graduate degree programs beginning with Fall 1997. **Consult with your program advisor or the Graduate College for details.**

Students have the choice between two options.

Thesis Option

Required Courses

HIST-401	Historiography And Historical Method	3
Select seven graduate-level history electives (2 may be in related fields) chosen in consultation with the Graduate Advisor		21
Select two graduate research seminars		6
Thesis Hours - a total of six hours from 5901, 5902, 5903		6
Total Hours		36

NOTE: Students must pass

1. a written comprehensive examination covering material from their courses and
2. an oral thesis defense examination.

Non-Thesis Option

HIST-401	Historiography And Historical Method	3
Select seven graduate-level history electives chosen in consultation with the graduate advisor		21
Select two electives in history or another relevant field chosen in consultation with the graduate advisor		6
Select two graduate research seminars		6
Total Hours		36

NOTE: Students must pass a final comprehensive examination covering the course work.

Minor in History

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in History (18 credit hours)

Six history courses (18 credit hours) of which a minimum of nine credit hours must be earned at the 300-level, chosen in consultation with a departmental advisor.

Students in the Elementary Education and Early Childhood Education programs who have selected this minor must complete a minimum of 9 hours at the 300-level to meet graduation and certification requirements.

Justice Studies

In Justice Studies, we seek to discover the social and historical roots of justice and injustice and examine how popular understandings of these shape public policies, including those of the criminal justice system. We study systematic explanations for the failure (or triumph) of justice in society and explore the potential for transformative justice. Through critical inquiry, social science investigation, and experiential learning, students develop an understanding of social and economic justice issues and critical criminology. We study the structural roots of crime and take up the legal and social concerns of socially disenfranchised communities whose members are often clients of the criminal justice system, including the poor, people of color, women, LGBTQ persons, prisoners, immigrants, and refugees.

The program makes a special effort to involve and serve community groups. Field experience, focusing on advocacy for community justice and the ethics that inform those practices, complements the academic program.

The Justice Studies major prepares students for human and social service work, research or advocacy positions, law school or graduate school. Criminal justice practitioners who wish to develop a comprehensive understanding of social justice and social policy will find the program well-suited to their needs.

- Major in Justice Studies (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/justice-studies/justice-studies>)
- Minor in Social Justice (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/justice-studies/minor-social-justice>)
- Minor in Criminology (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/justice-studies/minor-criminology>)

Cris E. Toffolo, Ph.D., Professor, Chair
 Rachel Birmingham, Ph.D., Assistant Professor
 Maria E. De La Torre, Ph.D., Associate Professor
 Nancy Matthews, Ph.D., Professor
 Adam Messinger, Ph.D., Assistant Professor
 Dragan Milovanovic, Ph.D., Professor
 Theophilus Okosun, Ph.D., Associate Professor

JUST-101. Introduction To Social Justice. 3 Hours.

Examines the theme of justice as a foundational goal of all social institutions in a democracy. Introduces students to critically examining social injustices, especially in institutions and social structures. In order to arrive at a vision and practice of justice we will study those "acceptable" injustices through the lens of justice and equality for all.

JUST-109. First Year Experience: Justice In Chicago. 3 Hours.

Using Chicago as a lab, students will experience justice in many forms, from courthouse visits and artistic expressions, to discussions with attorneys, judges, and formerly incarcerated persons. In this course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery and Transitions) are interwoven with the introductory concepts and terminology of the criminal and social justice systems to provide first-year students with an opportunity to critically examine social injustices in institutions and social structures through a critical lens.

JUST-201. Introduction To The Criminal Justice System. 3 Hours.

Overview of police, court and prison practice with attention to class, race and sex discrimination in the criminal justice system. Emphasis on the relationship between crime and key political and economic structures.

JUST-202. Writing Intensive Program: Justice And Inequality. 3 Hours.

This course focuses on the unfair and unequal treatment occurring in contemporary U.S. society based on people's race, gender, sexual orientation, and class. The course analyzes the ways in which race, class, gender, and sexual orientation work as interlocking systems of privilege and disadvantage affecting all of us. The course also focuses on biases and discrimination in the criminal justice system and in the delivery of justice. Discussions will also identify strategies for reducing injustice. This course fulfills the Writing Intensive Program (WIP) graduation requirement for Justice Studies majors.

Prerequisites: JUST-101 minimum grade of C and ENGL-101 minimum grade of C.

JUST-241. Research Methods In Justice Studies. 3 Hours.

This course introduces majors to quantitative and qualitative research methods used in the social sciences with a focus on Justice Studies issues. Students develop analytical skills through learning how researchers construct and use data to answer questions about human behavior, beliefs, and institutions.

Prerequisites: (JUST-101 minimum grade of D or JUST-201 minimum grade of D) and MATH-090 minimum grade of D.

JUST-301. Theories Of Justice And Social Change. 3 Hours.

Explores general theories of social change, such as social evolutionism and historical materialism and the relationship between social change and the pursuit of justice. The starting point is unjust social structures and processes, leading into analysis of how social change occurs, especially through social movements.

Prerequisites: JUST-101 minimum grade of C and JUST-202 minimum grade of C.

JUST-305. The Carceral State: A Contemporary System Of Punishment And Control. 3 Hours.

This course extends students' understanding of mass incarceration and the current state of the criminal legal system by introducing a theoretical understanding of the Carceral State as a system of control and punishment. This course examines the Carceral State through an intersectional framework that considers the relationship between punishment and criminalized identities, such as race, ethnicity, nationality, gender, sexuality, class, and ability. The course focuses on prison abolition work as a response to dismantling the Carceral State.

Prerequisite: JUST-313 minimum grade of C.

JUST-307. Prisoner Reentry Systems. 3 Hours.

This course examines how the prison reentry system works, the causes of recidivism, and how recidivism rates could be lowered. Students will gain applied knowledge of how the criminal justice system works and of patterns of incarceration and release, as well as trends in prisoner reintegration.

Prerequisite: JUST-313 minimum grade of C.

JUST-309. Portrayal Of Crime In Media. 3 Hours.

Analysis of the media's presentation of crime with attention to the historical development of the portrayal of crime and its effect on current public attitudes regarding "crime" and the "criminal." Various forms of the media are individually considered, most notably television, film, and newspaper.

JUST-311. Women, Crime, And The Criminal Justice System. 3 Hours.

This course explores the position of women in society; theories of female criminality; crimes committed by and against women, such as prostitution, rape, physical and psychological abuse, and forced sterilization; the treatment of women by various social and criminal justice agencies.

JUST-312. Theories Of Criminal Behavior. 3 Hours.

Historic overview of theories of crime from the classical school to currently popular viewpoints including Marxist and radical theories with emphasis on the relationship between theory and criminal justice policy formulation.

Prerequisite: JUST-101 minimum grade of C or JUST-201 minimum grade of C.

JUST-313. Prisons And Jails. 3 Hours.

Study of the historic development of prisons focusing on current practice and emphasizing consequences of expanding the prison population and community based alternatives to incarceration.

JUST-314. Police In The Minority Community. 3 Hours.

Overview of the social, political and economic consequences resulting from historical and contemporary treatment of U.S. minorities by law enforcement personnel with emphasis on the development of policy focusing on police methodology in controlling and creating levels of crime within urban areas. Theoretical and practical issues involving bias, discretion and excessive force.

JUST-316. Crime, Violence And Culture. 3 Hours.

Exploration of interpersonal and structural violence and aspects of culture that promote it. The course considers: the criminalization of some and tolerance of other violence; competing theories of violence; and strategies for reducing and preventing violence.

JUST-317. White Collar Crime & Elite Deviance. 3 Hours.

This course examines the problems of defining crimes of the elite, theories related to white collar crime and elite deviance, and the impact of white collar crime and elite deviance on society and justice. We also examine the impact of social institutions upon white collar crime and elite deviance, reactions to these and the forms of punishment available.

JUST-318. Gangs In Chicago. 3 Hours.

This course provides an analysis of the history of, and theories about, gangs in Chicago. It examines how and why gangs develop, how they are structured, their gradual development, and how societal injustices impact the development of gangs generally, and in Chicago.

JUST-319. Latinos/as & The Criminal Justice System. 3 Hours.

Examines the relationship between Latinos/as and the criminal justice system. Issues addressed are what distinguishes Latinos/as from other racial and ethnic groups in the criminal justice system? What sociological and criminological theories can explain these differences. Key variables that are discussed are historical context, race and ethnic relations, current criminal justice policies.

JUST-321. Violence Against Women. 3 Hours.

Overview of the legal, sociological, psychological and medical aspects of rape, battering and related forms of gendered violence. Explores social and cultural context of violence against women, changing definitions of violence and the criminalization of sexual assault and family violence and response to violence, including the anti-rape and battered women's movements.

JUST-322. Women, Justice And The Law. 3 Hours.

A discussion of justice and its intersection with gender. The course focuses on federal statutes and their interpretation, on sexual harassment and employment and state statutes focusing on family law and criminal law.

JUST-323. Introduction To Child Advocacy Studies. 3 Hours.

This course provides a survey of the emerging field of Child Advocacy Studies, which researches and seeks remedies for the maltreatment of children and youth, including specific acts of violence and neglect, in the context of the pernicious effects of racism, poverty, sexism, and heterosexism, including the unique problems faced by immigrant and displaced children. The course examines the various economic, political, social and cultural circumstances that may contribute to the abuse and maltreatment of children and youth. It also teaches students about the strategies and tactics used by various local governmental and nongovernmental agencies, courts and medical establishments to address these problems.

JUST-324. Women As Political Prisoners. 3 Hours.

This course examines the three areas in which women can be defined as political prisoners: 1) women imprisoned for political acts; 2) women imprisoned for self-defense measures; 3) women imprisoned for petty 'economic' crimes such as prostitution.

JUST-325. Women And Revolution: Theories Of Justice. 3 Hours.

Theories of justice informing revolutionary practice with attention to the role played by women in revolution, especially in liberation struggles in Central America.

JUST-326. Juvenile Justice System. 3 Hours.

Socio-economic analysis of the history of the juvenile justice system in an effort to understand how the system functions and whom it serves.

JUST-328. Social Justice & LGBTQ Issues. 3 Hours.

This course explores lesbian, gay, bisexual, transgender and queer social justice issues. Students will study LGBTQ issues and theories in the context of both historic and contemporary social justice practices. This will include an examination of race, class, gender, and ethnicity in LGBTQ communities, along with a discussion of legal, social, and political steps taken and contemplated to end the oppression of LGBTQ people.

JUST-329. Politics Of Punishment. 3 Hours.

Exploration, from a global perspective, of the history, development and philosophies of punishment and of the debate within the United States and the countries of Western Europe over the purpose of correctional institutions.

JUST-330. Legal Research And Bibliography In Criminal Law. 3 Hours.

Study of basic reference and source materials. Visits to law libraries are required. Presentation of a written and oral argument.

Prerequisites: JUST-201 minimum grade of C and JUST-202 minimum grade of C and ENGL-101 minimum grade of C.

JUST-331. Law And Racism In America. 3 Hours.

The nature of racism, its essential features and their relationship to the legal, social and economic practices in the United States.

JUST-332. Race & Ethnic Relations. 3 Hours.

Course provides critical examination of the social construction of race focusing on how ethnicity, ancestry and phenotype are used historically to separate people. Students explore concepts, theoretical perspectives, and research patterns of cooperation and conflict between different racial and ethnic groups. Sources of prejudice, discrimination, power relations and stratification are discussed. Students examine contemporary problems and issues in the area of racial and ethnic relations and global justice.

Prerequisites: JUST-101 minimum grade of C and JUST-202 minimum grade of C.

JUST-333. Community Law. 3 Hours.

General introduction to the impact of law on the public: consumer law, family law and individual rights.

JUST-334. Criminal Law And Procedure. 3 Hours.

The basic principles of American criminal law, current issues and controversies surrounding the criminal justice process, and the constitutional rights of the accused.

JUST-335. Legal Process I. 3 Hours.

Analysis of common law and the role of precedent with emphasis on appellate courts, particularly the U.S. Supreme Court.

JUST-336. Postmodern Law & Criminology. 3 Hours.

This course will introduce the core concepts of postmodern analysis and their application to law, criminology and social justice. It will be a challenge to modernist thought that has dominated the social sciences whose basic assumptions evolved from the Renaissance period. Discourse analysis and chaos theory along with other emerging perspectives will be explicated. Causation, the subject, objectivity, order, linearity, neutrality of language, rationality, universals, among others, will be re-thought via postmodern analysis.

JUST-337. Workers' Rights And Human Rights. 3 Hours.

This course covers basic labor law: worker's compensation, unemployment compensation, National Labor Relations Act, etc., discussions on worker influence on factories.

JUST-338. Introduction To Human Rights. 3 Hours.

This course provides an introductory overview to human rights. Human rights are examined from several different points of view: as a legal and moral discourse in which justice claims are expressed; as an international regime consisting of many different treaties, legal bodies, United Nations agencies and non-profit organizations which seek to prevent, investigate, and punish human rights violations; as a global social movement that promotes minimum universal standards of human dignity and respect; as a contested philosophical concept that is compared and contrasted with other types of moral claims; and as an increasingly important strategy being used by various communities in the United States to overcome many different types of social injustice. The main human rights organizations and their methods of working will be explained. Each student will also get an opportunity to research one human rights issue in depth.

JUST-339. Tenant's Rights Clinic. 3 Hours.

Under the supervision of a licensed attorney, students study issues relating to landlord/tenant disputes and conflicts. Students are trained to define and negotiate such problems.

JUST-340. Sociology Of Law. 3 Hours.

This course concerns the development of law in society. We cover: historical development of law; functions of law; the connection between political economy and law; various perspectives in studying law; classical thinkers; current and emerging thought; the emergence of lawyers and their language and form of reasoning; the emergence of legal rights and the legal subject; substantive biases of law (gender, race, class, intersectional); how "realities" are constructed in the courtroom; and freedom and coercion in law.

JUST-343. Conflict Transformation. 3 Hours.

Conflict is part of human daily experience. When properly managed, it can lead to awareness, growth, and better human relationships. However, when misdiagnosed and mismanaged, it can sour things and destroy relationships. It also leads to intra and interpersonal, intra- and inter-group/organizational violence, as well as large scale intra-state and international violence. This course explores the connection between justice, peace, and conflict by seeking to understand social conflict and the mechanisms used in its transformation. We begin by examining the theories of conflict analysis and resolution and conclude by exploring methods and best practices.

JUST-345. Practicum In Justice Studies. 3 Hours.

Specific skills necessary for entry level agency/community work.

Prerequisites: JUST-202 minimum grade of C and JUST-101 minimum grade of C and JUST-241 minimum grade of C and JUST-301 minimum grade of C.

JUST-346. Introduction To Oral History For Communities. 3 Hours.

This course introduces students to oral history, a practice that has expanded to many disciplines for its ability to providing information on aspects of life missing from documentary sources and offering different perspectives on historical events and processes. Notably, oral history is used in recovering the experiences of ordinary people. Students will gain knowledge and skills for engaging people in communities in telling their own stories. Students will learn the principles of oral history methodology by analyzing theoretical, ethical, and practical challenges interviewers and researchers face. Students will also learn basic skills on interviewing, transcribing, and abstracting oral histories.

Prerequisite: JUST-241 minimum grade of C or LLAS-290 minimum grade of C.

JUST-347. Restorative Justice Theories And Practices. 3 Hours.

Restorative Justice (RJ) is one of several umbrella concepts gaining in prominence in the Justice Studies arena. It refers to philosophical strategies and diverse practices to resolve conflicts in a way that is less litigious than traditional, adversarial legal proceedings. This course will introduce students to the origins, theories, controversies and practices of restorative justice—both past and present—as an alternative response to harm. It will also interrogate such questions as: When is it appropriate to forgive rather than to punish? What all is entailed in coming to forgiveness, both for the perpetrator and the victim? Students will come to understand the meaning of restorative processes by examining the ways in which they are practiced around the world.

JUST-350. Field Work Seminar. 6 Hours.

Application of the specific skills learned in the practicum, as well as other classroom theories and concepts, in an agency/ community setting. 180 volunteer hours at work in the field and a 1 1/2 hour weekly seminar.

Prerequisite: JUST-345 minimum grade of D.

JUST-351. Advocating For Social Justice In Illinois. 3 Hours.

This course provides students with a practical introduction to advocating for social justice in Illinois. It is taught from the perspective of marginalized communities that historically have been significantly less able to influence elected officials by donating large sums of money. However, these communities have been able to impact public education, legislation and policy formation/implementation through strategic injections of expertise, organizing, smart coalition building, access to media, litigation, direct action and other techniques. The course will include analyses of such issues as: the legislative process at the local and state levels, an introduction to the players; how to follow the money; the types of power such communities are up against in Chicago and suburbia; strategies to access media and produce a coherent message; the necessity of and methods to reframe and label issues; and the use of organizing, coalition-building, direct action, the courts, initiatives and referendum.

Prerequisites: JUST-101 minimum grade of C and JUST-202 minimum grade of C.

JUST-355. LGBTQ Communities & Crime. 3 Hours.

Research indicates that lesbian, gay, bisexual, trans, and queer (LGBTQ) identities are stigmatized and even criminalized in many nations, LGBTQ individuals are at a heightened risk of crime victimization and face barriers to receiving help, and heterosexism and transphobia play integral roles in the perpetration of crime by LGBTQ individuals as well as in how criminal justice systems respond to them. By applying social justice and criminological lenses, students in this course will explore the nature of and potential resolutions to crime related to LGBTQ people, both in the United States and globally.

JUST-357. Social Justice, Mental Health, And The Law. 3 Hours.

Though one of six Americans suffers from some form of mental illness, there has been little progress in the last fifty years in our protection and treatment of patients who suffer from mental illness. In this course, students will learn about the laws, rights, and treatment of mental illness. They will explore the definitions of mental illness and the stigma and discrimination which ensues for those who are labeled. Students will also examine the arbitrariness of labels and diagnosis in the mental health system, and the devastating impact that this labeling can have on patients and their families.

JUST-361. Five-Hundreds Years Of Resistance. 3 Hours.

This course is a basic study of the over 500-year history of colonization imposed by Europeans and Euro-Americans. It also examines indigenous resistance to colonization and globalization. In this course, critical thinking and reasoning are introduced through the evaluation of historical developments, key contributors, and principle issues of resistance and revolutionary theory.

Prerequisite: JUST-202 minimum grade of C.

JUST-362. Justice Issues In Africa. 3 Hours.

Having lived/living through probing explorers, colonists, imperialists, and natural resources hunters, Africa has also attracted good intentioned development and international collaboration. Even though independence gained from Western nations has improved self-determination in some of its 53 countries, the struggle for justice continues to dominate many political and social activities. This course examines factors that generate inequalities in South Africa; conflict, race, class, ethnic, gender violence, post-apartheid dynamics, neoliberal politics, access, housing, the environment, and exploitation issues in the light of global democracy and social justice.

Prerequisite: JUST-101 minimum grade of C.

JUST-363. Globalization And The Pursuit Of Justice. 3 Hours.

We live in a world interconnected through economics, politics, communications, entertainment and migration. This course explores the emergence of globalization in its contemporary form, and its implications for the lives of everyday people in the global north and south, east and west. Through case studies, we will examine how globalization affects movements for democracy and justice, and vice versa.

Prerequisite: JUST-101 minimum grade of C.

JUST-364. Terrorism In Media & Law. 3 Hours.

Whether used by governments, militaries, corporations, religious institutions, gangs or individuals, terror is an intense overpowering fear caused by the threat and use of violence. This course examines five categories of terrorism. One case study explores how the US responded to 9/11 by framing a long term "War of Terror." Students will learn how to analyze the constantly changing images, propaganda, and tropes manufactured by media to know how to distinguish between terrorists, and those who use violence to defend themselves from aggression and invasion. Also covered are how terrorism is addressed in law; how terrorism impacts institutions/practices; causes of terrorism; ways to prevent/stop terrorism.

Prerequisites: JUST-101 minimum grade of C and JUST-202 minimum grade of C.

JUST-370. Immigration In Global Perspective. 3 Hours.

This course looks at contemporary international population movements and state policies in highly developed countries through the prism of social justice. The course provides an overview of the major theories explaining the nature, causes and consequences of migration including key dimensions such as control policies, integration, security, and citizenship. The course also analyzes current public conversations debating unauthorized immigration, assimilation, and membership and belonging. Through readings, lectures, videos and newspaper articles the course offers students tools for a critical understanding of migration by addressing questions of justice such as the rights of people to mobility, to work, to equality and to inclusion.

JUST-371. U.S. Immigration Policy & Human Rights In The Americas. 3 Hours.

Historical overview of United States' relations with the Americas as these structure economic and security interests in the region and influence regime change, human rights violations, and immigrant and refugee flows. Analysis of contrasting U.S. immigration and refugee policies.

JUST-382. Social Justice & Literature. 3 Hours.

Writers and artists often reflect and inspire major social realignments and radical shifts in the social structure. They have a unique lens with which to focus on society and institutions of power. This course explores the work of several writers and filmmakers to understand how their works mirrored and ignited aspects of social justice. It analyzes how artistic works serve as social critique to enable or inspire social protest and change. The course traces the author's/filmmaker's point of view in each work studied, and examines how they developed their central themes through plot and character.

JUST-383. Social Justice And The Visual Arts. 3 Hours.

Visual artists are important critics of institutions of power and social inequality. Through an exploration of visual media, students will gain insights into issues of power and social inequality based on gender, class, race and sexual orientation. Students will analyze visual media and images utilizing social justice theories, and compare and contrast different visual media to consider their relevance to social change.

Prerequisite: JUST-101 minimum grade of C.

JUST-390. Social Justice And The Environment. 3 Hours.

This course is a comprehensive overview of the connections between environmental justice, social justice, and animal ethics. The topics will be viewed from the following perspectives: 1) Justice and Sustainability; 2) Poverty, Economic Development and Environmental Justice; 3) Eco-Feminist Perspectives on Environmental Justice; 4) Native American Perspectives 5) Animal Ethics and the Relationship to Environmental Justice; and 6) Environmental Law.

JUST-391. Independent Study In Social Justice. 1 Hour.

This course provides a student with the opportunity to undertake an individualized investigation into a topic of the student's choice, under the personalized supervision of a Justice Studies faculty member. The student must fill out the Justice Studies' department's Independent Study form and get the project approved two weeks before the semester begins. Justice Studies major with GPA of 3.0 or above. Approval of instructor, Chair and College Dean required.

Prerequisite: JUST-241 minimum grade of C.

JUST-392. Independent Study In Social Justice. 2 Hours.

This course provides a student with the opportunity to undertake an individualized investigation into a topic of the student's choice, under the personalized supervision of a Justice Studies faculty member. The topic cannot duplicate what is taught in a regularly offered course. The student must fill out the Justice Studies' department's Independent Study form and get the project approved two weeks before the semester begins. Justice Studies major with GPA of 3.0 or above. Approval of instructor, Chair and College Dean required.

Prerequisite: JUST-241 minimum grade of C.

JUST-393. Independent Study In Social Justice. 3 Hours.

This course provides a student with the opportunity to undertake an individualized investigation into a topic of the student's choice, under the personalized supervision of a Justice Studies faculty member. The topic cannot duplicate what is taught in a regularly offered course. The student must fill out the Justice Studies' department's Independent Study form and get the project approved two weeks before the semester begins. Justice Studies major with GPA of 3.0 or above. Approval of instructor, Chair and College Dean required.

Prerequisite: JUST-241 minimum grade of C.

JUST-395. Hunger & Homelessness. 3 Hours.

This class focuses on the lives of people who are underfed, homeless or in precarious housing. Examined are paths to poverty and how poverty is lived in America. Also explored are the structural barriers that prevent one from leaving poverty. These issues are looked at from a variety of perspectives that are introduced through readings, service learning, and guest speakers. One of the perspectives from which hunger and homeless is explored is from the point of view of advocacy: i.e., how can one advocate for homeless people? What assumptions underlie such advocacy?.

Major in Justice Studies

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Justice Studies for the Bachelor of Arts Degree

All Justice Studies majors take six required courses plus eighteen credit hours of electives. Please consult your advisor about the sequence of courses. All students must take a writing-in-the-discipline, "WIP" class. JUST-202 fulfills this requirement.

Required Courses

JUST-101	Introduction To Social Justice	3
JUST-202	Writing Intensive Program:Justice And Inequality	3
JUST-241	Research Methods In Justice Studies	3
JUST-301	Theories Of Justice And Social Change	3
Electives (six additional courses in Justice Studies)		18
JUST-345	Practicum In Justice Studies	3
JUST-350	Field Work Seminar	6
Total Hours		39

NOTE: A maximum of nine (9) transfer credit hours in Justice Studies-, Criminal Justice-, or Criminology-oriented courses can be transferred in from other colleges and/or universities toward the major, subject to the approval of a faculty advisor. These courses will usually be counted as electives. All electives in Justice Studies should be selected in consultation with a faculty advisor and chosen in an area of concentration related to the student's academic and career interests.

JUST-339 Tenant's Rights Clinic meets the University Core Curriculum requirements for Experiential Learning Experience (ELE) classes, and can be taken by all NEIU students, including Justice Studies majors. JUST-350 Field Work Seminar is another ELE class offered only to Justice Studies majors.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
JUST-109	First Year Experience: Justice In Chicago	3
ENGL-101	Writing I	3
MATH Requirement Course		3
General Education-Social Science		3
General Education-Humanities		3
Term Hours		15
Term 2		
JUST-101	Introduction To Social Justice	3
JUST Elective		3
General Education-Natural Science		3
General Education-Social Science		3
General Education-Fine Arts		3
Term Hours		15
Second Year		
Term 1		
JUST-202	Writing Intensive Program:Justice And Inequality	3
JUST Elective		3
General Education-Humanities		3
General Education-Natural Science		3
General Education-Fine Arts		3
Term Hours		15
Term 2		
JUST-241	Research Methods In Justice Studies	3
JUST Elective		3
General Education-Natural Science		3
General Education-Humanities		3
Minor		3
Term Hours		15
Third Year		
Term 1		
JUST-301	Theories Of Justice And Social Change	3
JUST Elective		3
Minor Course		3
General Education Course		3
Elective		3
Term Hours		15
Term 2		
JUST Elective		3
JUST Elective		3
Minor		3
Elective		3
Elective		3
Term Hours		15
Fourth Year		
Term 1		
JUST-345	Practicum In Justice Studies	3
Minor		3
Elective		3

Elective		3
Elective		3
<hr/>		
	Term Hours	15
Term 2		
JUST-350	Field Work Seminar	6
Minor		3
Elective		3
Elective		3
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	Term Hours	15
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	Total Hours:	120

Minor in Criminology

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Criminology (18 credit hours)

Required Courses

JUST-201	Introduction To The Criminal Justice System	3
JUST-202	Writing Intensive Program:Justice And Inequality	3
JUST-241	Research Methods In Justice Studies	3
JUST-312	Theories Of Criminal Behavior	3
Select two electives in Justice Studies		6
Total Hours		18

Note: Two electives are required for this minor with a maximum of three (3) transfer credit hours in Criminal Justice-, Criminology-, or Justice-Studies-oriented courses from other colleges and/or universities toward the minor, subject to approval of the Chair or faculty advisor.

Minor in Social Justice

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Social Justice (18 credit hours)

Required Courses

JUST-101	Introduction To Social Justice	3
JUST-202	Writing Intensive Program:Justice And Inequality	3
JUST-241	Research Methods In Justice Studies	3
JUST-301	Theories Of Justice And Social Change	3
Select two electives in Justice Studies		6
Total Hours		18

Note: Two electives are required for this minor with a maximum of three (3) transfer credit hours in Justice Studies-, Criminal Justice-, or Criminology-oriented courses from other colleges and/or universities toward the minor, subject to the approval of the Chair or faculty adviser.

Latina/o and Latin American Studies

The Latina/o and Latin American Studies (LLAS) Program of Northeastern Illinois University provides academic and experiential opportunities to foster a comprehensive understanding of Latino, Latin American and Caribbean peoples and their relationship to each other, the United States, and the world. The program builds on the University's commitment to diversity and community partnerships as it promotes pride in the values of diverse ethnic heritages. Through the coordination of diverse offerings of various departments, the program fosters an interdisciplinary approach to provide students with concepts and skills to interact effectively and constructively in a multicultural context.

- Major in Latina/o & Latin American Studies (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/latino-latin-american-studies/latino-latin-american-studies>)
- Minor in Latina/o & Latin American Studies (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/latino-latin-american-studies/minor-latin-american-studies>)

Brett Stockdill, Ph.D., Professor, Chair

Emily Garcia, Ph.D., Associate Professor, Program Coordinator

Core Faculty

Wilfredo Alvarez, Ph.D., Assistant Professor, Communication, Media and Theatre

Brandon Bisbey, Ph.D., Assistant Professor, World Languages and Culture

Christina Bueno, Ph.D., Associate Professor, History

Gabriel Cortez, Ph.D., Associate Professor, Literacy, Leadership and Development

María De La Torre, Ph. D., Associate Professor, Justice Studies

Francisco X. Gaytan, Ph. D., Associate Professor, Literacy, Leadership and Development

Richard Grossman, Instructor, History

Jon B. Hageman, Professor, Anthropology

Timothy Libretti, Ph. D., Professor, English

Jose Lopez, Instructor, Latina/o and Latin American Studies

Ana Nieves, Ph. D., Associate Professor, Art

Victor Ortiz, Ph.D., Associate Professor, Sociology

Isaura Pulido, Ph.D., Associate Professor, Educational Inquiry and Curriculum Studies

Milka Ramirez, Ph.D., Assistant Professor, Social Work

Patricio Rizzo-Vast, Instructor, World Languages and Cultures

LLAS-101. Introduction To Latino & Latin American Studies. 3 Hours.

This course is an introduction to Latino and Latin American Studies. It explores the diverse origins and conditions of the multiple groups encompassed by the terms "Latino" and/or "Hispanic." The course traces connections with ancestral Latin America in terms of its pre-Hispanic and colonial past, as well as its post-colonial present.

LLAS-109. FYE:Art, Thought, And Revolution In Chicago. 3 Hours.

An introduction to the cultural life of Chicago Latino youth with its regional differences with key themes/symbols and cultural norms created by the historical interaction between Latinos and American society as expressed in literature, art, music, and folklore. Attention will also be given to change and continuity in Latino cultural norms on the basis of historical events.

This class explores the history of art and its role in the civilizations from Modernism, the Mural Renaissance and the Civil Rights Movement. Using the rich artistic legacy of this area, the class examines the way art functions across borders and how borders have been constructed, debated and lived through in the art of the past.

LLAS-201. Writing Intensive Program: Culture & History Of Latinos. 3 Hours.

Culture and History of Latinos is intended to insure that Latino and Latin American Studies students understand the religious, social, economic and political aspects of Latino groups. It explores their roles and conditions in the new demographic context of the United States as its largest ethnic minority group.

Prerequisite: ENGL-101 minimum grade of C.

LLAS-224. The Chicano Movement. 3 Hours.

This course is an analytical overview of stories and histories of and about people of Mexican ancestry or origin in the United States of America. The course examines involvements, events, and conditions directly affecting the fates and opportunities of this constituency through time. The course focuses on regional, class and gender particularities as well as symbolic and epistemological characteristics.

LLAS-225. Puerto Ricans & The Caribbean. 3 Hours.

This course is an overview of people in the Caribbean and/or in the U.S. with ancestral or migratory ties to the Caribbean.

LLAS-290. Research Methods In Latino And Latin American Studies. 3 Hours.

The course provides an introduction to the theories and processes of critical inquiry in the social sciences and humanities. Each student conducts a focused review of the literature in response to a specific, identified issue and is introduced to the elements of scholarly writing. The course creates a learning community of scholars working to explore meaningful solutions to identified research questions in Latino and Latin American Studies humanities and social sciences area.

Prerequisites: LLAS-101 minimum grade of D and LLAS-201 minimum grade of D.

LLAS-301. Field Seminar In Latino & Latin American Studies. 3 Hours.

The course aims towards the formulation of a sophisticated understanding of social and political life of Latinos in the current context. It combines theoretical insights and documentary information to examine the assets and current challenges of these communities. This course serves as the capstone course for LLAS minors.

Prerequisites: LLAS-101 minimum grade of C or MCS-101 minimum grade of C and LLAS-201 minimum grade of C or MCS-201 minimum grade of C.

LLAS-312. Introduction To The Barrio. 3 Hours.

Students do research on their residential neighborhoods using historical and demographic data, along with political and theoretical insights from the social sciences and the students' experiences.

LLAS-345. Race, Class, Gender & Latinos. 3 Hours.

This course is an analytical overview of the complexity of Latino community/ies. The course aims towards the formulation of a sophisticated understanding of social and political life of Latinos in the current context. It combines theoretical insights and documentary information to examine the assets and current challenges of these communities. .

LLAS-346. Introduction To Oral History For Communities. 3 Hours.

This course introduces students to oral history, a practice that has expanded to many disciplines for its ability to providing information on aspects of life missing from documentary sources and offering different perspectives on historical events and processes. Notably, oral history is used in recovering the experiences of ordinary people. Students will gain knowledge and skills for engaging people in communities in telling their own stories. Students will learn the principles of oral history methodology by analyzing theoretical, ethical, and practical challenges interviewers and researchers face. Students will also learn basic skills on interviewing, transcribing, and abstracting oral histories.

Prerequisite: LLAS-290 minimum grade of C or JUST-241 minimum grade of C.

LLAS-351. Latinos And Immigration. 3 Hours.

The course examines social and cultural dimensions of the arrival and incorporation of Latin American immigrants to the United States. It reviews migratory flows across time and regions of the country. Through a discussion-based class, students explore immigration through diverse readings from a wide variety of fields (i.e. history, political science, sociology). The readings provide a comparative range of immigrant experiences from different Latin American countries and different time periods. This comparison will provide a broad exposure of the topic from which students will select a specific topic pertinent to personal and professional interest for their individual assignments.

LLAS-353. Latino Diversities. 3 Hours.

Latinos, the largest ethnic minority of the country, are far from comprising a homogeneous or cohesive group. This course examines various ways in which members of this umbrella group differ in their respective histories in this country, their integration processes, and potential outlooks. The examination goes beyond the distinction related to migratory or ancestral ties to Latin American countries to ascertain contrasts within and among groups. Thus, beyond contrast among Mexicans and Salvadorans, for example, students will explore differences within each of these two groups. Topics such as social mobility, educational attainments, labor force participation, and political involvement are some of many options students will be able to select for their research projects.

LLAS-361. Queer Latin American Narrative And Film. 3 Hours.

This course explores the representation of sexual diversity and gender nonconformity in Latin American cultural production (narrative and film) from a perspective informed by feminist theory, LGBT studies and queer theory. Students critically engage these theoretical paradigms while developing research skills and proficiency in oral and written expression through class assignments, including a final research paper.

Prerequisite: ENGL-101 minimum grade of C.

LLAS-391. Internship In Latina/o & Latin American Studies. 3 Hours.

This capstone course is an opportunity for students to culminate their Latino studies concentration with an internship tailored to enhance their understanding of social and political life of Latinos . The internship will be an intense course that will give students the opportunity to apply the knowledge and skills developed over the course of their undergraduate career to an actual work setting. Students should expect to work closely with site supervisor, others at internship site, seminar classmates, and Professor.

Prerequisites: LLAS-101 minimum grade of C and LLAS-201 minimum grade of C and LLAS-290 minimum grade of C.

LLAS-392. Internship In Latin American Studies. 3 Hours.

This capstone course is an opportunity for students to culminate their Latin American studies concentration with an internship tailored to enhance their understanding of social and political life of Latin Americans . The internship will be an intense course that will give students the opportunity to apply the knowledge and skills developed over the course of their undergraduate career to an actual work setting. Students should expect to work closely with site supervisor, others at internship site, seminar classmates, and Professor.

Prerequisites: LLAS-101 minimum grade of C and LLAS-201 minimum grade of C and LLAS-290 minimum grade of C.

LLAS-393. Independent Studies In Latino & Latin American Studies. 3 Hours.

Academic credit for special research project student conducts with individual guidance from a faculty member. Projects that could be completed in an established course are not appropriate for Independent Study. Student must submit project proposal to the faculty member in the semester prior to the one in which the project is to be conducted. Independent Study requires approval of instructor, coordinator of program, department chair and college dean.

Prerequisites: LLAS-101 minimum grade of C and LLAS-201 minimum grade of C and LLAS-290 minimum grade of C.

Major in Latina/o & Latin American Studies

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Latina/o & Latin American Studies (LLAS) for the Bachelor of Arts Degree

Requirements:

LLAS-101	Introduction To Latino & Latin American Studies	3
LLAS-201	Writing Intensive Program: Culture & History Of Latinos	3
LLAS-290	Research Methods In Latino And Latin American Studies	3
LLAS-391	Internship In Latina/o & Latin American Studies	3
Latin American Language: Select two courses taught in Spanish, Portuguese, French or an indigenous language from Latin America.		6
Electives. Select six electives from the list below. Two of the six electives must be LLAS courses.		18
Total Hours		36

ELECTIVES

Anthropology

ANTH-221	Peoples Of South America	3
ANTH-225	Peoples Of Mexico/Central America/Caribbean	3
ANTH-250	Latin American Archaeology	3
ANTH-373	Urban Anthropology ¹	3
ANTH-374	The Maya	3
ANTH-380	Archaeological Field School	6

Art

ART-305	Art & Architecture Of The Ancient Americas	3
ART-306	Andean Art & Architecture	3
ART-307	Art & Latin America	3

Educational Foundations

EDFN-314L	Gender, Race, And Class Issues In Education	3
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English

ENGL-365	Caribbean Literature	3
ENGL-369	U.S. Latino/a Literature And Culture	3
ENGL-382	Chicano/A Literature	3

Geography and Environmental Studies

GES-302G	Regional Geography: Caribbean	3
GES-302X	Regional Geography: Latin America	3
GES-347	Gentrification & Urban Redevelopment ¹	3
GES-348	Latino Metropolis	3

History

HIST-111D	World History: Latin America	3
HIST-332B	United States Foreign Relations 1914 - Present	3
HIST-333	American Ethnic History	3
HIST-350	History Of Brazil	3
HIST-351	Central America And The Caribbean	3
HIST-353	History Of Mexico	3
HIST-354	Contemporary Latin America	3
HIST-392	Problems In History ¹	3

Justice Studies

JUST-319	Latinos/as & The Criminal Justice System	3
JUST-346	Introduction To Oral History For Communities	3
JUST-370	Immigration In Global Perspective	3
JUST-371	U.S. Immigration Policy & Human Rights In The Americas	3

Latina/o and Latin American Studies

LLAS-224	The Chicano Movement	3
LLAS-225	Puerto Ricans & The Caribbean	3
LLAS-301	Field Seminar In Latino & Latin American Studies	3
LLAS-312	Introduction To The Barrio	3
LLAS-345	Race, Class, Gender & Latinos	3
LLAS-351	Latinos And Immigration	3
LLAS-353	Latino Diversities	3
LLAS-361	Queer Latin American Narrative And Film	3
LLAS-393	Independent Studies In Latino & Latin American Studies	3

Philosophy

PHIL-364	Critical Race Theory	3
PHIL-367	Postcolonialism	3

Political Science

PSCI-329	Minority Politics In The United States	3
PSCI-331	Latinos & Public Policy	3
PSCI-332	Latinos & The Law	3
PSCI-333	Immigration, Ethnicity, And Citizenship	3
PSCI-365	Politics And Government Of Mexico, Central America And The Caribbean	3
PSCI-366	Politics And Governments Of South America	3
PSCI-386	Globalization & Politics	3

Psychology

PSYC-317	Latino Psychology: Mental Health & The Latino Experience In The USA	3
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Social Work

SWK-203	Analysis Of Cross Culture Interaction ¹	3
SWK-308	Social Work Practice With Immigrants & Refugees	3
SWK-324	Social Work With Latino Communities	3

Sociology

SOC-270	Sociology Of Latinas	3
SOC-314	Urban Sociology ¹	3
SOC-316	Race And Ethnic Relations	3

Spanish

SPAN-314	Latin American Culture	3
SPAN-321	Latin American Literature I	3
SPAN-323	Latin American Literature II	3
SPAN-352	Puerto Rican Literature	3
SPAN-356	Realism And Naturalism In Spanish American Literature	3
SPAN-358	El Modernismo	3
SPAN-364	Chicago's Latin@ Literature & Culture	3
SPAN-368	Latin American Cinema	3
SPAN-371	Seminar: José Martí	3
SPAN-372	Alejo Carpentier	3
SPAN-374	Isabel Allende	3
SPAN-376	Gabriel García Márquez	3
SPAN-377	Caribbean Literature	3
SPAN-378	Mexican Literature	3
SPAN-379	Latin American Theater	3
SPAN-381	Contemporary Latin American Narrative	3

Teacher Education

BLBC-338	Bilingualism And Education	3
BLBC-342	Assessment In The Bilingual Classroom	3
ELED-315	Teaching In The Inner City Elementary School	3
SCED-303F	Teaching Modern Foreign Languages In The Secondary School	3

Teaching English as a Second Language

TESL-320K	Language & Culture: Latin America	3
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World Languages & Cultures

WLC-200L	Introduction To Latin American Cultures	3
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¹ Requires LLAS Advisor approval to count as a LLAS Major/Minor elective.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
ENGL-101	Writing I	3
General Education-Social/Behavioral		3
General Education-Natural Science		3
General Education-Humanities		3
General Education-Fine Arts		3
Term Hours		15
Term 2		
LLAS-101	Introduction To Latino Latin American Studies	3
General Education-Social/Behavioral		3
General Education-Humanities		3
General Education-Quantitative Math		3
Elective		3
Term Hours		15

Second Year

Term 1		
LLAS-201	Writing Intensive Program: Culture History Of Latinos	3
LLAS Elective		3
General Education-Social/Behavioral		3
General Education-Natural Science		3
General Education-Fine Arts		3
Term Hours		15

Term 2		
LLAS Elective		3
Language Course		3
General Education-Social/Behavioral		3
General Education-Natural Science		3
General Education-Fine Arts		3
Term Hours		15

Third Year		
Term 1		
LLAS Elective		3
Language Course		3
Elective/Minor		3
Elective		3
Elective		3
Term Hours		15

Term 2		
LLAS Elective		3
Language Course		3
Elective		3
Elective/Minor		3
Elective/Minor		3
Term Hours		15

Fourth Year		
Term 1		
LLAS-290	Research Methods In Latino And Latin American Studies	3
LLAS Elective		3
Elective/Minor		3
Elective		3
Elective		3
Term Hours		15

Term 2		
LLAS Capstone 391/392		3
Elective/Minor		3
Elective/Minor		3
Elective		3
Elective		3
Term Hours		15
Total Hours:		120

Minor in Latina/o & Latin American Studies

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Latina/o & Latin American Studies (18 credit hours)

Required Courses

LLAS-101	Introduction To Latino & Latin American Studies	3
LLAS-201	Writing Intensive Program: Culture & History Of Latinos	3
Electives: Select four electives from the list below. One elective must be a LLAS course.		12
Total Hours		18

ELECTIVES

Anthropology

ANTH-221	Peoples Of South America	3
ANTH-225	Peoples Of Mexico/Central America/Caribbean	3
ANTH-250	Latin American Archaeology	3
ANTH-373	Urban Anthropology ¹	3
ANTH-374	The Maya	3
ANTH-380	Archaeological Field School	6

Art

ART-305	Art & Architecture Of The Ancient Americas	3
ART-306	Andean Art & Architecture	3

ART-307	Art & Latin America	3
Educational Foundations		
EDFN-314L	Gender, Race, And Class Issues In Education	3
English		
ENGL-365	Caribbean Literature	3
ENGL-369	U.S. Latino/a Literature And Culture	3
ENGL-382	Chicano/A Literature	3
Geography and Environmental Studies		
GES-302G	Regional Geography: Caribbean	3
GES-302X	Regional Geography: Latin America	3
GES-347	Gentrification & Urban Redevelopment ¹	3
GES-348	Latino Metropolis	3
History		
HIST-111D	World History: Latin America	3
HIST-332B	United States Foreign Relations 1914 - Present	3
HIST-333	American Ethnic History	3
HIST-350	History Of Brazil	3
HIST-351	Central America And The Caribbean	3
HIST-353	History Of Mexico	3
HIST-354	Contemporary Latin America	3
HIST-392	Problems In History ¹	3
Justice Studies		
JUST-319	Latinos/as & The Criminal Justice System	3
JUST-346	Introduction To Oral History For Communities	3
JUST-370	Immigration In Global Perspective	3
JUST-371	U.S. Immigration Policy & Human Rights In The Americas	3
Latina/o and Latin American Studies		
LLAS-224	The Chicano Movement	3
LLAS-225	Puerto Ricans & The Caribbean	3
LLAS-290	Research Methods In Latino And Latin American Studies	3
LLAS-301	Field Seminar In Latino & Latin American Studies	3
LLAS-312	Introduction To The Barrio	3
LLAS-345	Race, Class, Gender & Latinos	3
LLAS-351	Latinos And Immigration	3
LLAS-353	Latino Diversities	3
LLAS-361	Queer Latin American Narrative And Film	3
LLAS-391	Internship In Latina/o & Latin American Studies	3
LLAS-393	Independent Studies In Latino & Latin American Studies	3
Philosophy		
PHIL-364	Critical Race Theory	3
PHIL-367	Postcolonialism	3
Political Science		
PSCI-329	Minority Politics In The United States	3
PSCI-331	Latinos & Public Policy	3
PSCI-332	Latinos & The Law	3
PSCI-333	Immigration, Ethnicity, And Citizenship	3
PSCI-365	Politics And Government Of Mexico, Central America And The Caribbean	3
PSCI-366	Politics And Governments Of South America	3
PSCI-386	Globalization & Politics	3
Psychology		
PSYC-317	Latino Psychology: Mental Health & The Latino Experience In The USA	3
Social Work		

SWK-203	Analysis Of Cross Culture Interaction ¹	3
SWK-308	Social Work Practice With Immigrants & Refugees	3
SWK-324	Social Work With Latino Communities	3
Sociology		
SOC-270	Sociology Of Latinas	3
SOC-314	Urban Sociology ¹	3
SOC-316	Race And Ethnic Relations	3
Spanish		
SPAN-314	Latin American Culture	3
SPAN-321	Latin American Literature I	3
SPAN-323	Latin American Literature II	3
SPAN-352	Puerto Rican Literature	3
SPAN-356	Realism And Naturalism In Spanish American Literature	3
SPAN-358	El Modernismo	3
SPAN-364	Chicago's Latin@ Literature & Culture	3
SPAN-368	Latin American Cinema	3
SPAN-371	Seminar: José Martí	3
SPAN-372	Alejo Carpentier	3
SPAN-374	Isabel Allende	3
SPAN-376	Gabriel García Márquez	3
SPAN-377	Caribbean Literature	3
SPAN-378	Mexican Literature	3
SPAN-379	Latin American Theater	3
SPAN-381	Contemporary Latin American Narrative	3
Teacher Education		
BLBC-338	Bilingualism And Education	3
BLBC-342	Assessment In The Bilingual Classroom	3
ELED-315	Teaching In The Inner City Elementary School	3
SCED-303F	Teaching Modern Foreign Languages In The Secondary School	3
Teaching English as a Second Language		
TESL-320K	Language & Culture: Latin America	3
World Languages & Cultures		
WLC-200L	Introduction To Latin American Cultures	3

¹ Requires LLAS Advisor approval to count as a LLAS Major/Minor elective.

Linguistics

The Department of Linguistics is committed to providing students with a solid foundation in the study and understanding of human language as a convergence of genetic, psychological, and social systems and networks. Knowledge of how and why we communicate brings us closer to understanding who we are and how we can affect our worlds.

Exploring language from both theoretical and functional perspectives, our program trains students to critically examine and analyze the world within and around them. The Department offers a minor in Linguistics at the undergraduate level and an MA in Linguistics at the graduate level. Course work in linguistics is a recognized asset for careers in curriculum development, language teaching, publishing, product branding, speech pathology, natural language processing, translation, law, education, and other professions within social and behavioral sciences, especially those concerned with language policies and practices in multilingual settings.

Further information about our programs can be found on our website: <http://www.neiu.edu/academics/college-of-arts-and-sciences/departments/linguistics>.

- Minor in Linguistics (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/linguistics/minor-inguistics>)

The Department of Linguistics offers courses leading to a minor in linguistics for liberal arts majors and for prospective elementary school language arts teachers. In addition, the department offers courses that are required for students majoring in English education on the Secondary level, and Bilingual-Bicultural Education.

Elementary and Early Childhood Minors

Students in the Elementary Education and Early Childhood Education programs who have selected this minor must complete a minimum of 9 hours at the 300-level to meet graduation and licensure requirements.

- Master of Arts in Linguistics (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/linguistics/master-arts-linguistics>)

Master of Arts in Teaching: Language Arts

MA Linguistics courses are open to students seeking an M.A. in Teaching: Language Arts. Students may enroll in Linguistics courses as part of their 9 hours elective requirement. Please see the program coordinator or the graduate advisor to seek approval for entrance into these classes.

Master of Science in Instruction: Language Arts

MA Linguistics courses are open to students seeking an M.S. in Instruction: Language Arts. Students may enroll in Linguistics 401 to satisfy the Language Arts concentration in the Secondary Sequence. They may also enroll in other Linguistics courses as part of their 9 hour elective requirement. Please see the program coordinator or the graduate advisor to seek approval for entrance into these classes.

Shahrzad Mahootian, Ph.D., Professor, Program Coordinator

Richard W. Hallett, Ph.D., Professor

Judith Kaplan-Weinger, Ph.D., Professor

Lewis Gebhardt, Ph.D., Assistant Professor

LING-109. First Year Experience: Language And Diversity In Chicago. 3 Hours.

Hands-on research, using Chicago's rich diversity of languages in contact as a laboratory, will enable you to understand the mechanisms, dynamics and manipulations of language and language use. Students will explore the following questions: What is language? What makes it universal? What makes it unique? How can it be used as a tool? How does it unite or divide? What is language contact and how does it affect you? What is the relationship between language and identity? What is language diversity and what brings it about? How does an awareness of language make you a stronger, more confident communicator?.

LING-110. Lexicology: The Study Of Words. 3 Hours.

Introduction to the study of words, with particular attention to English from an historical, structural and sociolinguistic perspective. This course meets one of the Humanities requirements of the General Education Program.

LING-120. Language And Human Behavior. 3 Hours.

Introduction to basic principles of psycholinguistics and sociolinguistics. Subjects covered may include dialect variation, language and the brain, child language acquisition, language and gender, conversational analysis, non-verbal behavioral, pidgins and creoles, and sign language. The course is designed for students having no background in linguistics. This course meets one of the Humanities requirements of the General Education Program as well as the Improving Human Relations requirement.

LING-201. Introduction To General Linguistics. 3 Hours.

Nature and structure of languages and American English in particular. An overview of the description of language systems in terms of phonology (sound systems), morphology (word formation) and syntax (sentence organization). May also include an introduction to the areas of semantics (word meaning), pragmatics (the rules of the use of language in social contexts and conversation), and dialectology (cultural and geographical varieties of language use), and a look at the history of English and its relationship to other languages.

LING-300. English Grammar In The Classroom. 3 Hours.

This course introduces the basics of sentence structure in English with the purpose of enabling future teachers to teach English grammar successfully in a multicultural classroom. To this end, students will learn forms and functions of spoken and written English and learn grammatical terminology. They will also investigate issues related to standard and non-standard varieties of English and to the relationship between grammar and language instruction.

Prerequisite: LING-120 minimum grade of C or LING-201 minimum grade of C.

LING-301. History Of The English Language. 3 Hours.

Historical descriptive linguistic survey of English from its origins to modern English.

Prerequisite: LING-201 minimum grade of C.

LING-302. Theory Of Grammar. 3 Hours.**LING-303. Grammars Of English. 3 Hours.**

A descriptive and historical analysis of English grammar.

Prerequisite: LING-201 minimum grade of C.

LING-304. Introduction To Phonetics & Phonology. 3 Hours.

This class provides a foundation in the acoustic and articulatory properties of the sounds used in human languages and introduces theories about the systematic variation of sounds in ordinary speech. Through reading, problem solving and class discussion, students become familiar with basic phonetics, the analysis of sounds into features, both rule-based and constraint-based theories of sound variation, and the structure of sound at the segment, syllable and phrase levels. Prereq: or consent of instructor.

Prerequisite: LING-201 minimum grade of C.

LING-310. Historical/Comparative Linguistics. 3 Hours.

Prerequisite: LING-201 minimum grade of C.

LING-316. Languages And Cultures: Middle East. 3 Hours.

This courses introduces students to the languages, cultures, values, preconceptions and misconceptions associated with the region known as the Middle East. A variety of sources, including academic texts, articles, fiction, poetry, film and the visual arts are incorporated to better grasp and appreciate the complex of languages and cultures of the region. Check the current schedule for the focus country. By permission of instructor.

Prerequisite: LING-201 minimum grade of C or LING-322 minimum grade of C or ANTH-212 minimum grade of C or HIST-111F minimum grade of C or HIST-391 minimum grade of C.

LING-320G. Language And Culture: Aboriginal Australia. 3 Hours.

This course focuses on the languages and cultures of Aboriginal Australia. It will examine a number of different linguistic features (phonological, morphological, and syntactic) found in a variety of Australian languages. In Addition to structural features, the course will examine Aboriginal languages and their interaction within the social and cultural setting of traditional life as well as issues involving language and cultural contact with European powers.

Prerequisite: LING-201 minimum grade of C.

LING-320N. Language And Culture: Native American. 3 Hours.

This course focuses on the languages and cultures of Native America. It will examine a number of different linguistic features (phonological, morphological, and syntactic) found in a variety of North American languages. In addition to structural features, the course will examine languages and their interaction with social and cultural domains as well as issues of language contact.

Prerequisite: LING-201 minimum grade of C.

LING-322. Introduction To Sociolinguistics. 3 Hours.

A look at language variation based on social contexts. Includes ethnic, regional and social dialects, language and gender, and pidgin and creole language systems.

LING-323. First & Second Language Acquisition. 3 Hours.

Survey of recent theories and research on children's acquisition of phonological, morphological, syntactic, semantic, and pragmatic systems of their first language. Survey of recent theories and research on second language acquisition.

Prerequisite: LING-201 minimum grade of C.

LING-326. Narratives Of The Jewish Experience. 3 Hours.

This course focuses on stories told in contemporary Jewish communities as illustrative of the Jewish experience. Narrative is both representative and constructive of life experience, memory, and identity. We will listen to and analyze stories collected by others and available to wide audiences, and to stories we collect through interactions and interviews. Analyses will be conducted within a narratological framework that blends discursive and psycho-analytic theory and practice. Students will gather oral narratives from family members, community members, political and religious leaders, and educators with the goal of analyzing how stories both reveal and construct personal and social identities.

LING-337. Ethnography Of Communication. 3 Hours.

This course adopts ethnographic methodology to explore the acquisition and performance of communicative competence in a variety of professional settings. The concept of communicative competence has its origins in the field of sociolinguistics - the branch of linguistics that studies the relationship between language and culture or, as sometimes defined, language in society. Key to one segment of sociolinguistic research and practice is the field of ethnography of communication, initiated by anthropological linguist Dell Hymes and John Gumperz. Ethnography of communication focuses on identifying and analyzing "the situations and uses, the patterns and functions of speaking as an activity in its own right" (Hymes 1974). In so doing, the theory and application of this field focuses on identifying the norms of appropriate language use in interaction in given social domains.

Prerequisite: LING-322 minimum grade of B.

LING-338. Introduction To Syntactic Theory. 3 Hours.

Following the ground work established over the past 15 years, this course will introduce students to modern syntactic theory as practiced within the Minimalist Program. An emphasis will be placed on the methodological and theoretical achievements of this area of research as developed in the past decade. Students will further examine the notions of functional and lexical projections, empty categories, feature checking operations, various kinds of movement and merge operations, and locality constraints.

Prerequisites: LING-201 minimum grade of B and LING-303 minimum grade of B.

LING-344. Linguistics And Reading. 3 Hours.

Relationship between language and structure and the reading process with emphasis on the practical problems such as the variety of dialectically different sound-symbol-correspondences in English, the perception of speech sounds, the reader's interpretation of syntactic and semantic structures, various alphabetic systems for teaching beginning reading, and an analysis of linguistic texts for teaching reading. Designed to be useful to the in-service classroom teacher as well as to undergraduates.

LING-347. The Origin Of Language. 3 Hours.

Organized as a seminar, this course discusses recent theories concerned with how, when and why language appeared in the human lineage. Students are introduced to scholarship from a range of fields including linguistics, cognitive science, philosophy, anthropology, primatology and evolutionary biology to address questions including: What is language? What cognitive and social preconditions underlie it? What are the similarities and differences between human language and other animals' communication systems? What language-specific biological wiring may exist at the core of the human language faculty? How was language adaptive for those humans? Did language emerge relatively recently and suddenly, or gradually over millions of years? Permission of instructor required.

Prerequisite: LING-201 minimum grade of C or BIO-201 minimum grade of C or ANTH-212 minimum grade of C or ANTH-215 minimum grade of C.

LING-361. Introduction To World Englishes. 3 Hours.

Examination of issues involved in the development, spread, and maintenance of varieties of English throughout the world, now commonly referred to as Global or World Englishes. This course emphasizes the historical, political, and ideological issues of globalization, nativization, post-colonialism, standardization, and pedagogy of native and non-native varieties of English.

Prerequisite: LING-201 minimum grade of C.

LING-362. Linguistics And Literature. 3 Hours.

This course presents an introduction to linguistic and discourse-analytic approaches to style in literary works. The study of literary language, most typically the domain of courses in literature, is also undertaken by linguists for the obvious reason that literature, as language, is composed of the structures and used for the functions that are the focus of formal and applied linguistic analysis. Linguistics and Literature focuses on the stylistic use of phonological, morphological, syntactic and semantic features; paralinguistic features of intonation, pitch, rhythm, stress, loudness, and speed; and speech acts and pragmatic conventions of indirectness; entailment, presupposition, implication, and persuasion. By permission of instructor.

Prerequisite: LING-201 minimum grade of C.

LING-363. Graphic Narratives: Literary, Cultural, And Linguistic Approaches. 3 Hours.

This course situates the graphic narrative as a complex, cultural form that deserves academic attention. Together, we will analyze how images and words interact in graphic narratives to create new identity formations, new cultural meanings, new knowledge webs, new histories, and new narratives.

Prerequisite: LING-120 minimum grade of C or LING-201 minimum grade of C.

LING-391F. Advanced Grammatical Analysis: Mandan. 3 Hours.

This is a course in advanced linguistic analysis. It focuses on the extremely endangered Siouan language, Mandan. Students will learn how to do linguistic research through a critical analysis of existent Mandan texts and explore various aspects of Mandan grammar. Topics may include any aspect of morphology, syntax, or narrative discourse structure.

Prerequisites: LING-201 minimum grade of B and LING-303 minimum grade of B and LING-322 minimum grade of B.

LING-391N. Advanced Grammatical Analysis: Biloxi. 3 Hours.

This is a course in advanced linguistic analysis. It focuses on the extinct Siouan language, Biloxi. Students will learn how to do linguistic research through a critical analysis of existent Biloxi texts and explore various aspects of Biloxi grammar. Topics may include any aspect of morphology, syntax, or narrative discourse structure.

Prerequisites: LING-201 minimum grade of B and LING-303 minimum grade of B and LING-322 minimum grade of B.

LING-391O. Advanced Grammatical Analysis: Crow. 3 Hours.

This is a course in advanced linguistic analysis. It focuses on the endangered Siouan language, Crow. Students will learn how to do linguistic research through a critical analysis of existent Crow texts and explore various aspects of Crow grammar. Topics may include any aspect of morphology, syntax, or narrative discourse structure.

Prerequisites: LING-201 minimum grade of B and LING-303 minimum grade of B and LING-322 minimum grade of B.

LING-401. Fundamentals Of Modern Linguistics. 3 Hours.

Overview of language as a rule-governed system, with particular emphasis on the following subfields of linguistics: phonetics (the sounds of a language), phonology (the functioning and patterning of sounds), morphology (the analysis of word structure), syntax (the analysis of sentence structure), and semantics (the analysis of meaning). This course will also give a historical overview of the field of linguistics. Other topics may include historical linguistics, language typology, pragmatics, sociolinguistics, the brain and language, and computational linguistics. By permission of instructor.

LING-405. Typology. 3 Hours.

Typology studies the similarities and differences among human languages. We observe which categories (such as noun, verb, past) and which structures (such as questions, passive, causative) are universal, common or rare among the world's languages and how they are crosslinguistically similar and different. We then ask why languages seem to prefer some categories and constructions over others and what that might say about the human capacity for language. Through reading, problem solving and fieldwork, students learn about these language structures and discuss proposed explanations for why languages are the way they are.

LING-422. Phonetics & Phonology. 3 Hours.

This class provides a foundation in the acoustic and articulatory properties of the sounds used in human languages and introduces theories about the systematic variation of sounds in ordinary speech. Through reading, problem solving and class discussion, students become familiar with basic phonetics, the analysis of sounds into features, both rule-based and constraint-based theories of sound variation, and the structure of sound at the segment, syllable and phrase levels. By consent of instructor.

Prerequisite: LING-401 minimum grade of C.

LING-427. Morphology. 3 Hours.

The goal of morphology is to understand word structure and speakers' implicit knowledge of the components of words and their properties. By looking at data from many languages, students will become familiar with morphological processes such as derivation, inflection, compounding, incorporation and cliticization and with various proposals to account for word structure in languages. By consent of instructor.

Prerequisite: LING-401 minimum grade of C.

LING-430C. Structure Of Language: Lakhota. 3 Hours.

Lakhota is a member of the Mississippi Valley branch of the Siouan Language family. The language is an agglutinating one with many synthetic characteristics. This course will examine the structure of the Lakhota language, focusing on the phonology, morphology, and syntax of the language. This will be accomplished by reading and comparing a number of grammars and sketches as well as examining original Lakhota texts.

Prerequisites: LING-401 minimum grade of C and LING-422 minimum grade of C and LING-437 minimum grade of C.

LING-433. Lexicography. 3 Hours.

Review of the problems and trends of word study in the past, especially the notions surrounding the concepts of authority and usage of language: scrutiny of the various types and sources of English vocabulary; recent linguistic insights considered in the light of their value for various kinds of handbooks.

Prerequisite: LING-401 minimum grade of C.

LING-435. Semantics. 3 Hours.

What is meaning? How does word meaning contribute to sentence meaning? How are sentences semantically related to each other? How do words and sentences connect to the world and our thoughts about it? This course introduces the basic principles of semantics and how they are applied to a scientific analysis of meaning in language. Topics covered include the components of word meaning, the composition of words into sentence meaning, logic and truth conditions, lexical semantics, formal semantics and the pragmatic effects of context on meaning.

Prerequisites: LING-401 minimum grade of C and LING-437 minimum grade of C.

LING-437. Introduction To Generative Grammar. 3 Hours.

This course introduces the study of sentence structure in natural language, with a goal of characterizing the unconscious knowledge that speakers have for recognizing, producing and interpreting any sentence in their language. Working within a Chomskyan generative approach, students analyze data in English and other languages to become familiar with issues such as constituent structure, argument structure and theta roles, case, movement and empty categories. Emphasis is placed on theory building and generalizing particular solutions to what might be universals about sentence grammar.

Prerequisite: LING-401 minimum grade of C.

LING-438. Syntax. 3 Hours.

This advanced course builds on Ling 437, reviewing basic principles of syntax and investigating them in greater detail. Students are introduced to recent literature on syntax, mostly within a generative perspective, but the strategy of the class is also to have students explore issues, analyze data and come up with their own proposals to various problems under Minimalist assumptions. The class also emphasizes theory building and justifying many assumptions that underlie syntactic theory. Topics include clause structure, noun phrase structure and the interface between syntax and semantics.

Prerequisites: LING-401 minimum grade of C and LING-437 minimum grade of C.

LING-440. Linguistics And Literacy. 3 Hours.

Differences between spoken and written languages; the functions of writing in a literate society; writing systems with particular reference to English orthography; current psycholinguistic research on the acquisition of written language skill; pedagogical implications of linguistic views on literacy.

Prerequisite: LING-401 minimum grade of C.

LING-446. Sociolinguistics. 3 Hours.

Sociolinguistics examines ways in which language practices of individuals and communities vary in relation to social, cultural, and individual factors. This course explores topics such as language and identity, language contact, social and regional dialectology, interactional discourse, ethnography of communication, and language and gender.

LING-447. The Origin Of Language. 3 Hours.

The course introduces theorizing about how, when and why language appeared in humans, by considering evidence from linguistics, anthropology, cognitive science, philosophy, primatology and evolutionary biology. The course asks four broad questions: Did language appear gradually or suddenly? Did it appear recently or millions of years ago? How was language adaptive for the individuals who had it? What conditions were necessary for language to appear? Caution: this course is NOT about historical linguistics, the study of language change through time. This course looks at how language evolved in the species.

Prerequisite: LING-201 minimum grade of C or LING-401 minimum grade of C or BIO-201 minimum grade of C or ANTH-212 minimum grade of C or ANTH-215 minimum grade of C.

LING-448. Discourse Analysis. 3 Hours.

Discourse analysis examines the structuring and use of language to promote social action - i.e. language produced in recognition of and response to its role in society and effects on others. Theory and research focus on gathering and analyzing naturally-occurring texts to gain understanding of the patterns of social action they respond to and initiate. Research explores spoken, written, and visual texts and sociolinguistic aspects of the relationship between languages, cultures, and individuals. Students will come to understand that identity - personal, social, national - as well as ideology - are constructed by and, in turn, serve to construct interactional discourse.

Prerequisites: LING-401 minimum grade of C and LING-437 minimum grade of C and LING-446 minimum grade of C.

LING-449. Anthropological Linguistics. 3 Hours.

Combining the theory and methodology of the ethnographic analysis of culture with the theory and methodology of the sociolinguistic analysis of contextualized talk and text, this course examines the social practice of language in use within and across cultures. Through collection and analysis of naturally-occurring culturally-grounded data, students will identify and come to appreciate how language structures and reveals the systems that both influence and expose cultural knowledge. Students can apply their awareness to culturally-bounded events in settings such as education, corporations, families, and the world at large.

Prerequisites: LING-401 minimum grade of C and LING-437 minimum grade of C and LING-446 minimum grade of C.

LING-450. First Language Acquisition. 3 Hours.

In this course we examine the stages through which a child passes towards native language mastery of the phonological, morphological, syntactic, and semantic systems. Various theories which attempt to account for the child's ability to acquire language will be considered in light of the context of monolingual and bilingual language acquisition.

Prerequisite: LING-401 minimum grade of C.

LING-452. Psycholinguistics. 3 Hours.

Theoretical studies in the area of linguistics and psychology; possible implications of the form of grammar for the language learning process; survey of relevant research.

Prerequisite: LING-401 minimum grade of C.

LING-453. Language Contact. 3 Hours.

This course examines language contact as a sociolinguistic phenomenon and articulates its impact on individuals and society. It focuses on issues such as language choice, language maintenance and language death in multilingual communities, national and individual identity, the structure, function and impact of codeswitching, and controversial issues such as bilingual language acquisition and the relationship between bilingualism and cognitive, linguistic and social development.

Prerequisites: LING-401 minimum grade of C and LING-437 minimum grade of C and LING-446 minimum grade of C.

LING-454. Language and Identity. 3 Hours.

This course explores the role of language in the construction of identities and the significance of identity construction as a negotiated social action within language variation. The concept and construction of identity is investigated at the individual, community, and global levels. The focus of the course is on how these multi-leveled identities are developed and realized through the use of language. The course explores a wide range of theoretical and methodological perspectives on identity in mono- as well as multi-lingual contexts.

Prerequisite: LING-401 minimum grade of C or LING-446 minimum grade of C.

LING-461. Issues In Multiple Language Acquisition. 3 Hours.

This course examines how speakers of one dialect/language learn other dialects/languages. Going beyond the traditional research on second language acquisition, this course emphasizes the theoretical issues of the acquisition of phonology, morphology, syntax, semantics, and pragmatics in a third language. Also emphasized are the differences and similarities in learning a second dialect, which may be more difficult than second language acquisition for learners.

Prerequisites: LING-401 minimum grade of C and LING-422 minimum grade of C and LING-437 minimum grade of C.

LING-462. Lexical Acquisition. 3 Hours.

This course examines how language learners acquire/learn vocabulary. Going beyond the traditional research on second language acquisition, this course focuses solely on the theoretical issues of lexical acquisition. Though the primary emphasis is on the acquisition of vocabulary in a second or third language, first language vocabulary acquisition will also be discussed.

Prerequisites: LING-401 minimum grade of C and (LING-427 minimum grade of C or LING-435 minimum grade of C).

LING-471. World Englishes. 3 Hours.

Examination of issues involved in the development and maintenance of varieties of English throughout the world, now commonly referred to as World Englishes. Specifically, this course emphasizes the historical, political, and ideological issues of post-colonialism, globalization, nativization, standardization, hegemony, canon, and pedagogy of native and non-native varieties of English.

Prerequisites: LING-401 minimum grade of C and LING-446 minimum grade of C.

LING-472. American English - History And Growth. 3 Hours.

Phonology, morphology, syntax, lexicon of English in the United States as well as its cultural history with reference to the mother country and the New World, both in colonial and post-revolutionary times.

Prerequisite: LING-401 minimum grade of C.

LING-473. The English Language - History And Development. 3 Hours.

Survey of English phonology, morphology, syntax, lexicon and cultural history through Old English, Middle English, early Modern English and recent Modern English, using literary documents for the older periods, and literary as well as spoken records for the most recent times.

Prerequisite: LING-401 minimum grade of C.

LING-475. Historical & Comparative Linguistics. 3 Hours.

This course introduces students to the systematic comparison of languages to understand how languages change through time, and how they are thought to be related to one another and to their common ancestors. Students bring together the standard aspects of linguistics – the lexicon, morphology, phonology, syntax, and semantics – and see how these components of grammar changes over time. The course covers the history of the comparative method from the birth of modern linguistics and integrates modern theories about dialectology and sociolinguistics, and how language variation is related to language change. By consent of instructor.

Prerequisites: LING-401 minimum grade of C and LING-405 minimum grade of C and (LING-422 minimum grade of C or LING-427 minimum grade of C or LING-437 minimum grade of C).

LING-481. Language & Tourism. 3 Hours.

Advanced work and individual projects in language and tourism, a growing area of applied linguistics. Topics will include the sociolinguistics of tourism, social/identity construction of not only tourists but also of touristic locations, language use in tourism, discursive, visual semiotic, and ethnomethodological analyses of tourism materials.

Prerequisites: LING-446 minimum grade of C and LING-401 minimum grade of C.

LING-482. Stylistics. 3 Hours.

Adopting theory and techniques of linguistic and discourse analysis, this course in stylistics focuses on the linguistic analysis of literary texts. Both in terms of their structure and their communicative functions, literary texts participate in the construction and presentation of nations, regional and social communities, and individuals. The language of literature -- including word choice, sentence structure, and paralinguistic cues -- functions to position characters and places by forging their identities. At the same, literary texts can be understood, in a social constructionist framework, to construct the identities of those who partake in their consumption. By consent of instructor.

Prerequisites: LING-401 minimum grade of C and LING-448 minimum grade of C.

LING-483. Field Methods In Linguistics. 3 Hours.

This course will introduce students to the goals and methods of linguistics research, including both qualitative and quantitative methodologies. Topics include the scientific method, data collection and transcription, corpus research, psycholinguistic research, field methods, argumentation, structuring of abstracts and research papers, APA vs. MLA style, conferences, ethical issues, professionalization, and interpretation of research articles.

LING-484. Language Endangerment And Documentation. 3 Hours.

This course focuses on language endangerment and documentation. It will look at issues of language shift and discuss how languages become endangered and lost. It will also discuss how languages are best documented and discuss how the field's Best Practices Guide has evolved.

Prerequisites: LING-401 minimum grade of C and LING-405 minimum grade of C and LING-422 minimum grade of C and LING-437 minimum grade of C.

LING-488. Languages & Cultures Of Iran. 3 Hours.

The language and culture of modern Iran are explored through academic readings, essays, autobiographies, and films as we delve into the question, Who are the Iranians? The languages and identities of this multilingual nation are explored through language variation, gender, age, class, and other social variables. Special attention is given to social and linguistic contact phenomena as we trace the history and evolution of the languages spoken in Iran and the communities who speak them. The structure and use of modern Farsi, along with its historical and social development will also be investigated.

Prerequisites: LING-401 minimum grade of C and LING-405 minimum grade of C and LING-437 minimum grade of C and LING-446 minimum grade of C.

LING-489. Linguistics In The Professions. 3 Hours.

Linguistics, defined as the scientific study of language, has both formal aims in describing the structural components of language and functional aims in applying understanding of these formal systems to addressing matters pertinent to interactional discourse, the presentation of self, and the co-construction of social and personal identity. Linguistics offers its graduates many varied opportunities for careers across numerous disciplines. This course offers students new to the field an introduction to many of those disciplines; as they continue their studies in our program, they can do so with the necessary schema for how they can apply what they learn.

LING-491E. Translation And Linguistic Analysis: Aleut. 3 Hours.

This course focuses on the translation of texts for a linguistic analysis of various aspects of the structure of the language in question. Students learn how to do a linguistic analysis of the target language focusing on some aspect of linguistics. The end project is a 15-20 page paper that can be presented at a professional conference. Students can focus on any area of the field of linguistics (these areas can include phonology, morphology, syntax, or discourse analysis).

Prerequisites: LING-401 minimum grade of C and LING-405 minimum grade of C and LING-422 minimum grade of C and LING-437 minimum grade of C.

LING-491F. Translation: Mandan. 3 Hours.

This course is an exercise in linguistic analysis. The Mandan language is an extremely endangered language comprising its own branch of Siouan. Employing a critical linguistic analysis of the existent texts, students will analyze some aspect of Mandan grammar. Topics can include any aspect of phonology, morphology, syntax, or discourse structure.

Prerequisites: LING-401 minimum grade of C and LING-405 minimum grade of C and LING-422 minimum grade of C and LING-437 minimum grade of C.

LING-491N. Translation: Biloxi. 3 Hours.

This course is an exercise in linguistic analysis. The Biloxi language is an extinct member of the Ohio Valley branch of Siouan. Employing a critical linguistic analysis of the existent texts, students will analyze some aspect of Biloxi grammar. Topics can include any aspect of phonology, morphology, syntax, or discourse structure.

Prerequisites: LING-401 minimum grade of C and LING-405 minimum grade of C and LING-422 minimum grade of C and LING-437 minimum grade of C.

LING-5901. Thesis Hours. 1 Hour.

Guidance of students conducting research and writing a thesis to fulfill the requirements for the Master of Arts degree in Linguistics. This course requires approval of the instructor, Department Chair and the appropriate College Dean(s). Students will have completed the 9 required courses with a B average or higher, and have obtained the approval of their graduate advisor before registering for the thesis hours.

LING-5902. Thesis Hours. 2 Hours.

See course description for LING-5901.

LING-5903. Thesis Hours. 3 Hours.

See course description for LING-5901.

Master of Arts in Linguistics

Master of Arts in Linguistics

The graduate program offers work leading to a Master of Arts degree in Linguistics. Our dynamic curriculum combines core studies in the structure of language [phonology, morphology, syntax, semantics] with current approaches in sociolinguistics, language acquisition, psycholinguistics, language contact and bilingualism, World Englishes, native and endangered languages, discourse analysis, and identity studies.

Requirements for Admission to the Program

Students must fulfill the requirements for admission to the College of Graduate Studies & Research of Northeastern Illinois University and apply to the Linguistics Department (GC11) for admission to the degree program. A student-at-large may transfer no more than 9 credit hours of graduate coursework into the graduate Linguistics program.

The applicant must possess:

- a bachelor's degree from an accredited college or university
- an undergraduate academic record with a grade point average of 2.75 or better (4-point scale). No GRE is required.
- nine hours or the equivalent of college-level foreign language study.

When students do not meet the language requirement, they may be given provisional admission and may complete their required foreign language course work while enrolled in the MA program. The language requirement must be fulfilled before applying for graduation. International students must score 550 (213 on the computer-based exam) or higher on the TOEFL; Or a score of 6.5 on the IELTS. In some instances, a Test of Written English (TWE) score may also be required. Admission to the M.A. program may be restricted if a student possesses a bachelor's degree from a non-accredited or foreign institution.

Requirements for the Degree

12 courses/36 hours of course work; Cumulative 3.0 GPA in Linguistics courses with no more than 2 grades of C; successful completion and oral defense of a Linguistics Capstone course or Thesis.

Required Courses

LING-401	Fundamentals Of Modern Linguistics	3
LING-405	Typology	3
LING-422	Phonetics & Phonology	3
LING-427	Morphology	3
or LING-435	Semantics	
LING-437	Introduction To Generative Grammar	3
LING-446	Sociolinguistics	3
LING-448	Discourse Analysis	3
LING-450	First Language Aquisition	3
LING-461	Issues In Multiple Language Acquisition	3

Electives

Select 2 electives and a Capstone course OR select one elective and Thesis Hours. Electives may be selected from the list below or from one of the Capstone courses without the Capstone requirement.

LING-433	Lexicography	
LING-438	Syntax	
LING-440	Linguistics And Literacy	
LING-447	The Origin Of Language	
LING-452	Psycholinguistics	
LING-472	American English - History And Growth	
LING-473	The English Language - History And Development	
LING-475	Historical & Comparative Linguistics	
LING-481	Language & Tourism	
LING-483	Field Methods In Linguistics	
LING-484	Language Endangerment And Documentation	
LING-489	Linguistics In The Professions	

Capstone/Thesis

Select one of the following courses as a Capstone course or select Thesis Hours.

LING-430C	Structure Of Language: Lakhota
LING-449	Anthropological Linguistics
LING-453	Language Contact
LING-454	Language and Identity
LING-462	Lexical Acquisition
LING-471	World Englishes
LING-482	Stylistics
LING-488	Languages & Cultures Of Iran
LING-491E	Translation And Linguistic Analysis: Aleut
LING-491F	Translation: Mandan
LING-491N	Translation: Biloxi

A total of 6 credits of Thesis Hours required (from the LING 590 series)

Total Hours

36

Completion of the M.A. in Linguistics

Students may choose to complete their MA degree through either a Capstone Experience or the Thesis Seminar. Both options engage students in an assessment component that authentically addresses and evaluates their knowledge and skills in linguistics and applied linguistics. Students will have completed the 9 required courses with a B average or higher, and have obtained the approval of their graduate advisor before registering for a capstone course or thesis.

The Capstone

The Linguistics MA capstone has two components. The first is completion of a capstone course (see list of Capstone Courses). The second component is a 20-minute presentation based on the capstone paper at the NEIU Student Symposium or at a Linguistics Department Student Colloquium.

The capstone offers students a unique opportunity to integrate their MA linguistics education and demonstrate comprehensive knowledge of linguistics. Students complete their capstone research by demonstrating how their understanding of a number of the linguistic sub-areas covered in the required courses are relevant to the content of their capstone course and paper. The product of this capstone experience will be a research paper that is appropriate for conference presentation and/or publication.

Thesis Option

Students will work with a committee of three Linguistics faculty to conduct original research and to write a thesis. Students will have completed the 9 required courses with a B average or higher, and have obtained the approval of their graduate advisor before registering for the thesis hours.

Minor in Linguistics

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Linguistics (18 credit hours)

Required Courses

LING-201	Introduction To General Linguistics	3
LING-300	English Grammar In The Classroom	3
LING-322	Introduction To Sociolinguistics	3

Electives

Select 9 credit hours from the following courses - 3 credit hours at the 300 level; 6 credits of linguistics courses at any level, chosen in consultation with the undergraduate advisor.

LING-301	History Of The English Language	
LING-303	Grammars Of English	
LING-304	Introduction To Phonetics & Phonology	
LING-316	Languages And Cultures: Middle East	
LING-320G	Language And Culture: Aboriginal Australia	
LING-320N	Language And Culture: Native American	
LING-337	Ethnography Of Communication	
LING-347	The Origin Of Language	
LING-361	Introduction To World Englishes	

LING-362	Linguistics And Literature	
Total Hours		18

Mathematics

The Department of Mathematics offers courses leading to the degrees of Bachelor of Arts, Master of Arts, and Master of Science.

An undergraduate major in mathematics provides preparation for mathematics-related careers and for graduate study. Students may also combine a study of mathematics with teacher education.

Undergraduate Programs

- Major in Mathematics (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/mathematics/mathematics>) (Applied and Secondary Education-Mathematics)
- Elementary Education and Humanities Mathematics Minor (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/mathematics/elementary-education-humanities-mathematics-minor>)
- Minor in Applied Mathematics (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/mathematics/minor-applied-mathematics>)
- Minor in M (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/mathematics/minor-applied-mathematics>) athemtical & Statistical Modeling of Complex Systems (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/mathematics/mathematical-statistical-modeling-minor>)

Graduate Programs

- Master of Science in Mathematics (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/mathematics/master-science-mathematics>) (Applied and Secondary Education-Mathematics)
- Master of Arts in Pedagogical Content Knowledge for Teaching Elementary and Middle School Mathematics (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/mathematics/master-arts-pedagogical-content-knowledge-teaching-elementary-middle-school-mathematics>)

Lidia Z. Filus, Ph.D., Professor, Chair
 Katherine Bird, Ph.D., Assistant Professor
 Sarah Cordell, D.A., Associate Professor
 Matthew Graham, Ph.D., Assistant Professor
 P. Wagala Gwanyama, Ph.D., Professor
 Joseph E. Hibdon, Ph.D., Assistant Professor
 Nabil Kahouadji, Ph D., Assistant Professor
 Anna Mitina, Ph.D., Professor
 Marina Polyashuk, Ph.D., Associate Professor
 Shan Wang, Ph.D., Assistant Professor
 Nancy Wrinkle, Ph.D., Associate Professor
 Zhonggang Zeng, Ph.D., Professor

MATH-090. Elementary Algebra. 3 Hours.

This course develops the foundations of algebra, beginning with the real number system and its operations. Topics include: variable expressions, linear equations, exponents and polynomials, applications of proportion, percent, and the use of formulas to develop problem solving skills. Freshman students are initially placed into mathematics courses by their MATH ACT scores, their NEIU Mathematics Placement Test scores, or by an appropriate score on the Advanced Placement Test in Calculus. (This course does not count toward graduation or GPA.).

Prerequisite: NEIU Math Placement Result 00 - 40 (or ACT Math 01 - 36 or Accuplacer Elementary Algebra 020 - 040).

MATH-0901. Math Enrichment Workshop For Math 090. 1 Hour.

Mathematics enrichment workshop for students currently enrolled in MATH-090. The workshops draw on the Peer Led Team Learning (PLTL) and Emerging Scholars Program (ESP) models, which have been nationally identified for increasing students' probability of earning higher grades in their required mathematics courses. Workshop participants will attend a workshop during the same day and time each week; collaboratively solve problems related to their standard Math 090 course within small peer groups; receive guidance from math instructors who are specially trained to facilitate the workshops; and participate in social events with workshop peers during the semester.

Corequisite: MATH-090.

MATH-091. Intermediate Algebra I. 3 Hours.

This course develops the foundations of algebra, beginning with the real number system and its operations. Topics include: variable expressions, linear equations and systems of equations, exponents, polynomials, factoring trinomials, and solving equations by factoring. Freshman students are initially placed into mathematics courses by their MATH ACT scores, their NEIU Mathematics Placement Test scores, or by an appropriate score on the Advanced Placement Test in Calculus. (This course does not count toward graduation of GPA.).

Prerequisite: (MATH-090 or NEIU Math Placement Result 01 - 45 or ACT Math 17 - 18 or Accuplacer Elementary Algebra 041 - 059).

MATH-0911. Math Enrichment Workshop For Math 091. 1 Hour.

Mathematics enrichment workshop for students currently enrolled in MATH-091. The workshops draw on the Peer Led Team Learning (PLTL) and Emerging Scholars Program (ESP) models, which have been nationally identified for increasing students' probability of earning higher grades in their required mathematics courses. Workshop participants will attend a workshop during the same day and time each week; collaboratively solve problems related to their standard Math 091 course within small peer groups; receive guidance from math instructors who are specially trained to facilitate the workshops; and participate in social events with workshop peers during the semester.

Corequisite: MATH-091.

MATH-092. Intermediate Algebra II. 3 Hours.

This course further develops the concepts and structures of intermediate algebra. A review of linear equations, polynomials, and factoring, prepares students for the study of linear, quadratic, exponential, and logarithmic equations and functions. Additional topics to prepare students for college algebra include: rational expressions and equations, complex numbers, rational exponents, graphing and applications of quadratic functions, and properties of logarithms. Freshman students are initially placed into mathematics courses by MATH ACT scores, NEIU Mathematics Placement Test scores, or by an appropriate score on the Advanced Placement Test in Calculus. (This course does not count toward graduation or GPA.)

Prerequisite: (MATH-091 - 499 or MATH-091A - 499Z or NEIU Math Placement Result 02 - 45 or ACT Math 19 - 36 or Accuplacer Elementary Algebra 060 - 084 or Accuplacer College Level Math 020 - 120).

MATH-0921. Math Enrichment Workshop For Math 092. 1 Hour.

Mathematics enrichment workshop for students currently enrolled in MATH-092. The workshops draw on the Peer Led Team Learning (PLTL) and Emerging Scholars Program (ESP) models, which have been nationally identified for increasing students' probability of earning higher grades in their required mathematics courses. Workshop participants will attend a workshop during the same day and time each week; collaboratively solve problems related to their standard Math 092 course within small peer groups; receive guidance from math instructors who are specially trained to facilitate the workshops; and participate in social events with workshop peers during the semester.

Corequisite: MATH-092.

MATH-101A. Basic Mathematical Reasoning 1. 2 Hours.

This first part of a two-semester stretch course (equivalent to Math 113) provides a foundation for students to become confident and critical users of quantitative information of all kinds: numerical, graphical and verbal. Students analyze data and ideas from a variety of fields, such as psychology, economics, finance, sociology and political science. The course is taught in a computer laboratory environment, where students are introduced to tools for data analysis and presentation. Active learning and reasoning are emphasized. By completing Math 101A and 101B, students needing one credit math course will have completed their math requirement.

Prerequisite: Accuplacer Elementary Algebra 041 - 120 (or ACT Math 01 - 15).

MATH-101B. Basic Mathematical Reasoning 2. 2 Hours.

This second part of a two-semester stretch course (equivalent to Math 113) provides a foundation for students to become confident and critical users of quantitative information of all kinds: numerical, graphical and verbal. Students analyze data and ideas from a variety of fields, such as psychology, economics, finance, sociology and political science. The course is taught in a computer laboratory environment, where students are introduced to tools for data analysis and presentation. Active learning and reasoning are emphasized. By completing Math 101A and 101B, students needing one credit math course will have completed their math requirement.

Prerequisite: MATH-101A minimum grade of C.

MATH-112. Statistics In Daily Life. 3 Hours.

Process of classifying and drawing conclusions from data obtained from observations, experiment, or sampling. Decision making under uncertainty with emphasis on the behavioral fields. Study of frequency distributions and their use in the decision making process. Usage of computer and prepared software make plus a graphic calculator (TI-83 or equivalent) is required.

Prerequisite: (MATH-092 - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

MATH-113. Quantitative Reasoning. 3 Hours.

This course provides a foundation for students to become confident and critical users of quantitative information of all kinds: numerical, graphical and verbal. Students analyze data and ideas from a wide variety of fields, such as psychology, economics, finance, sociology and political science. The course is taught in a hands-on laboratory environment where students are introduced to computer tools for data analysis and presentation. Active learning and reasoning are emphasized, and technology is an integral part of the course. Students write critiques of quantitative arguments, gather data and present arguments based on their analysis.

Prerequisite: (MATH-092 - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

MATH-141. College Mathematics I. 3 Hours.

The purpose of this course is to introduce the students to several of the mathematical tools that are used in all areas of mathematics including subjects that are strongly mathematics driven; these tools facilitate (1) problem-solving in mathematics and (2) mathematical communication and connection with other branches and other disciplines. Graphing calculator will be required and used to facilitate better understanding of some mathematical models, algorithms and applications. Other topics include expressions, mathematical functions, equations, inequalities and complex numbers.

Prerequisite: (MATH-092 - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

MATH-143. College Mathematics II. 3 Hours.

The purpose of this course is to introduce the new teachers to the structure of Mathematics which include: mathematical reasoning; mathematical communication and connection with other branches and other disciplines; and problem-solving. Topics: number theory, combinatorics, geometry, probability and statistics, mathematics of finance.

Prerequisite: (MATH-092 - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

MATH-145. Algebra Concepts For Educators. 4 Hours.

This course focuses on algebra concepts and is designed to meet the needs of educators. Some of the concepts covered will be linear, quadratic, exponential and logarithmic functions, systems of equations and introduction to trigonometric functions. Problem solving, development of algebraic thinking and modeling simple and complex linear systems with and without technology will be emphasized. Written assignments and reflections on the learning process will be introduced as appropriate. Algebra concepts will be taught in the context of real world problems and applications. This course has been designed keeping in mind the NCTM teacher standards, Common Core Mathematical Practices, content and ELA Standards in Mathematics and the ISBE mathematics teacher standards and the content and pedagogy necessary to prepare teachers to be developmentally responsive teachers of math and science. Course is linked and integrated with the MSTQE Bios 110.

Prerequisite: MATH-150 minimum grade of C or MATH-151 minimum grade of C.

Corequisite: BIO-199.

MATH-147. Statistical Concepts For Educators. 4 Hours.

This course has been designed keeping in mind the NCTM teacher standards, Common Core Mathematical Practices, Content and ELA Standards in Mathematics and the ISBE mathematics teacher standards and the content within the paired interdisciplinary science course. There will be three principle components of the course: 1) descriptive statistics, 2) basic probability theory and central limit theorem, 3) applied statistics in the form of confidence intervals and hypothesis testing. Contemporary critical technologies such as data warehousing and mining, and concept modeling may be considered. This course is linked with BIO-104 Environmental Biology, and BIO-105 Environmental Biology Lab.

Prerequisite: MATH-141 minimum grade of C or MATH-108 minimum grade of C or NEIU Math Placement Result 30 or ACT Math 22 or ACT Math 23 or ACT Math 24 or Accuplacer College Level Math 020 or Accuplacer College Level Math 021 or Accuplacer College Level Math 022 or Accuplacer College Level Math 023 or Accuplacer College Level Math 024 or Accuplacer College Level Math 025 or Accuplacer College Level Math 026 or Accuplacer College Level Math 027 or Accuplacer College Level Math 028 or Accuplacer College Level Math 029 or Accuplacer College Level Math 030.

Corequisites: BIO-104, BIO-105.

MATH-149. Math For Elementary Teachers I. 4 Hours.

This is a foundational class in mathematics for those interested in becoming elementary or middle grades teachers. Topics include place value, models for and the development of arithmetic, mental math, estimation, word problems, algorithms, factors, primes, proofs, prealgebra, fractions, ratios, rates, and percentages. Emphasis on the development of elementary mathematics from an advanced standpoint.

Prerequisite: MATH-092 minimum grade of C.

MATH-150. Math For Elementary Teachers II With Problem Solving. 5 Hours.

This is a foundational class in mathematics for those interested in becoming elementary or middle grades teachers. Topics include measurement, geometric reasoning, similarity and congruence, applications of geometry, geometric proofs, area, volume, surface area, and probability and statistics. Problem solving and mathematical thinking activities covering both number and operations and geometry content will be integrated. Emphasis is on the development of elementary mathematics from an advanced standpoint.

Prerequisite: MATH-149 minimum grade of C.

MATH-151. Bridge Course In Mathematics For Elementary Teachers. 3 Hours.

MATH-151 is a course designed for students who have completed two college-level courses in math for elementary teaching at a community college. The transferred courses should focus on numbers and operations and geometry and measurement, respectively. NEIU's College of Education requires that Elementary Education majors complete at least 9 semester hours in mathematics for teachers that meet a set of common outcomes adopted by the college. This course focuses on concepts addressed by the outcomes that are not typically covered in depth by most 2-course sequences in mathematics for teaching: algebra, data analysis, statistics, probability, problem-solving and mathematical thinking. Prerequisite: MATH-151 is restricted to students majoring in Early Childhood Education, Elementary Education, Bilingual/Bicultural Education, and TCP. Enrollment by permit only.

MATH-163. Mathematical Modeling With Elementary Functions For Business. 3 Hours.

This course, at the College Algebra level, is designed to provide quantitative understanding and tools for business students. Students work extensively with the most important functions and equations used for applications in their fields: linear, polynomial, rational, exponential, and logarithmic.

Prerequisite: (MATH-092 - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

MATH-164. Modeling With Elementary Functions For Business Seminar. 1 Hour.

Enrichment Seminar accompanying MATH-163. Students engage in problem solving in collaborative learning groups on material derived from and complementing Mathematical Modeling with elementary functions in Business to gain a deeper understanding of concepts and application.

Corequisite: MATH-163.

MATH-165. Finite Mathematics For Business And The Social Sciences. 3 Hours.

Introduction to matrices, linear programming and probability with emphasis on mathematical models in the social, managerial and behavioral sciences and mathematics of finance.

Prerequisite: (MATH-163 - 499 or MATH-163A - 499Z or NEIU Math Placement Result 35 - 40 or ACT Math 25 - 36 or Accuplacer College Level Math 031 - 120).

MATH-167. Business Calculus I. 4 Hours.

Elements of analytic geometry, differential and integral calculus with application to business, economic and finance.

Prerequisite: (MATH-163 - 499 or MATH-163A - 499Z or NEIU Math Placement Result 35 - 40 or ACT Math 25 - 36 or Accuplacer College Level Math 031 - 120).

MATH-173. College Algebra. 4 Hours.

This course emphasizes the concept of a function as a unifying approach to the topics of college algebra. Families of functions studied in the course include: polynomial, rational, exponential and logarithmic functions. Other topics include conic sections, and sequences and series. Applications and problem solving skills are emphasized throughout the course.

Prerequisite: (MATH-092 - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

MATH-174. Math Enrichment Workshop For College Algebra. 1 Hour.

Mathematics enrichment workshop for students currently enrolled in MATH-173. The workshops draw on the Peer Led Team Learning (PLTL) and Emerging Scholars Program (ESP) models, which have been nationally identified for increasing students' probability of earning higher grades in their required mathematics courses. Workshop participants will attend a workshop during the same day and time each week; collaboratively solve problems related to their standard MATH-173 course within small peer groups; receive guidance from math instructors who are specially trained to facilitate the workshops; and participate in social events with workshop peers during the semester.

Corequisite: MATH-173.

MATH-175. Trigonometry. 3 Hours.

For students who intend to continue with Calculus I, this course uses the concept of a function as a unifying approach to the topics of trigonometry.

The course studies trigonometric functions, trigonometric identities and equations, and inverse trigonometric functions. Other topics include: solving triangles, polar coordinates, complex numbers and DeMoivre's theorem; parametric equations, and vectors. Applications and problem solving skills are emphasized throughout the course.

Prerequisite: (MATH-092 - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

MATH-176. Mathematics Enrichment Workshop For Trigonometry. 1 Hour.

Mathematics enrichment workshop for students currently enrolled in MATH-175. The workshops draw on the Peer Led Team Learning (PLTL) and Emerging Scholars Program (ESP) models, which have been nationally identified for increasing students' probability of earning higher grades in their required mathematics courses. Workshop participants will attend a workshop during the same day and time each week; collaboratively solve problems related to their standard MATH-175 course within small peer groups; receive guidance from math instructors who are specially trained to facilitate the workshops; and participate in social events with workshop peers during the semester.

Corequisite: MATH-175.

MATH-177. Elementary Functions In The Sciences/Math. 3 Hours.

This is an application inspired college algebra course which covers linear, quadratic, general polynomial, exponential and logarithmic functions using applications from science and mathematics. Arithmetic and geometric sequences are introduced as difference equations to motivate the study of quantities that change over time. Curve fitting is used to interpret data. A graphing calculator is required.

Prerequisite: (MATH-092 - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

MATH-178. Elementary Functions In The Sciences/Math Seminar. 1 Hour.

Enrichment Seminar accompanying MATH-177. Students do problem solving in collaborative learning groups on material derived from and complementing Mathematical Modeling with Elementary Functions in the Sciences and Mathematics to gain a deeper understanding of concepts and applications. The content of the seminar is closely aligned with the content of MATH-177.

Corequisite: MATH-177.

MATH-185. Precalculus. 4 Hours.

A functional approach to College Algebra and Trigonometry, for students who intend to continue with Calculus I.

Prerequisite: (MATH-173 - 499 or MATH-173A - 499Z or NEIU Math Placement Result 35 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 031 - 120).

MATH-186. Mathematics Enrichment Workshop For Precalculus. 1 Hour.

Enrichment workshop accompanying MATH-185. Students do problem solving in collaborative learning groups on material derived from and supplementing Precalculus to gain a deeper understanding of concepts and applications. Prereq.: Restricted to students taking MATH-185 concurrently.

Corequisite: MATH-185.

MATH-187. Calculus I. 4 Hours.

Introduction to analytic geometry, limits and derivatives, applications, integration, fundamental theorem of calculus.

Prerequisites: (MATH-185 - 499 or MATH-185A - 499Z or NEIU Math Placement Result 40 - 45 or ACT Math 28 - 36 or Accuplacer College Level Math 061 - 120 or (MATH-173 and MATH-175)).

MATH-188. Mathematics Enrichment Workshop for Calculus I. 1 Hour.

Enrichment Seminar accompanying MATH-107. Students do problem solving in collaborative learning groups on material derived from and supplementing Calculus I to gain a deeper understanding of concept and applications.

Corequisite: MATH-187.

MATH-199S. Topics In Probability And Statistics For Middle School Teaching. 4 Hours.**MATH-202. Calculus II. 4 Hours.**

Integration techniques, applications, differential equations and series.

Prerequisite: (MATH-187 or MATH-107 or NEIU Math Placement Result 40 - 45 or Accuplacer College Level Math 061 - 120).

MATH-203. Calculus III. 4 Hours.

3-D analytic geometry, partial derivatives, multiple integrals and vector fields.

Prerequisite: MATH-202 minimum grade of C.

MATH-204. Math Enrichment Workshop For Math 203. 1 Hour.

Mathematics enrichment workshop for students currently enrolled in MATH-203. The workshops draw on the Peer Led Team Learning (PLTL) and Emerging Scholars Program (ESP) models, which have been nationally identified for increasing students' probability of earning higher grades in their required mathematics courses. Workshop participants will attend a workshop during the same day and time each week; collaboratively solve problems related to their standard Math 203 course within small peer groups; receive guidance from math instructors who are specially trained to facilitate the workshops; and participate in social events with workshop peers during the semester.

Corequisite: MATH-203.

MATH-251. Writing Intensive Program: Introduction To Advanced Mathematics. 5 Hours.

A bridge course between calculus and advanced mathematics. Students study the tools and proof techniques that serve as the basis for theoretical mathematics. Mathematical structure and the development of proficiency in reading, analyzing and constructing mathematical proofs are emphasized. Topics include logic, set theory, methods of proof, combinatorics, relations, functions and cardinality.

Prerequisites: (MATH-187 minimum grade of C or MATH-107 minimum grade of C or NEIU Math Placement Result 40) and ENGL-101 minimum grade of C.

MATH-252. Math Enrichment Workshop For Math 251. 1 Hour.

Mathematics enrichment workshop for students currently enrolled in MATH-251. The workshops draw on the Peer Led Team Learning (PLTL) and Emerging Scholars Program (ESP) models, which have been nationally identified for increasing students' probability of earning higher grades in their required mathematics courses. Workshop participants will attend a workshop during the same day and time each week; collaboratively solve problems related to their standard Math 251 course within small peer groups; receive guidance from math instructors who are specially trained to facilitate the workshops; and participate in social events with workshop peers during the semester.

Corequisite: MATH-251.

MATH-253. Linear Algebra I. 3 Hours.

Matrices and systems of linear equations, analytic geometry in n-space, introduction to vector spaces, linear transformations, determinants and eigenvectors.

Prerequisites: (MATH-187 minimum grade of C or MATH-107 minimum grade of C or NEIU Math Placement Result 40) and MATH-251 minimum grade of C.

MATH-262. Mathematics Enrichment Workshop For Calculus II. 1 Hour.

Enrichment Seminar accompanying MATH-202. Students do problem solving in collaborative learning groups on material derived from and supplementing Calculus II to gain a deeper understanding of concepts and applications.

Corequisite: MATH-202.

MATH-273. Statistics With Applications. 4 Hours.

Prerequisite: (MATH-092 - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

MATH-275. Applied And Computational Statistics. 4 Hours.

This course introduces students to the basic concepts, logic, and issues involved in statistical reasoning with wide variety of applications. It is designed to familiarize students to statistical vocabulary and concepts. Major topics include exploratory data analysis, an introduction to research methods, probability, statistical inference, and regression-based analysis of well-defined examples from biology, ecology, environmental sciences, finance, medicine, public health, psychology, and sociology. Computing will be carried out using R or SAS softwares in the course.

Prerequisite: MATH-173 minimum grade of C.

MATH-280. Geometry Concepts For Educators. 4 Hours.

This course focuses on the concepts of plane and solid geometry and trigonometry. It is designed to meet the needs of math teachers in accordance with the NCTM teacher standards, Common Core

Mathematical Practices, Content and ELA Standards in Mathematics and the ISBE mathematics teacher standards. The topics include basic definitions and properties of plane and solid figures, congruence, similarity, constructions, measurements, transformations, Pythagorean Theorem, right angle trigonometry and the unit circle. Problem solving using manipulatives, calculator and computer programs is emphasized throughout. Writing assignments as appropriate are also part of the course. This course is linked with PHYS-108.

Prerequisite: MATH-141 minimum grade of C or MATH-108 minimum grade of C or NEIU Math Placement Result 30 or ACT Math 22 or ACT Math 23 or ACT Math 24 or Accuplacer College Level Math 020 or Accuplacer College Level Math 021 or Accuplacer College Level Math 022 or Accuplacer College Level Math 023 or Accuplacer College Level Math 024 or Accuplacer College Level Math 025 or Accuplacer College Level Math 026 or Accuplacer College Level Math 027 or Accuplacer College Level Math 028 or Accuplacer College Level Math 029 or Accuplacer College Level Math 030.

Corequisite: PHYS-108.

MATH-281. Number Concepts For Educators. 4 Hours.

This course has been designed keeping in mind the NCTM teacher standards, Common Core Mathematical Practices, Content and ELA Standards in Mathematics and the ISBE mathematics teacher standards and the content and pedagogy necessary to prepare teachers to be teachers of math and science. A wide range of topics across number theory and measurement will give the students a grasp of the depth and breadth of mathematics outside the traditional course structures. Problem solving, estimation, measurements and construction of simple theories of numbers will be treated with and without the use of technology. Writing assignments will supplant the assignments typically found in a mathematics course. This course is linked with CHEM-108.

Prerequisite: MATH-141 minimum grade of C or MATH-108 minimum grade of C or NEIU Math Placement Result 30 or ACT Math 22 or ACT Math 23 or ACT Math 24 or Accuplacer College Level Math 020 or Accuplacer College Level Math 021 or Accuplacer College Level Math 022 or Accuplacer College Level Math 023 or Accuplacer College Level Math 024 or Accuplacer College Level Math 025 or Accuplacer College Level Math 026 or Accuplacer College Level Math 027 or Accuplacer College Level Math 028 or Accuplacer College Level Math 029 or Accuplacer College Level Math 030.

Corequisite: CHEM-108.

MATH-301. Ordinary Differential Equations I. 3 Hours.

An introduction to Ordinary Differential Equations and applications. General first order and second order linear equations and numerical methods.

Prerequisite: MATH-203 minimum grade of C.

MATH-302. Ordinary Differential Equations II. 3 Hours.

Linear and nonlinear systems, matrix methods and applications to problems in the sciences. Existence and stability theory. Boundary value problems and Fourier series.

Prerequisite: MATH-301 minimum grade of C.

MATH-303. Partial Differential Equations. 3 Hours.

Introduction to partial differential equations and methods of finding solutions.

Prerequisite: MATH-301 minimum grade of C.

MATH-304. Introduction To Numerical Analysis. 3 Hours.

Solutions of equations of one variable, interpolation and polynomial approximation, numerical integration and methods of solutions of linear systems.

Prerequisites: MATH-203 minimum grade of C and MATH-253 minimum grade of C and MATH-340 minimum grade of C.

MATH-305. Probability And Statistics. 3 Hours.

Fundamentals and axioms; probability spaces; combinatorial probability; conditional probability; random variables; binomial, Poisson, uniform, normal, chi-square, Student's t-distribution; central limit theorem; Statistical Data Analysis: descriptive statistics, point and interval estimation, elements of hypothesis testing, small vs. large samples.

Prerequisites: MATH-187 minimum grade of C and MATH-251 minimum grade of C.

MATH-306. Linear Programming And Extensions. 3 Hours.

Linear programming models; geometric and algebraic foundations of the simplex algorithm; duality theory; the revised and dual algorithms; sensitivity analysis; integer programming.

Prerequisites: MATH-203 minimum grade of C and MATH-253 minimum grade of C.

MATH-307. Probability Models For Operations Research. 3 Hours.

This course focuses on basic mathematical aspects of stochastic models with the emphasis on problem solving. Topics include Markov processes, Markov chains, and Queuing Theory.

Prerequisite: MATH-305 minimum grade of C or MATH-334 minimum grade of C.

MATH-309. Numerical Analysis II. 3 Hours.

Iterative methods for linear and non-linear systems of equations, approximation of eigenvalues, initial value problems, ordinary and partial boundary value problems and approximation theory.

Prerequisite: MATH-304 minimum grade of C.

MATH-312. Foundations Of Geometry. 3 Hours.

This course is a rigorous study of Euclidean and non-Euclidean geometries. Topics include transformational and projective geometry, axiomatic systems, and models.

Prerequisites: MATH-253 minimum grade of C and MATH-251 minimum grade of C.

MATH-321. History Of Mathematics. 3 Hours.

Chronological survey of the growth of mathematical ideas, and of famous mathematicians and their contribution to the development of modern mathematics.

Prerequisites: MATH-253 minimum grade of C and MATH-251 minimum grade of C.

MATH-322. Number Theory. 3 Hours.

Properties of rational integers, congruences, quadratic residues and Diophantine equations.

Prerequisites: MATH-251 minimum grade of C and MATH-253 minimum grade of C.

MATH-324. Independent Study In Mathematics. 3 Hours.

Individual investigation into a topic of interest of the student's choice.

MATH-326. Real Analysis. 3 Hours.

An introduction to the methods of classical analysis as applied to the formulation of the theory of Riemann integrable functions and to the theoretical examination of the behavior of sequences and series of functions of a real variable.

Prerequisite: MATH-338 minimum grade of C.

MATH-328. Complex Variables. 3 Hours.

Introduction to the functions of a complex variable: Cauchy-reimann equations, Cauchy integral theorems and series expansions.

Prerequisites: MATH-338 minimum grade of C and MATH-339 minimum grade of C.

MATH-331. Abstract Algebra I. 3 Hours.

This course is an introduction to the mathematical theory of groups. Topics include: properties of groups, homomorphisms, isomorphisms, Lagrange's Theorem and factor groups. Students will build on their basic knowledge of number systems, linear algebra, set theory, functions and mathematical proofs in order to understand, construct and apply algebraic proofs; illustrate algebraic concepts or disprove false statements by providing examples; and calculate with algebraic objects. Applications of algebra and connections between algebra and other fields of mathematical study are emphasized.

Prerequisites: MATH-251 minimum grade of C and MATH-253 minimum grade of C.

MATH-332. Abstract Algebra II. 3 Hours.

This course is a continuation of Math 331 with a focus on the mathematical theory of rings and fields. Topics include: ideals, factor rings, finite fields, field extensions, and selected applications. Students will build on their prior knowledge of algebraic systems and algebraic proofs in order to understand, construct, and apply proofs about rings and fields; illustrate ring- and field- theoretic concepts or disprove false statements by providing examples; and calculate with algebraic objects. Applications of algebra and connections between algebra and other fields of mathematical study are emphasized.

Prerequisite: MATH-331 minimum grade of C.

MATH-334. Mathematical Statistics I. 3 Hours.

Fundamentals of probability, expectations, moment generating functions, distributions: (binomial, hypergeometric, geometric, negative binomial, Poisson, uniform, gamma, exponential, chisquare, normal, beta, student-t, F), central limit theorem, convergence in distribution.

Prerequisite: MATH-203 minimum grade of C.

MATH-336. Mathematical Statistics II. 3 Hours.

Study of estimation procedures including point and interval estimation tests of hypothesis, general procedures for developing tests.

Prerequisite: MATH-334 minimum grade of C.

MATH-337. Theory Of Equations. 3 Hours.

Study of algebraic equations, existence and properties of solutions; algebraic methods of solution; numerical and algorithmic methods of solution.

Prerequisites: MATH-202 minimum grade of C and MATH-251 minimum grade of C.

MATH-338. Introduction To Real Analysis. 3 Hours.

This course is an introductory course in the theory of functions of a real variable. It develops the properties of the real numbers as a complete ordered field and introduces the topological concepts of neighborhoods, open sets, closed sets, and compact sets. Based on this, the course provides a rigorous treatment of: a) sequences of real numbers (convergence, boundedness, upper and lower limits); b) real functions of a single variable including continuity, uniform continuity (optional), differentiability, integrability, and related properties; c) series of real numbers (convergence and absolute convergence); d) introduction to function series (power series).

Prerequisites: MATH-203 minimum grade of C and MATH-251 minimum grade of C.

MATH-339. Vector Calculus. 3 Hours.

This course is a natural extension of differential and integral calculus, where the variables and values of functions are vectors instead of numbers. Such concepts as limits and continuity, derivatives and integrals, extrema and approximation are generalized for multi-dimensional Euclidean spaces. The course also introduces vector fields, line and surface integrals as well as fundamental theorems based on these concepts.

Prerequisites: MATH-203 minimum grade of C and MATH-253 minimum grade of C.

MATH-340. Computing For Mathematicians. 4 Hours.

Fundamentals of computer programming, experimentation, and simulation in mathematics with Maple and Fortran programming language. Introduction to documentation, electronic communication and problem solving in mathematical sciences. No prior computer skills required.

Prerequisite: MATH-202 minimum grade of C.

MATH-343. Linear Algebra II. 3 Hours.

A continuation of MATH-243 with emphasis on computational methods and application, LU, QR and SVD Factorizations.

Prerequisites: MATH-203 minimum grade of C and MATH-253 minimum grade of C.

MATH-361. Set Theory. 3 Hours.**MATH-362. Metric Spaces And Topology. 3 Hours.****MATH-365. Statistical Computer And Data Analysis Packages. 3 Hours.**

Study of topics from current statistical packages such as SAS, SPSS, BMDP and MINITAB.

Prerequisites: MATH-334 minimum grade of C and MATH-340 minimum grade of C.

MATH-370. Mathematical Modeling In The Natural Sciences. 4 Hours.

This course focuses on the formulation, analysis, and interpretation of mathematical models describing certain phenomena in the natural sciences. Topics include: difference equations, systems of difference equations, nonlinear difference equations, continuous models, phase planes – stability analysis, and limit cycles.

Prerequisite: MATH-202 minimum grade of D.

MATH-374. Modeling And Simulations Of Complex Systems Networks. 4 Hours.

This course covers basic mathematical and statistical methods for analyzing computational spatial models in various applications, focusing on individual attributes (social influence or contagion) and network structure of groups. The course will incorporate simple graph theoretical approaches as well as construction and analysis of network-based models (NBM) and agent-based models (ABM) with complex systems applications from epidemiology, finance/business, medicine, psychology, and social sciences. The NBM involves the characterization of the structures of social networks or subsets of these networks to understand their influence on behaviors and outcomes. The ABM involves the use of stochastic analysis and simulations of individuals, in space, over time to understand how macro-level distribution patterns of outcomes may emerge from explicitly modeled, micro-level behaviors, social interactions, and movement of these individuals in their environments. Students will interpret published research and produce a research proposal by the end of the semester.

Prerequisites: MATH-202 minimum grade of C and (MATH-275 minimum grade of C or MATH-273 minimum grade of C).

MATH-380. Calculus Concepts For Educators. 4 Hours.

Course is designed keeping in mind the NCTM teacher standards, Common Core Mathematical Practices, Content and ELA Standards in Mathematics and the ISBE mathematics teacher standards and the understanding that many of the students are preparing to be mathematics teachers. Course emphasis is on developmentally responsive conceptual knowledge, content specific knowledge and pedagogical knowledge. Course will focus on real applications including applications to study of ecology and change and on process not procedures. Topics are consistent with a standard calculus course and include: analytical geometry, limits and derivatives, differential equations, polynomials, applications, integration, series, fundamental theorem of calculus. This course is integrated with NEIU BIO-299.

MATH-381. Concepts In Discrete Mathematics For Educators. 3 Hours.

Designed especially for teachers, this course provides a foundational experience in discrete mathematics through an emphasis on topics in graph theory. Students will learn about mathematics as an active process of making conjectures, testing ideas, and proving conclusions. Special emphasis is given to mathematical communication, problem-solving, and applications to the sciences. Topics include: the Four Color Theorem, trees, digraphs, bipartite graphs, planar graphs, Platonic solids, Euler and Hamilton circuits, the P+NP Problem, algorithms and combinatorial explosion. Students will first learn the mathematics and then explore how it connects to developmentally responsive school curriculum.

Prerequisite: MATH-380 minimum grade of C or MATH-199X minimum grade of C.

MATH-406. Linear Programming: Theory And Practice. 3 Hours.

Optimization models; theoretical foundations of simplex algorithms and duality; revised and dual algorithms; sensitivity and analysis; additional topics from extended LP interger programming, networks, recent trends.

MATH-408. Mathematics Structures For Elementary School Teachers I. 3 Hours.

Mathematics topics and techniques that are relevant to advanced mathematics learning and the teaching of mathematics in the schools: Elementary logic, elementary sets, binary operations, introduction to algebraic structures, number systems, geometry and elements of graph theory.

MATH-409. Mathematical Functions For Elementary School Teachers I. 3 Hours.

For elementary school teachers. The function concept; polynomial functions; solution of linear and quadratic equations; simultaneous equations; the binomial theorem; circular functions; solution of triangles; trigonometric identities and equations; exponential and logarithmic functions; rectangular and polar coordinate systems; the conic sections. Graphics calculator required.

Prerequisite: MATH-408 minimum grade of C.

MATH-410. Modern Analysis For The Elementary School Teacher. 3 Hours.

Limits and continuity, derivatives, applications, integral calculus, applications.

Prerequisite: MATH-435 minimum grade of C.

MATH-421. Modern Geometry. 3 Hours.

Classification of geometrical systems; introduction to Euclidean and non-Euclidean geometries, projective geometry; finite geometries.

Prerequisite: MATH-312 minimum grade of C.

MATH-430. Discrete Mathematical Structures. 3 Hours.

Provides a working knowledge of mathematical logic, sets, relations, functions, graphs, and counting techniques.

MATH-435. Mathematics Structure II. 3 Hours.

The real number system, mathematical systems, inductive and deductive methods, permutations and combinations.

Prerequisite: MATH-408 minimum grade of C.

MATH-436. Modern Algebra. 3 Hours.

Prerequisite: MATH-331 minimum grade of C.

MATH-439. Computers In Education. 3 Hours.

Investigation into the use of computers for CAI, statistical packages and solutions of mathematical problems. Students learn to write programs in Basic.

Prerequisite: MATH-438 minimum grade of C.

MATH-441. Multivariate Statistical Analysis. 3 Hours.

The essential methods of the multivariate statistical analysis; Hotteling's T, discriminant function, principal components, factor analysis, canonical correlations and cluster analysis with emphasis on application and real data analysis.

Prerequisite: MATH-336 minimum grade of C.

MATH-442. Applied Regression Analysis. 3 Hours.

Methodology of regression analysis with attention to model building, evaluating fit, and examining reliability of the model; regression and general least squares theory, estimation of regression coefficients, polynomial regression, step-wise regression, residual analysis, choice of transformation for variable and forecasting; with applications and real data analysis.

Prerequisite: MATH-336 minimum grade of C.

MATH-443. Experimental Design. 3 Hours.

One-way and two-way analysis of variance, fixed and random effects models, multiple comparisons, completely randomized and randomized block designs.

Prerequisite: MATH-336 minimum grade of C.

MATH-457. Recent Trends In Mathematics. 3 Hours.

Extended applications of mathematical thinking, operations research, mathematical models, information theory, theory of games, and linear programming.

Prerequisite: MATH-435 minimum grade of C.

MATH-465. Advanced Topics In Numerical Analysis. 3 Hours.

This course aims to teach participants advanced theories, algorithms and computational techniques of numerical analysis. Topics include numerical linear algebra, iteration methods and convex programming, numerical methods for ordinary and partial differential equations, functional approximation and data analysis, digital spectral analysis, design and analysis of mathematical software, and mathematical methods in computer graphics. Participants will become familiar with the process of solving scientific and engineering problems by applying/modifying numerical algorithms that are implemented in standard software packages, designing new algorithms, conducting analysis on accuracy, efficiency and stability, as well as interpreting computational results through graphics and simulations.

Prerequisite: MATH-304 minimum grade of C.

MATH-466. Galois Theory: Historical And Modern. 3 Hours.

Classical and modern Galois theory. Cardano's formulas, symmetric polynomials, permutation groups, field extensions, field automorphisms, the fundamental theorem of Galois theory.

Prerequisite: MATH-331 minimum grade of C.

MATH-471. Introduction To Stochastic Models. 3 Hours.

Markov Chains: the Poisson process; continuous time Markov processes; Renewal Theory; Queuing Theory.

Prerequisite: MATH-305 minimum grade of C.

MATH-472. Simulation Modeling And Analysis. 3 Hours.

Design and analysis of computer simulations of complex systems. Network, discrete event and continuous models are treated in a unifying setting. Computer model of a variety of systems are implemented and analyzed using a general purpose simulation language.

Prerequisite: MATH-334 minimum grade of C.

MATH-473D. Advanced Topics In Operations Research: Decision Theory. 3 Hours.**MATH-474. Mathematical Modeling. 3 Hours.**

Formulation, analysis and interpretation of mathematical models describing phenomena from the natural and social sciences. Topics may include: model construction, explicative versus predictive models, model fitting, optimization, empirical models, simulation models, dynamical models, dimensional analysis and other related topics. A term project (team or individual) will be required.

MATH-475. Advanced Topics In Operations Research: Mathematical Programming. 3 Hours.

This course offers an overview of deterministic optimization models and methods including linear programming methods, multi-objective optimization, methods of discrete optimization, and nonlinear programming methods.

Prerequisites: MATH-253 minimum grade of C and MATH-339 minimum grade of C.

MATH-491. Independent Study In Mathematics. 1 Hour.

Individual investigation into a topic of interest of the student's choice.

MATH-492. Independent Study In Mathematics. 2 Hours.

(See MATH-491 for descriptions.).

MATH-493. Independent Study In Mathematics. 3 Hours.

(See MATH-491 for descriptions.).

MATH-495. Project In Mathematics. 3 Hours.

Students prepare a project involving both the theory and computational tools learned in their concentration. Students present both written and oral reports to the department.

MATH-5901. Thesis Hours. 1 Hour.

Guidance of students conducting research and writing a thesis to fulfill requirements for the Master of Science degree in Mathematics is conducted in this course. Students may register for 1-4 credits per term with 6 credits required for the thesis option of the Master of Science in Mathematics. All MATH-590 credits must be earned within the equivalent of 2 academic years.

MATH-5902. Thesis Hours. 2 Hours.

See course description for MATH-5901.

MATH-5903. Thesis Hours. 3 Hours.

See course description for MATH-5901.

Elementary Education and Humanities Mathematics Minor

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Elementary Education and Humanities Mathematics Minor

Required Courses:

MATH-187	Calculus I	4
MATH-202	Calculus II	4
MATH-251	Writing Intensive Program: Introduction To Advanced Mathematics	5
MATH-253	Linear Algebra I	3
MATH-305	Probability And Statistics	3
Select two Elective courses from the approved list of courses/check with advisor		6
Total Hours		25

Elective Courses

MATH-312	Foundations Of Geometry	3
MATH-321	History Of Mathematics	3
MATH-322	Number Theory	3
MATH-337	Theory Of Equations	3

At least three classes in the minor must be taken at NEIU. For a complete description of the degree program in Elementary Education, see the Elementary Education section of this catalog.

Major in Mathematics

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Mathematics for the Bachelor of Arts Degree

Required Core Courses

MATH-187	Calculus I	4
MATH-202	Calculus II	4
MATH-203	Calculus III	4
MATH-251	Writing Intensive Program: Introduction To Advanced Mathematics	5
MATH-253	Linear Algebra I	3
MATH-340	Computing For Mathematicians	4
Additional courses in mathematics concentrations (Applied & Secondary Mathematics) chosen in consultation with the appropriate departmental advisor		21
Total Hours		45

Students wishing to be certified to teach mathematics in secondary schools should consult the Secondary Education section of this catalog.

The Department of Mathematics offers concentrations in the areas of applied mathematics and secondary teaching. For complete details contact the Department of Mathematics (BBH-214C) for a copy of the Handbook for Majors or visit the department website (<http://www.neiu.edu/academics/college-of-arts-and-sciences/departments/mathematics>) .

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
MATH-173	College Algebra	4
General Education/Elective		3
General Education/Elective		3
General Education/Elective		3
General Education/Elective		3
Term Hours		16

Term 2		Hours
MATH-175	Trigonometry	3
General Education/Elective		3
General Education/Elective		3
General Education/Elective		3
General Education/Elective		3
Term Hours		15

Second Year

Term 1		Hours
MATH-187	Calculus I	4
ENGL-101	Writing I	3
General Education/Elective		3
General Education/Elective		3
General Education/Elective		3
Term Hours		16

Term 2		Hours
MATH-202	Calculus II	4
MATH-251	Writing Intensive Program: Introduction To Advanced Mathematics	5
General Education/Elective		3
General Education/Elective		3
General Education/Elective		3
Term Hours		18

Third Year

Term 1		Hours
MATH-203	Calculus III	4
MATH-253	Linear Algebra I	3
General Education/Elective		3
General Education/Elective		3
General Education/Elective		3
Term Hours		16

Term 2		Hours
MATH-340	Computing For Mathematicians	4
300-Level MATH Course		3
General Education/Elective		3
General Education/Elective		3
General Education/Elective		3
Term Hours		16

Fourth Year

Term 1		Hours
MATH-334	Mathematical Statistics I	3
MATH-339	Vector Calculus	3
300-Level MATH Elective		3
General Education/Elective		3
General Education/Elective		3
Term Hours		15

Term 2		Hours
MATH-336	Mathematical Statistics II	3
300-Level MATH Elective		3

300-Level MATH Elective	3
General Education/Elective	3
General Education/Elective	3
<hr/>	
Term Hours	15
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Total Hours:	127

Master of Arts in Pedagogical Content Knowledge for Teaching Elementary and Middle School Mathematics

The Department of Mathematics offers a Master of Arts (MA) degree in Pedagogical Content Knowledge for Teaching Elementary and Middle School Mathematics. This program is designed for teachers who wish to improve their level of competence in mathematics or wish to serve as Elementary or Middle School Mathematics Specialists, Coordinators of Elementary or Middle School Mathematics Programs, or Teachers of Elementary or Middle School Mathematics.

The MA program is mathematics-content oriented with a focus on content-specific pedagogy, mathematics teaching in diverse settings, and current Illinois educator and student standards. Students study elementary and middle school mathematics content from an advanced perspective, exploring the underlying concepts with the goal of improving their teaching of elementary and middle school mathematics. Successful completion of the program leads to a middle school mathematics endorsement. To complete the degree, students must complete 30 hours of coursework at the 400-level, a portfolio and exit exam. Students may complete the program in two years by enrolling in two courses during each of the Fall and Spring semesters and two courses in the intervening Summer. Admission preference will be given to applicants with teaching experience. Students interested in 9-12 mathematics endorsement should contact the program advisor for more information.

Requirements for Admission to the MA Program are:

1. Students must fulfill the requirements for admission to the College of Graduate Studies & Research.
2. Students must hold a current Illinois teaching license for teaching elementary or middle school.
3. Students must have successfully completed 6 or more credit hours of college mathematics content courses.
4. Application must include an essay (not to exceed 1000 words) describing a successful or unsuccessful elementary or middle grades mathematics lesson taught by the applicant. Essays must address mathematics content, teaching and learning.

Exit Requirements:

1. One semester prior to their anticipated graduation date, candidates should make an exit evaluation meeting with their program advisor to discuss upcoming exit requirement deadlines.
2. Upon completing MTHE-496, candidates should submit their portfolios for evaluation.
3. One semester prior to their anticipated graduation date, candidates should submit a copy of their results on either the Praxis® Middle School Mathematics Exam (5169) or the Illinois Subject Matter Test in Mathematics.

Requirements for the Degree:

All courses are required. Note: the MATH prefix has changed to **MTHE** to avoid confusion with courses in the MS in Mathematics program. Students must have completed at least 24 program hours by the time they complete MTHE-496. Course sequence must be chosen in consultation with the MA advisor. All courses are 3 credit hours.

Required Courses

MTHE-401	Number And Operations For Elementary And Middle School Teachers	3
MTHE-402	Patterns, Functions, And Algebra For Elementary And Middle School Teachers	3
MTHE-403	Geometry And Measurement For Elementary And Middle School Teachers	3
MTHE-404	History Of Mathematics For Elementary And Middle School Teachers	3
MTHE-438	Data Analysis, Probability, And Statistics For Elementary And Middle School Teachers	3
MTHE-439	Technology For K-8 Math Teachers	3
MTHE-450	Equitable Mathematics Teaching For Elementary And Middle School Teachers	3
MTHE-451	Research Trends In Elementary And Middle School Mathematics Education	3
MTHE-496	Graduate Seminar For Elementary & Middle School Mathematics Teachers	3
ELED-403	Methods Of Teaching Mathematics In Elementary And Middle Schools	3
Total Hours		30

Master of Science in Mathematics

The M.S. program in Mathematics is designed to provide the mathematical background needed to pursue careers in applied mathematics, statistics, industry, and teaching. Students in the program have the option to concentrate in Applied Mathematics or Secondary Education. Applicants for the program must choose their concentration area when they submit their application for admission to the College of Graduate Studies and Research.

Each concentration includes the completion of 30 credit hours of approved coursework for the degree program and passing the M.S. Qualifying Examination.

M.S. Mathematics: Secondary Education Concentration. Overview

The Master of Science in Mathematics (Secondary Education Concentration) prepares students to successfully teach mathematics at High School level. It is designed for teachers who wish to improve their level of competence in mathematics or wish to serve as High School Mathematics Specialists, or wish to teach mathematics at the High School level.

The program is for people who (1) are currently teaching mathematics in the High schools, or (2) plan to teach mathematics in the High schools, or (3) wish to switch careers and would like to obtain the M.S Degree in mathematics and also earn credits toward fulfilling the requirements for a High School Teaching Licensure.

Admission to the M.S in Mathematics (Secondary Education Concentration)

1. Applicants must fulfill the requirements for admission to the College of Graduate Studies and Research. (i.e., have a B.A. / B.S. degree).
2. Applicants must have successfully completed 18 or more credit hours of College level Mathematics content courses that include Multivariable Calculus, Linear Algebra, and Discrete mathematics. Equivalent courses completed in other subject areas such as physics, engineering, business, computer sciences etc. may apply.

GRE: Not required

M.S. Mathematics: Applied Mathematics Concentration. Overview

The Master of Science in Mathematics (Applied Mathematics Concentration) is designed for those with a strong undergraduate background in mathematics who wish to better prepare themselves for careers that include statistics, applied mathematics, or who intend to pursue a Ph.D. degree at another institute. The program is designed so that the student can concentrate in an area of Applied Mathematics, Statistics, or Operation Research.

Admission to the M.S in Mathematics (Applied Mathematics Concentration)

1. Applicants must fulfill the requirements for admission to the College of Graduate Studies and Research. (i.e., have a B.A. / B.S. degree).
2. Applicants must have successfully completed at least six courses (i.e., 18 or more credit hours of College level Mathematics content courses) above Multivariable Calculus preferably including two of the following or their equivalent: Ordinary Differential Equations, Introduction to Numerical Analysis, Probability and Statistics, and Advanced Calculus.
3. Applicants are expected to be familiar with at least one mathematical or statistical computer package such as R, Maple, Minitab, Matlab, Mathematica, SPSS, SAS, etc.

GRE: Not required

M.S. Mathematics: Secondary Education Concentration.

Program of Study

The program consists of 10 courses (30 credit hours) to be chosen in consultation with the advisor. At least seven of the courses must be at the 400 level. With the approval of the Department of Mathematics, the program accepts transfer credits in accordance with university-wide graduate policy. The National Council of Teachers of Mathematics (NCTM), the National Council for Accreditation of Teacher Education (NCATE) and the Mathematical Association of America (MAA) recommend that teachers of secondary school mathematics be knowledgeable in the contents of Probability and Statistics, Geometry, History of Mathematics and Foundations of Algebra.

Graduate Program Policies

The policies for the College of Graduate Studies and Research are found here (<http://catalog.neiu.edu/archive/2016-2017/graduate-studies-research/graduate-policies>) .

Core Courses

Five course from the following list

MATH-430

Discrete Mathematical Structures

MATH-421	Modern Geometry
MATH 444 - Problem Solving, Modeling & Projects with Technology	
SCED-401M	New Directions In Teaching Mathematics In The Junior And Senior High School
MATH-474	Mathematical Modeling
MATH-495	Project In Mathematics
Electives - choose one of two options	
15	
Option 1 - (five courses from the following list)	
MATH-472	Simulation Modeling And Analysis
MATH-466	Galois Theory: Historical And Modern
MATH-305	Probability And Statistics
MATH-312	Foundations Of Geometry
MATH-331	Abstract Algebra I
MATH-321	History Of Mathematics
MATH-322	Number Theory
MATH-328	Complex Variables
MATH-332	Abstract Algebra II
MATH-337	Theory Of Equations
MATH-338	Introduction To Real Analysis
MATH-343	Linear Algebra II
SCED-409	Teaching Mathematical Problem Solving In The Secondary Schools
SCED-410	Computers In The Teaching Of Secondary School Mathematics
SCED-408	The Nature Of Mathematical Abilities In School Children
Option 2 - Up to 6 credit hours of courses from the following list and up to 9 credit hours of 400 level courses taken for teacher licensure	
MATH-472	Simulation Modeling And Analysis
MATH-466	Galois Theory: Historical And Modern
MATH-305	Probability And Statistics
MATH-312	Foundations Of Geometry
MATH-331	Abstract Algebra I
MATH-321	History Of Mathematics
MATH-322	Number Theory
MATH-328	Complex Variables
MATH-332	Abstract Algebra II
MATH-337	Theory Of Equations
MATH-338	Introduction To Real Analysis
MATH-343	Linear Algebra II
SCED-409	Teaching Mathematical Problem Solving In The Secondary Schools
SCED-410	Computers In The Teaching Of Secondary School Mathematics
SCED-408	The Nature Of Mathematical Abilities In School Children
Total Hours	
30	

Culminating/Capstone Experience Assessment

Students fulfill their culminating experience requirement for the program through demonstration of their abilities in solving problems (i.e., passing the Qualifying examination) and completing a project.

Students must complete:

1. Qualifying Examination for the M.S in Mathematics

Pass a written comprehensive examination that covers topics in the areas of Linear Algebra, Probability and Statistics, Elementary Analysis, and Mathematics Structures.

2. Project for the M.S in Mathematics (Secondary Education Concentration)

Complete a written project under the supervision of a faculty member while enrolled in Mathematics 495 [Project in Mathematics], or complete a 400 level Mathematics course with a project component, approved by the advisor. The students who enroll in Mathematics 495 must present an oral report to a committee consisting of at least three faculty members.

M.S. Mathematics: Applied Mathematics Concentration.

Program of Study

The program consists of 10 courses (30 credit hours) to be chosen in consultation with the advisor. At least seven of the courses must be at the 400 level. With the approval of the Department of Mathematics, the program accepts transfer credits in accordance with university-wide graduate policy.

Graduate Program Policies

The policies for the College of Graduate Studies and Research are found here (<http://catalog.neiu.edu/archive/2016-2017/graduate-studies-research/graduate-policies>) .

Core Courses (choose one of two options):

Project Option		6
MATH-430	Discrete Mathematical Structures	
MATH-495	Project In Mathematics	
Thesis Option		9
MATH-430	Discrete Mathematical Structures	
MATH 590 - Thesis		
Electives - (21 cr if doing a thesis)		24
MATH-406	Linear Programming: Theory And Practice	
MATH-421	Modern Geometry	
MATH-441	Multivariate Statistical Analysis	
MATH-442	Applied Regression Analysis	
MATH-443	Experimental Design	
MATH-466	Galois Theory: Historical And Modern	
MATH-471	Introduction To Stochastic Models	
MATH-472	Simulation Modeling And Analysis	
MATH-473D	Advanced Topics In Operations Research: Decision Theory	
MATH-474	Mathematical Modeling	
MATH-475	Advanced Topics In Operations Research: Mathematical Programming	
MATH-302	Ordinary Differential Equations II	
MATH-303	Partial Differential Equations	
MATH-309	Numerical Analysis II	
MATH-328	Complex Variables	
MATH-334	Mathematical Statistics I	
MATH-336	Mathematical Statistics II	
MATH-338	Introduction To Real Analysis	
MATH-343	Linear Algebra II	
MATH-365	Statistical Computer And Data Analysis Packages	
Total hours		30

Culminating/Capstone Experience Assessment

Students fulfill their culminating experience requirement for the program through demonstration of their abilities in solving problems (i.e., passing the Qualifying examination) and completing a project or thesis.

1. Qualifying Examination for the M.S in Mathematics

All students must pass a written comprehensive examination that covers topics in the areas of Linear Algebra, Probability and Statistics, Elementary Analysis, and Mathematics Structures. If a student has passed the first three actuary exams for the SOA or CAS, then they must show proof to the advisor and will be exempted from the Qualifying examination.

2. Project/Thesis for the M.S in Mathematics (Applied Mathematics Concentration)

Complete a written project or thesis under the supervision of a faculty member while enrolled in Mathematics 495 [Project in Mathematics] or MATH 590 [Thesis]. The student must present an oral report to a committee consisting of at least three faculty members.

In order to register for the project course MATH 495 or the thesis course MATH 590, students must submit a signed topic approval form with an abstract of the proposed research project. Students may register for 1-4 credits per term with 6 credits required for the thesis and 3 credits required for the project. All MATH 590 credits must be earned within the equivalent of 2 academic years.

Minor in Applied Mathematics

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Applied Mathematics (26 cr. hrs.)

Required Courses

MATH-187	Calculus I	4
MATH-202	Calculus II	4
MATH-203	Calculus III	4
MATH-251	Writing Intensive Program: Introduction To Advanced Mathematics	5
MATH-253	Linear Algebra I	3
Select two Elective courses from the approved list of courses/check with advisor		6
Total Hours		26

Elective courses:

MATH-301	Ordinary Differential Equations I	3
MATH-302	Ordinary Differential Equations II	3
MATH-303	Partial Differential Equations	3
MATH-304	Introduction To Numerical Analysis	3
MATH-305	Probability And Statistics	3
MATH-306	Linear Programming And Extensions	3
MATH-307	Probability Models For Operations Research	3

MATH-334	Mathematical Statistics I	3
MATH-336	Mathematical Statistics II	3
MATH-338	Introduction To Real Analysis	3
MATH-339	Vector Calculus	3
MATH-340	Computing For Mathematicians	4
MATH-343	Linear Algebra II	3
MATH-365	Statistical Computer And Data Analysis Packages	3

At least three classes in the minor must be taken at NEIU. Handbooks on all math minor programs are available from the Department of Mathematics.

Mathematical & Statistical Modeling of Complex Systems Minor

Mathematical and Statistical Modeling of Complex Systems Minor

This minor focuses on training students in current quantitative modeling techniques for understanding complex systems. Complex Systems is a field at the intersection of social, behavioral, and biomedical sciences studying how different parts of a system and its environment interact and give rise to the collective dynamics of the system. This minor program is designed to prepare students for careers, which apply quantitative methodology to government organization, industries and research involving complex behavior and biomedical fields. The courses required in the minor are interdisciplinary crossing mathematics with public health, biology, chemistry, psychology and sociology.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Mathematical and Statistical Modeling of Complex Systems Minor

The program requires students to take 6 courses totaling 22-24 credit hours.

Required core courses

MATH-187	Calculus I	4
MATH-202	Calculus II	4
MATH-275 or MATH-334	Applied And Computational Statistics (minor advisor consultation required, MATH-334 is 3 crs.) Mathematical Statistics I	4
MATH-370	Mathematical Modeling In The Natural Sciences	4

MATH-374	Modeling And Simulations Of Complex Systems Networks (or other modeling course recommended by the advisor)	4
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Electives: At least one course from the following list:

MATH-302	Ordinary Differential Equations II	
MATH-303	Partial Differential Equations	
MATH-304	Introduction To Numerical Analysis	
MATH-307	Probability Models For Operations Research	
MATH-324	Independent Study In Mathematics (minor advisor consultation required)	
MATH-336	Mathematical Statistics II (only if not taken under Group A)	
MATH-340	Computing For Mathematicians (or other 300-level course approved by the advisor)	

Total Hours: 22-24

Mathematics Development

Freshman students are initially placed into mathematics courses by their MATH ACT scores, or the results of the NEIU Mathematics Placement Test, or by an appropriate score on the Advanced Placement Test in Calculus. Course work indicated by these standards is required.

Transfer students with a grade of "C" or higher from another college or university in a developmental course in "Intermediate Algebra" should contact the Mathematics Department as to whether this course would be recognized as a prerequisite for a college mathematics course at Northeastern.

Steve Ranney, M.S., Coordinator

Lidia Filus, Ph.D., Professor, Chair

MATH-090. Elementary Algebra. 3 Hours.

This course develops the foundations of algebra, beginning with the real number system and its operations. Topics include: variable expressions, linear equations, exponents and polynomials, applications of proportion, percent, and the use of formulas to develop problem solving skills. Freshman students are initially placed into mathematics courses by their MATH ACT scores, their NEIU Mathematics Placement Test scores, or by an appropriate score on the Advanced Placement Test in Calculus. (This course does not count toward graduation or GPA.).

Prerequisite: NEIU Math Placement Result 00 - 40 (or ACT Math 01 - 36 or Accuplacer Elementary Algebra 020 - 040).

MATH-091. Intermediate Algebra I. 3 Hours.

This course develops the foundations of algebra, beginning with the real number system and its operations. Topics include: variable expressions, linear equations and systems of equations, exponents, polynomials, factoring trinomials, and solving equations by factoring. Freshman students are initially placed into mathematics courses by their MATH ACT scores, their NEIU Mathematics Placement Test scores, or by an appropriate score on the Advanced Placement Test in Calculus. (This course does not count toward graduation or GPA.).

Prerequisite: (MATH-090 or NEIU Math Placement Result 01 - 45 or ACT Math 17 - 18 or Accuplacer Elementary Algebra 041 - 059).

MATH-092. Intermediate Algebra II. 3 Hours.

This course further develops the concepts and structures of intermediate algebra. A review of linear equations, polynomials, and factoring, prepares students for the study of linear, quadratic, exponential, and logarithmic equations and functions. Additional topics to prepare students for college algebra include: rational expressions and equations, complex numbers, rational exponents, graphing and applications of quadratic functions, and properties of logarithms. Freshman students are initially placed into mathematics courses by MATH ACT scores, NEIU Mathematics Placement Test scores, or by an appropriate score on the Advanced Placement Test in Calculus. (This course does not count toward graduation or GPA.).

Prerequisite: (MATH-091 - 499 or MATH-091A - 499Z or NEIU Math Placement Result 02 - 45 or ACT Math 19 - 36 or Accuplacer Elementary Algebra 060 - 084 or Accuplacer College Level Math 020 - 120).

Music

The Department of Music at Northeastern Illinois University is committed to providing students with a solid foundation in music and dance that fosters quality, creativity, and access to opportunity. Our guiding principle is to provide a variety of experiences and programs which promote professionalism, human enrichment, and diverse cultural perspectives.

The Department of Music offers courses leading to the degrees of Bachelor of Music, Master of Arts, and to Teacher Licensure

Undergraduate programs are available in:

- Performance
- K-12 Music Education: Vocal or Instrumental

Graduate program:

- Applied Music Pedagogy

Minors are available in:

- Individualized Music Minor
- Music Education for Elementary Ed. majors
- Individualized Dance Minor

Teacher Licensure Program

(See College of Education)

Undergraduate Admission

The music major curriculum is designed to begin the first term of the freshman year. Students intending to major in music should contact the department to arrange an interview/ audition for admission to the program. Accepted students should declare their major in music in the first term of enrollment at the University. Students applying to the major must have a background which includes music reading ability and performance ability at the college level. Those without such a background will need to complete additional preparation for acceptance as a major which will extend the time to graduation.

Transfer students

Transfer students should request a departmental evaluation of transferred credits for acceptance toward the major or minor requirements during their first term of enrollment.

Teacher Licensure Program (TLP) for Post-Baccalaureate Students

This program is designed for returning students with a degree in music who wish to obtain K-12 Music teaching licensure. The program is administered through the College of Education (See Special Licensure Programs in the Teacher Education section of this catalog). Once accepted into the program, students meet with the appropriate music advisor to determine required music coursework to obtain state licensure. Students must pass an audition to enroll.

Program Advisors

Each music major, minor, and Teacher Licensure Program student is assigned a faculty advisor who guides the student in selecting courses and in fulfilling academic and departmental requirements for graduation. Majors should obtain their advisor's approval for each semester prior to registration. Students must also be aware of the General Education requirements for the Bachelor's degree. All students must complete a minimum of 24 semester hours at the 300 level to graduate.

Departmental Requirements

In addition to completing course requirements, music majors and minors must fulfill departmental requirements for graduation.

Ensemble Requirement: Music majors, Teacher Licensure Program, and graduate students are required to participate in a large ensemble. Large ensembles are as follows:

- Wind, brass, and percussion students enroll in Band;
- string students enroll in Orchestra;
- piano students enroll in Accompanying;
- guitar students enroll in Guitar Ensemble;

- and voice students enroll in University Chorus, Chamber Singers, Opera Workshop, or Musical Theater (see Vocal Performance and Music Education programs for specific requirements).

Graduate and Teacher Licensure Program students must complete three semesters of a large ensemble. Undergraduates must participate in a large ensemble every semester they are enrolled in courses at NEIU except while student teaching.

Concert Attendance: Recorded attendance at Department of Music sponsored events is required of all majors and minors. Music majors must attend a total of 80 concerts, seventy of which must be music department concerts. Ten concerts from off-campus venues will be accepted with advisor approval. Music minors must attend 20 music department concerts. Five concerts from off-campus venues will be accepted with advisor approval. It is the student's responsibility to submit and keep a copy of attendance validation records. Concerts in which the student participates/performs or works as an usher are not counted towards the attendance total.

Convocation: Music majors are required to attend the monthly Department of Music Convocation, which is scheduled during activity hour (Tuesday / Thursday 3:05 - 4:05 p.m.). A missed Convocation will result in the removal of two recital attendance cards from the students' file.

Applied Music: Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Music Majors are expected to audition for 300-level applied music upon achieving junior standing (60-89 hrs.). Music majors failing to reach 300-level after the second attempt may be dropped from the music major program. All students will participate in small ensembles as part of the required Applied Lesson studio class. Students in Applied Lessons are not permitted to study simultaneously with two teachers in the same field.

Students must earn a grade of "C" or higher in all courses counted toward major or minor requirements.

AWARDS

Scholarships are available to outstanding students in Music and Dance. Undergraduate Talent Scholarships (tuition waivers) in Music and in Dance are awarded through audition. Qualified students must not hold a bachelor's degree. Graduate Scholarships are also available through audition. Complete information is available in the Department.

CONCERT SERIES

Approximately 100 afternoon and evening concerts are offered on-campus each year including:

- student recitals,
- departmental concerts,
- the Jewel Box Series,
- the Ruth Page Dance Series,
- Chicago Clarinet Ensemble,
- Chicago Brass Festival,
- American Spanish Dance Festival,
- Faculty Artist Series,
- the Performing Arts Series.

Complete information is published in the Department of Music Concert Calendar and on the music website.

PERFORMING GROUPS

A variety of instrumental and vocal ensembles perform in concerts both on and off-campus and rehearse on a regular basis throughout the year. The ensembles are open to university and community members with appropriate choral/ instrumental/vocal experience through audition and a commitment to artistic performance. Students may enroll for credit in a maximum of three ensembles per term.

LARGE ENSEMBLES INCLUDE:

- Band
- University Chorus
- Opera/Workshop
- Guitar Ensemble
- Orchestra
- Chamber Singers
- Musical Theater
- Piano Accompanying

SMALL ENSEMBLES INCLUDE:

- Jazz Band
- Brass Ensemble

- String Ensemble
- Guitar Ensemble
- Chamber Ensemble
- Jazz Combo
- Woodwind Ensemble
- Percussion Ensemble
- Piano Four Hands

DANCE ENSEMBLES INCLUDE:

- Repertory Ensemble
- Spanish Dance Ensemble

COMPUTER/ELECTRONIC MUSIC AND TECHNOLOGY

Qualified students may enroll in courses utilizing the Computer/Electronic Music Studio, a facility equipped with professional quality MIDI and Digital Audio Workstations.

MULTIMEDIA LEARNING RESOURCES CENTER

The Multimedia Learning Resources Center is a music study facility with computer assisted study materials, fully equipped listening stations, and approximately 4000 recordings and scores. The Multimedia Learning Resource Center is located on the third floor of the Ronald Williams Library.

NAFME

The NEIU Collegiate Chapter of the Music Educators National Conference provides opportunities for professional orientation and development, and opportunities to attend music education festivals, conventions and meetings.

NEIU BRASS CLUB

The NEIU Brass Club is open to all instrumentalists and exists to promote communication among brass players and to improve the artistic level of performance, teaching, and literature associated with brass players. The Brass Club supports departmental programs and sponsors activities that renew the fervor and importance of music in our lives.

- Major in Music (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/music/music>)
- Minor in Music (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/music/minor-music>)
- Minor in Dance (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/music/minor-dance>)
- Master of Arts in Music (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/music/master-arts-music>)

R. Shayne Cofer, Ph.D., Professor, Chair

Peter Chang, Ph.D., Professor

Travis Heath, D.M., Associate Professor

Robert Heitzinger, D.M., Associate Professor

Nelson Mandrell, D.M.A., Associate Professor

Katherine Petersen, D.M.A., Assistant Professor

Christopher Owen, D.M.A., Assistant Professor

Rose Sperrazza, D.M.A., Associate Professor

Susan Tang, D.M.A., Associate Professor

DANC-101. The Dance Experience: Introduction To The Art Of Dance. 3 Hours.

A non-technical introduction to the art of dance designed to enhance appreciation of styles, tradition, history, choreography, aesthetics and personalities. Lectures, films, discussion and participatory classes.

DANC-109. First Year Experience: Steppin' Out: Dance In Chicago. 3 Hours.

A course designed to increase the student's awareness, understanding and enjoyment of a variety of styles of aesthetic/theatrical dance. The course incorporates both movement and non-movement based approaches to learning about dance as an art form, and will focus on learning about ballet, modern, jazz and ethnic dance through lectures, discussions, films, the attendance of outside performances, and written assignments. In this course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery and Transitions) are interwoven with the field specific concepts in dance.

DANC-131. Introduction To Spanish Dance. 3 Hours.

Introduction to the three types of Spanish dance: Classical, Regional and Flamenco with emphasis on basic technique, and on Spain's varied music; Classical, Flamenco and regional from the 13th through 20th centuries.

DANC-161. Spanish Dance I. 2 Hours.

Continuation of DANC-131 with emphasis on the mastery of two important repertory style and their dances: Regional and Flamenco.

Prerequisite: DANC-131 minimum grade of C.

DANC-203U. Field Experiences:Dance In Chicago I. 3 Hours.

Field experience in studios or schools. Detailed information is available in the departmental office.

DANC-203V. Field Experiences:Dance In Chicago II. 3 Hours.

Advanced field experience in studios or schools. Detailed information is available in the departmental office.

DANC-203W. Field Experiences:Hispanic Dance I. 3 Hours.

Hispanic dance field experience in studios or schools. Detailed information is available in the departmental office.

DANC-204. Repertory Ensemble. 1.5 Hour.

Open to enrolled students with at least intermediate skills in dance technique (ballet, modern, jazz or combination).

DANC-251. Modern Dance I. 2 Hours.

Practice of movement as an art form suggesting ideas and conveying feelings, including axial and locomotor movements, spontaneous and planned interpretive response, and choreography.

DANC-254. Modern Dance II. 2 Hours.

Continuation of DANC-251. Strength, flexibility, coordination, and balance; locomotor combinations and creative exploration of rhythm and dynamic elements of dance.

DANC-255. Jazz Dance I. 2 Hours.

Fundamental techniques of jazz dance for the beginning student; blues, musical comedy, hard-rock, street dancing and dramatic styles.

DANC-256. Ballet I. 2 Hours.

Fundamentals of ballet techniques for the beginning student; attendance at performances; analysis of filmed performances.

DANC-261. Spanish Dance II. 2 Hours.

Continuation of DANC-161 further exploring the Classical, Regional and Flamenco styles with emphasis on mastery of technique, styles, music and theatrical history.

Prerequisite: DANC-161 minimum grade of C.

DANC-351. Modern Dance III. 3 Hours.

Continuation of DANC-254. Techniques of Graham, Limon and Cunningham; attendance at professional dance presentations and rehearsals; research.

Prerequisite: DANC-254 minimum grade of C.

DANC-355. Jazz Dance II. 2 Hours.

Continuation of DANC-255; more polished techniques and expression; blues, musical comedy, hard-rock, street dancing and dramatic styles.

Prerequisite: DANC-255 minimum grade of C.

DANC-356. Ballet II. 2 Hours.

Continuation of DANC-256. Skill in performance of "school" steps and combinations.

Prerequisite: DANC-256 minimum grade of C.

DANC-357. Ballet III. 2 Hours.

Continuation of DANC-356. Development of greater strength, flexibility, balance, stamina; adagio, allegro and center work. Expressive and creative elements.

Prerequisite: DANC-356 minimum grade of C.

DANC-360. Dance Composition. 3 Hours.

Practical aspects of dance design and theoretical aspects of dance as an art. Creation of dance compositions is required.

DANC-365. Dance Production. 3 Hours.

Costuming, make-up, marketing and lighting for dance.

DANC-370. Musical Resources For Dance. 3 Hours.

Music sources of particular interest to the dancer and choreographer from primitivism to trends in new music. Students develop research techniques and resource files in major areas: jazz, ballet, modern and world music forms, new music, etc.

DANC-371. Theory And Philosophy Of Dance And The Related Arts. 3 Hours.

The nature of dance and its historical interrelatedness with other art forms: poetry, drama (opera), painting and music; the role of the critic.

DANC-380. Contemporary Dance Education. 3 Hours.

Application of educational methods to the field of dance in various settings, such as conservatory and community and specific age interest groups.

DANC-382. Dance Management And Grantsmanship. 3 Hours.**DANC-390B. Jazz Dance. 3 Hours.**

This course is designed to provide students with practical experience in the area of Jazz dance technique, movement development, and expressive movement performance. The goal of the course is to provide students the opportunity to improve their ability to integrate and maintain correction in the areas of jazz technique and Jazz movement development. Advanced Jazz styles are explored.

DANC-390D. Seminar In Dance Performance:Spanish Dance. 3 Hours.

This 300 level seminar is designed to incorporate and continue the technical and stylized materials presented in Introduction to Spanish Dance-131, Spanish Dance I-161, and Spanish Dance II-261. Via the study and rehearsal of Spanish dance choreographic works created and taught by faculty and guest artists and along with regular class instruction, lectures, films, and viewing professional dance companies in performance, each student will be focused on a high level of professional achievement.

Prerequisites: DANC-131 minimum grade of D and DANC-161 minimum grade of D and DANC-261 minimum grade of D.

DANC-390E. Seminar In Dance Performance: Styles. 3 Hours.

This course is designed to provide students with practical experience in the areas of dance technique, movement development, and expressive movement performance. The goal of the course is to provide students the opportunity to improve their ability to integrate and maintain correction in the areas of technique and movement development.

DANC-391. Internship In Dance. 3 Hours.

Practicum in art agencies, dance companies, community organizations or arts-related industries designed by the student, a dance faculty advisor and generally an off-campus agent.

Music

MUS-101. The Musical Experience. 3 Hours.

A non-technical course designed to increase the listener's understanding and enjoyment of music. Not applicable towards music major or minor requirements.

MUS-102. Music Fundamentals I. 3 Hours.

Introduction to basic fundamental concepts in music.

MUS-103. Basic Materials In Sight Reading. 1 Hour.

This course is designed to develop the foundations of sight reading and increase the first year music student's awareness, understanding and enjoyment of sight reading through practical application exercises and lectures. Students will learn the basics of reading and writing music, sight reading and beginning music theory. Practice and application of sight reading techniques, ear training procedures and related aural and oral skills will be emphasized. This course is designed for students at the beginning level, as determined by a placement exam administered to all music major students at the beginning of the semester.

MUS-104. Music Concepts: An Introduction. 3 Hours.

Elements of music, forms and styles; lectures, discussions, readings, recordings and attendance at musical performances. Open to all students; recommended for prospective majors and required for Elementary Education majors.

MUS-105. Basic Materials In Music Theory. 3 Hours.

MUS-105 Basic Materials in Music Theory, 3 cr. Introduction to notation and perception of pitch and rhythm, including: intervals, triads, scales, meter, and key signatures, time signatures, and basic concepts of sight singing and ear training. Recommended as a remedial course for prospective majors whose music theory skills need enhancement in order to qualify for enrollment in MUS-121, Music Theory 1.

MUS-106. Orientation To Music Education. 1 Hour.

A broad view of Music Education in Public School K-12 is required of all Music Education majors. Included are visits to all levels of music instruction in local schools. This course is designed to help students decide whether Music Education K-12 is the appropriate career choice and what the total job entails.

MUS-107A. Class Instrumental Instruction:Strings. 2 Hours.

Instrumental instruction in a classroom setting.

Prerequisite: MUS-104 minimum grade of C or MUS-105 minimum grade of C.

MUS-107B. Class Instrumental Instruction:Brass. 2 Hours.

Instrumental instruction in a classroom setting.

Prerequisite: MUS-104 minimum grade of C or MUS-105 minimum grade of C.

MUS-107C. Class Instrumental Instruction:Woodwinds. 2 Hours.

Instrumental instruction in a classroom setting.

Prerequisite: MUS-104 minimum grade of C or MUS-105 minimum grade of C.

MUS-107D. Class Instrumental Instruction:Percussion. 2 Hours.

Instrumental instruction in a classroom setting.

Prerequisite: MUS-104 minimum grade of C or MUS-105 minimum grade of C.

MUS-109. First Year Experience:Chi-Tunes: Music In Chicago. 3 Hours.

In this course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery and Transitions) are interwoven with the field specific concepts and terminology of music. This course is designed to increase the first year student's awareness, understanding and enjoyment of a variety of musical styles through attending live performances. Students will learn the basics of reading and writing music, music history, and music's place in society and culture through pre and post concert discussions.

MUS-110. Class Voice I. 2 Hours.

For beginning students in voice; fundamentals of vocal technique.

MUS-111. Class Voice II. 2 Hours.

Continuation of MUS-110.

Prerequisite: MUS-110 minimum grade of C.

MUS-112. Class Piano I. 2 Hours.

For beginning piano students. Fundamentals of reading and writing music. Basic keyboard skills in major and minor keys. Outside practice required.

MUS-113. Class Piano II. 2 Hours.

Continuation of MUS-112. Expanded theoretical concepts and keyboard technique. Outside practice required.

Prerequisite: MUS-112 minimum grade of C.

MUS-114. Class Piano III. 2 Hours.

Keyboard skills in all major and minor keys. Piano literature of diverse styles. Outside practice required.

Prerequisite: MUS-113 minimum grade of C.

MUS-115. Instrumental Music Studies Brass Instruments. 1 Hour.

Introduction to the techniques and skills of playing brass instruments. Care and maintenance. Study and evaluation of the music literature available for the various brass instruments.

Prerequisite: MUS-121 minimum grade of C.

MUS-116. Instrumental Music Studies Percussion Instruments. 1 Hour.

Introduction to the techniques and skills of playing percussion instruments. The use of percussion instruments in various types of instrumental ensembles.

Prerequisite: MUS-121 minimum grade of C.

MUS-117. Instrumental Music Studies String Instruments. 1 Hour.

Introduction to the techniques and skills of playing string instruments. Care and maintenance. Study and evaluation of the music literature available for the various string instruments.

Prerequisite: MUS-121 minimum grade of C.

MUS-118. Instrumental Music Studies Woodwind Instruments I. 1 Hour.

Introduction to the techniques and skills of playing flute and clarinet. Care and maintenance of the instruments as well as study and evaluation of the music literature available for the instruments.

Prerequisite: MUS-121 minimum grade of C.

MUS-119. Instrumental Music Studies: Woodwind Instruments II. 1 Hour.

Introduction to the techniques and skills of playing oboe, bassoon, and saxophone. Care and maintenance of the instruments as well as study and evaluation of the music literature available for the instruments.

Prerequisite: MUS-121 minimum grade of C.

MUS-120. Class Guitar I. 2 Hours.

Basic skills in guitar; basic chords and chord progressions, strumming techniques, playing a simple melodic line, and reading guitar tablature as well as standard musical notation.

MUS-121. Music Theory I. 3 Hours.

Study of harmonic materials in tonal music and standard notational practice. Includes written and aural skills development. Structure, doubling, spacing, voice-leading, triads and inversions. Placement testing or consent of instructor.

MUS-122. Music Theory II. 3 Hours.

Continuation of MUS-121. Advancing written and aural skills. Phrase structure, cadences, harmonic progression, harmonization techniques, nonharmonic tones.

Prerequisite: MUS-121 minimum grade of C.

MUS-123. Class Guitar II. 2 Hours.

Continuation of MUS-120. More complex and varied chord formations and strumming techniques; note reading of more difficult melodic lines; basics of classical guitar technique.

Prerequisite: MUS-120 minimum grade of C.

MUS-124. Sight Singing And Ear Training I. 1 Hour.

Practice and application of sight-singing techniques, ear training procedures and related aural/oral skills.

Prerequisites: MUS-121 minimum grade of C and MUS-122 minimum grade of C.

MUS-125. Sight Singing And Ear Training II. 1 Hour.

Continuation of MUS-124.

Prerequisite: MUS-124 minimum grade of C.

MUS-127. Harmony And Ear Training At The Keyboard I. 2 Hours.

Skills in applying harmonic and melodic concepts and techniques at a keyboard instrument.

Prerequisites: MUS-121 minimum grade of C and MUS-112 minimum grade of C.

MUS-128. Harmony And Ear Training At The Keyboard II. 2 Hours.

Advanced skills in applying harmonic and melodic concepts and techniques at a keyboard instrument.

Prerequisite: MUS-127 minimum grade of C.

MUS-130. Fundamentals Of Midi. 3 Hours.

Introduction to digital technology and its musical applications. Fundamental skills and applications for using synthesizers, computers, drum machines and other instruments which utilized Musical Instrument Digital Interface. Lecture, demonstrations and hands-on experience in electronic music lab.

MUS-131. Computer Literacy For Musicians. 3 Hours.

This is a preparatory course for music students who wish to pursue further study in the use of computers for composition, performance, music printing and assisted instruction.

MUS-135. Desktop Music Publishing. 3 Hours.

Desktop publishing approach to creating professional quality music publications from handwritten manuscripts. Orchestral scores, choral scores, lead sheets, songbooks and other publications. Utilizes computers, music notation software, synthesizers and printers. Includes demonstrations and hands-on experience in Computer/Electronic Music Lab.

MUS-150A. Applied Music: Flute. 0.5 Hours.

Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability.

MUS-150B. Applied Music: Oboe. 0.5 Hours.

See course description for MUS-150A.

MUS-150C. Applied Music: Clarinet. 0.5 Hours.

See course description for MUS-150A.

MUS-150D. Applied Music: Saxophone. 0.5 Hours.

See course description for MUS-150A.

MUS-150E. Applied Music: Bassoon. 0.5 Hours.

See course description for MUS-150A.

MUS-150F. Applied Music: French Horn. 0.5 Hours.

See course description for MUS-150A.

MUS-150G. Applied Music: Trumpet. 0.5 Hours.

See course description for MUS-150A.

MUS-150H. Applied Music: Euphonium. 0.5 Hours.

See course description for MUS-150A.

MUS-150I. Applied Music: Electronic Keyboard. 0.5 Hours.

See course description for MUS-150A.

MUS-150J. Applied Music: Trombone. 0.5 Hours.

See course description for MUS-150A.

MUS-150K. Applied Music: Tuba. 0.5 Hours.

See course description for MUS-150A.

MUS-150L. Applied Music: Marimba. 0.5 Hours.

See course description for MUS-150A.

MUS-150M. Applied Music: Percussion. 0.5 Hours.

See course description for MUS-150A.

MUS-150N. Applied Music: Snare Drum. 0.5 Hours.

See course description for MUS-150A.

MUS-150O. Applied Music: Jazz Piano. 0.5 Hours.

See course description for MUS-150A.

MUS-150P. Applied Music: Violin. 0.5 Hours.

See course description for MUS-150A.

MUS-150Q. Applied Music: Viola. 0.5 Hours.

See course description for MUS-150A.

MUS-150R. Applied Music: Cello. 0.5 Hours.

See course description for MUS-150A.

MUS-150S. Applied Music: String Bass. 0.5 Hours.

See course description for MUS-150A.

MUS-150T. Applied Music: Guitar. 0.5 Hours.

See course description for MUS-150A.

MUS-150U. Applied Music: Harp. 0.5 Hours.

See course description for MUS-150A.

MUS-150V. Applied Music: Voice. 0.5 Hours.

See course description for MUS-150A.

MUS-150W. Applied Music: Piano. 0.5 Hours.

See course description for MUS-150A.

MUS-150X. Applied Music: Jazz String Bass. 0.5 Hours.

See course description for MUS-150A.

MUS-150Y. Applied Music: Jazz Guitar. 0.5 Hours.

See course description for MUS-150A.

MUS-150Z. Applied Music: Jazz Voice. 0.5 Hours.

See course description for MUS-150A.

MUS-151A. Applied Music: Flute. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151B. Applied Music: Oboe. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151C. Applied Music: Clarinet. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151D. Applied Music: Saxophone. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151E. Applied Music: Bassoon. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151F. Applied Music: French Horn. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151G. Applied Music: Trumpet. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151H. Applied Music: Euphonium. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151T. Applied Music: Guitar. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151U. Music Applied: Harp. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151V. Applied Music: Voice. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151W. Applied Music: Piano. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151X. Applied Music: Jazz String Bass. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-152A. Applied Music: Flute. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152B. Applied Music: Oboe. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152C. Applied Music: Clarinet. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152D. Applied Music: Saxophone. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152E. Applied Music: Bassoon. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152F. Applied Music: French Horn. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152G. Applied Music: Trumpet. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152H. Applied Music: Euphonium. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152I. Applied Music: Electronic Keyboard. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152J. Applied Music: Trombone. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152K. Applied Music: Tuba. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152L. Applied Music: Marimba. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152M. Applied Music: Percussion. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152N. Applied Music: Snare Drum. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152O. Applied Music: Jazz Piano. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152P. Applied Music: Violin. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152Q. Applied Music: Viola. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152R. Applied Music: Cello. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152S. Applied Music: String Bass. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152T. Applied Music: Guitar. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152U. Music Applied: Harp. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability.

MUS-152V. Applied Music: Voice. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152W. Applied Music: Piano. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152X. Applied Music: Jazz String Bass. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152Y. Applied Music: Jazz Guitar. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152Z. Applied Music: Jazz Voice. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-201. Music Theory III. 3 Hours.

Study of seventh chords, secondary dominants, altered nonharmonic tones, modulation, borrowed chords, augmented sixth chords. Advancing analytical and written skills.

Prerequisite: MUS-122 minimum grade of C.

MUS-202. Music Theory IV. 3 Hours.

Writing and analysis. Study of Neapolitan sixth; diminished sevenths; altered dominants; chromatic mediant; modulation to foreign keys; ninth, eleventh and thirteenth chords.

Prerequisite: MUS-201 minimum grade of C.

MUS-203. Music Before 1600. 3 Hours.

Survey of musical styles, types and forms from Gregorian Chant through the Renaissance.

Prerequisite: MUS-121 minimum grade of C.

MUS-204. Music From 1600 Through Beethoven. 3 Hours.

Survey of musical styles, types and forms in representative composers of the Baroque and Classical Periods.

Prerequisite: MUS-121 minimum grade of C.

MUS-205. Music After Beethoven. 3 Hours.

Survey of musical styles, types and forms in representative composers of the Romantic Period, the Twentieth Century, and Global Music. By consent of instructor.

Prerequisite: MUS-121 minimum grade of C.

MUS-210. Music Diction For Singers I: Italian And French. 2 Hours.

Introduction to proper pronunciation of Italian and French texts in classical vocal music. Use of the International Phonetic Alphabet symbols applied to the singing of songs and arias.

Prerequisite: MUS-122 minimum grade of C.

MUS-211. Music Diction For Singers II: German And English. 2 Hours.

Introduction to proper pronunciation of English and German texts in classical vocal music. Use of the International Phonetic Alphabet symbols applied to the singing of songs.

Prerequisite: MUS-122 minimum grade of C.

MUS-220. Basic Conducting. 2 Hours.

Basic techniques of conducting: meter, dynamics, cuing, etc., applicable to both instrumental and choral conducting. Serves as prerequisite to specialized Instrumental and Choral Conducting courses.

Prerequisite: MUS-122 minimum grade of C.

MUS-221. Concert Choir. 1 Hour.

Vocal ensemble open to enrolled students. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-221A. University Chorus. 1 Hour.

Vocal ensemble open to enrolled students. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-222A. Vocal Ensemble: Chamber Singers. 1 Hour.

Vocal ensemble open to enrolled students. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-222B. Vocal Ensemble: Madrigal Singers. 1 Hour.

Vocal ensemble open to enrolled students. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-222C. Vocal Ensemble: Opera Workshop. 1 Hour.

A practical workshop in learning and performing opera repertoire. Explore the art of singing and acting through research, preparation and performance of opera scenes or a complete opera production. Open to enrolled students. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-222D. Vocal Ensemble: Music Theater. 1 Hour.

A practical workshop in learning and performing musical theater repertoire. Explore the art of singing and acting through research, preparation and performance of a complete musical theater production. Open to enrolled students. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-222E. Vocal Ensemble: Music Production. 1 Hour.

A practical course in learning and executing the technical aspects of a full music theater/opera production. This course will encompass, but is not limited to: staging, costume design, set design and construction, lighting design and execution, props, wigs, make-up and stage crew.

MUS-223. Instrumental Conducting. 2 Hours.

Techniques of conducting and score reading; rehearsal techniques and interpretation.

Prerequisite: MUS-122 minimum grade of D.

MUS-224. Choral Conducting. 2 Hours.

Choral conducting techniques; ability to read and analyze choral scores; choral repertoire.

Prerequisite: MUS-122 minimum grade of D.

MUS-226. Orchestra. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-230. Advanced Midi Techniques. 3 Hours.

Continuation of MUS-130. Advanced applications of digital technology as it applies to music, using computers, synthesizers, samplers and recording equipment. Lectures, demonstrations and hands-on experience in electronic music lab.

MUS-231. Band. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-231A. Wind Band. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-234A. Instrumental Ensemble: Brass. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-234B. Instrumental Ensemble: Percussion. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-234C. Instrumental Ensemble: Strings. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-234D. Instrumental Ensemble: Woodwinds. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-234E. Instrumental Ensemble: Accompanying. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-234F. Instrumental Ensemble: Piano Music For Four Hands. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-234K. Instrumental Ensemble:Recorder Consort. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-234M. Instrumental Ensemble: Guitar. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-235A. Instrumental Ensemble:Jazz Band. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-235B. Instrumental Ensemble:Jazz Combo. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-250. Junior Recital. 1 Hour.

A formal 1/2 hour recital given after the music performance major reaches the 300 level in applied instruction and during their junior year. Students select a recital committee of three faculty members including, and in conjunction with, their applied instructor. The student must pass a hearing presented to the recital committee before the recital is given. Once the recital is presented, a grade of pass or fail will be determined by the recital committee.

MUS-301. Counterpoint I. 3 Hours.

Writing in two parts in various styles and modes, study of species and modal procedures. .

Prerequisite: MUS-201 minimum grade of C.

MUS-302. Counterpoint II. 3 Hours.

Writing in two parts in various styles and modes, study of species and modal procedures.

Prerequisite: MUS-301 minimum grade of C.

MUS-305. Form And Analysis I. 3 Hours.

Structural and stylistic features in their musical context; motif, phrase and period; binary and ternary form, theme and variations, rondo, sonata form and unique forms.

Prerequisite: MUS-202 minimum grade of C.

MUS-306. Form And Analysis II. 3 Hours.

Structural and stylistic features in their musical context, early to contemporary polyphonic forms, multi-movement forms. electronic music, aleatoric music. Consideration of several approaches to structural analysis.

Prerequisite: MUS-305 minimum grade of C.

MUS-307. Class Composition. 3 Hours.

Composition and performance of students' original works.

MUS-308. Orchestration. 3 Hours.

Instrumental timbres and the capabilities of instruments; scoring for instruments in a variety of combinations, including the orchestra and instrumental vocal combinations.

Prerequisite: MUS-202 minimum grade of C.

MUS-309B. Studies In Instrumental Music: Symphony. 3 Hours.

An in depth study of this selected form of music.

Prerequisites: MUS-122 minimum grade of C and MUS-203 minimum grade of C and MUS-204 minimum grade of C and MUS-205 minimum grade of C.

MUS-309C. Studies In Instrumental Music Varies: Concerto. 3 Hours.

An in depth study of this selected form of music.

Prerequisites: MUS-122 minimum grade of C and MUS-203 minimum grade of C and MUS-204 minimum grade of C and MUS-205 minimum grade of C.

MUS-309D. Studies In Instrumental Music: Chamber Music. 3 Hours.

An in depth study of this selected form of music.

Prerequisites: MUS-122 minimum grade of C and MUS-203 minimum grade of C and MUS-204 minimum grade of C and MUS-205 minimum grade of C.

MUS-310B. Studies In Vocal Music: Art Song. 3 Hours.

An in depth study of this selected form of music.

Prerequisites: MUS-122 minimum grade of C and MUS-203 minimum grade of C and MUS-204 minimum grade of C and MUS-205 minimum grade of C.

MUS-310C. Studies In Vocal Music Varies: Oratorio. 3 Hours.

An in depth study of this selected form of music.

Prerequisites: MUS-122 minimum grade of C and MUS-203 minimum grade of C and MUS-204 minimum grade of C and MUS-205 minimum grade of C.

MUS-310D. Studies In Vocal Music Varies: Opera. 3 Hours.

An in depth study of this selected form of music.

Prerequisites: MUS-122 minimum grade of C and MUS-203 minimum grade of C and MUS-204 minimum grade of C and MUS-205 minimum grade of C.

MUS-310E. Studies In Vocal Music Varies: Mass. 3 Hours.

An in depth study of this selected form of music.

Prerequisites: MUS-122 minimum grade of C and MUS-203 minimum grade of C and MUS-204 minimum grade of C and MUS-205 minimum grade of C.

MUS-310F. Studies In Vocal Music Varies: Cantata. 3 Hours.

An in depth study of this selected form of music.

Prerequisites: MUS-122 minimum grade of C and MUS-203 minimum grade of C and MUS-204 minimum grade of C and MUS-205 minimum grade of C.

MUS-311B. Studies In Keyboard Music: The Sonata. 3 Hours.

An in depth study of this selected form of music.

Prerequisites: MUS-122 minimum grade of C and MUS-203 minimum grade of C and MUS-204 minimum grade of C and MUS-205 minimum grade of C.

MUS-311C. Studies In Keyboard Music: Keyboard Music Before 1750. 3 Hours.

An in depth study of this selected form of music.

Prerequisites: MUS-122 minimum grade of C and MUS-203 minimum grade of C and MUS-204 minimum grade of C and MUS-205 minimum grade of C.

MUS-311D. Studies In Keyboard Music Varies: Keyboard Music After 1750. 3 Hours.

An in depth study of this selected form of music.

Prerequisites: MUS-122 minimum grade of C and MUS-203 minimum grade of C and MUS-204 minimum grade of C and MUS-205 minimum grade of C.

MUS-312. Writing Intensive Program: Beethoven. 3 Hours.

This seminar explores major issues in Beethoven study through most relevant literature concerning Beethoven's life, musical style, aesthetics, influence on the next generation of composers, and the socio-cultural forces responsible for shaping his ideas and music. Students will carry out individualized research projects culminating in a research paper, as well as completing reading reports, keeping a listening journal, and analyzing the music studied in class.

Prerequisites: MUS-122 minimum grade of C and ENGL-101 minimum grade of C and MUS-203 minimum grade of C and (MUS-204 minimum grade of C or MUS-205 minimum grade of C).

MUS-315. Bach And Handel. 3 Hours.

Analysis of representative vocal and instrumental compositions of Bach and Handel. Survey of biographical and bibliographical sources.

Prerequisites: MUS-122 minimum grade of C and MUS-203 minimum grade of C and MUS-204 minimum grade of C and MUS-205 minimum grade of C.

MUS-316. Haydn And Mozart. 3 Hours.

Analysis of representative vocal and instrumental compositions of Haydn and Mozart. Survey of biographical and bibliographical sources.

Prerequisites: MUS-122 minimum grade of C and MUS-203 minimum grade of C and MUS-204 minimum grade of C and MUS-205 minimum grade of C.

MUS-317. Music Of The Romantic Era. 3 Hours.

Consideration from a historical point of view of structural, stylistic and formal aspects of the musical art of the Romantic era.

Prerequisites: MUS-122 minimum grade of C and MUS-203 minimum grade of C and (MUS-204 minimum grade of C or MUS-205 minimum grade of C).

MUS-318. Music Of The Twentieth Century. 3 Hours.

Consideration from a historical point of view of structural, stylistic and formal aspects of the musical art of the twentieth century.

Prerequisites: MUS-122 minimum grade of C and MUS-203 minimum grade of C and MUS-204 minimum grade of C and MUS-205 minimum grade of C.

MUS-319. Music Of America. 3 Hours.

Study of the development of music in America from the pre-revolutionary period to the contemporary period.

Prerequisites: MUS-122 minimum grade of C and MUS-203 minimum grade of C and MUS-204 minimum grade of C and MUS-205 minimum grade of C.

MUS-320. Independent Study In Music. 1 Hour.

Consent of instructor, department Chair and College Dean.

MUS-321D. Writing Intensive Program: Seminar In Music History:Stravinsky. 3 Hours.

This seminar explores major issues in Stravinsky study through most relevant literature concerning Stravinsky's life, musical style, aesthetics, impact on the development of twentieth-century music, and the socio-cultural forces responsible for shaping his ideas and music. Students will carry out individualized research projects culminating in a research paper, as well as completing reading reports, keeping a listening journal, and analyzing the music studied in class.

Prerequisites: MUS-202 minimum grade of C and MUS-203 minimum grade of C and MUS-204 minimum grade of C and MUS-205 minimum grade of C and ENGL-101 minimum grade of C.

MUS-321E. Seminar In Music History: Bach. 3 Hours.

This seminar explores major issues in Bach study through the most relevant literature concerning Bach's life, musical style, aesthetics and the socio-cultural forces shaping his ideas and music through reading, listening and analyzing his music, discussions over the reading material, and individualized research projects.

Prerequisites: MUS-122 minimum grade of C and MUS-203 minimum grade of C and MUS-204 minimum grade of C and MUS-205 minimum grade of C.

MUS-321F. Seminar In Music History: Jazz. 3 Hours.

This seminar explores major issues in the history of jazz through most the relevant literature concerning development, musical style and prominent musicians through reading, listening and analyzing music, discussions over the reading material, and through individualized research projects.

MUS-322. Independent Study In Music. 3 Hours.

Consent of instructor, department Chair and College Dean.

MUS-323. Music Of The Renaissance Era. 3 Hours.

Consideration from a historical point of view of structural, stylistic and formal aspects of the musical art of the Renaissance Era.

Prerequisites: MUS-122 minimum grade of C and MUS-203 minimum grade of C and MUS-204 minimum grade of C or MUS-205 minimum grade of C.

MUS-324. Independent Study In Music. 2 Hours.

Consent of instructor, department Chair and College Dean.

MUS-325A. Performance Seminar: Brass. 2 Hours.

Performance and critical analysis of performances based upon stylistic, structural, and technical factors. Enrollment in applied lessons and consent of instructor.

MUS-325B. Performance Seminar: Piano. 2 Hours.

Performance and critical analysis of performances based upon stylistic, structural, and technical factors. Enrollment in applied lessons and consent of instructor.

MUS-325C. Performance Seminar: Strings. 2 Hours.

Performance and critical analysis of performances based upon stylistic, structural, and technical factors. Enrollment in applied lessons and consent of instructor.

MUS-325D. Performance Seminar: Wind Instruments. 2 Hours.

Performance and critical analysis of performances based upon stylistic, structural, and technical factors. Enrollment in applied lessons and consent of instructor.

MUS-325E. Performance Seminar: Voice. 2 Hours.

Performance and critical analysis of performances based upon stylistic, structural, and technical factors. Enrollment in applied lessons and consent of instructor.

MUS-326. Songwriting. 3 Hours.

Techniques of songwriting; consideration and analysis of classical and folk song models; emphasis on writing lyrics, melody and accompaniment.

MUS-327A. Repertoire Seminar: Piano. 3 Hours.

This is the first semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-327B. Repertoire Seminar: Strings. 3 Hours.

This is the first semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-327C. Repertoire Seminar: Winds. 3 Hours.

This is the first semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-327D. Repertoire Seminar: Voice. 3 Hours.

This is the first semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-327E. Repertoire Seminar: Choral. 3 Hours.

This is the first semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-327F. Repertoire Seminar: Brass. 3 Hours.

This is the first semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-327G. Repertoire Seminar: Percussion. 3 Hours.

This is the first semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-328A. Repertoire Seminar: Piano. 3 Hours.

This is the second semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-328B. Repertoire Seminar: Strings. 3 Hours.

This is the second semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-328C. Repertoire Seminar: Winds. 3 Hours.

This is the second semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-328D. Repertoire Seminar Varies: Voice. 3 Hours.

This is the second semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-328E. Repertoire Seminar: Choral. 3 Hours.

This is the second semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-328F. Repertoire Seminar: Brass. 3 Hours.

This is the second semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-328G. Repertoire Seminar: Percussion. 3 Hours.

This is the second semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-329. Advanced Conducting. 2 Hours.

Prerequisite: MUS-223 minimum grade of D or MUS-224 minimum grade of D.

MUS-330. Music Technology Seminar: Current Topics. 3 Hours.

A survey of latest developments in music technology designed to keep today's musician up-to-date with current trends and applications, new gear and instruments, software upgrades and other current topics. Includes demonstrations and hands-on experience in Computer/Electronic Music Lab.

MUS-331A. Applied Music Pedagogy I: Piano. 3 Hours.

Methods of teaching applied music for prospective and experienced teachers. 300 level in applied lessons and consent of instructor.

MUS-331B. Applied Music Pedagogy I: Strings. 3 Hours.

Methods of teaching applied music for prospective and experienced teachers. 300 level in applied lessons and consent of instructor.

MUS-331C. Applied Music Pedagogy I: Brass. 3 Hours.

Methods of teaching applied music for prospective and experienced teachers. 300 level in applied lessons and consent of instructor.

MUS-331D. Applied Music Pedagogy I: Woodwinds. 3 Hours.

Methods of teaching applied music for prospective and experienced teachers. 300 level in applied lessons and consent of instructor.

MUS-331E. Applied Music Pedagogy I: Voice. 3 Hours.

Methods of teaching applied music for prospective and experienced teachers. 300 level in applied lessons and consent of instructor.

MUS-331F. Applied Music Pedagogy I: Percussion. 3 Hours.

Methods of teaching applied music for prospective and experienced teachers. 300 level in applied lessons and consent of instructor.

MUS-332A. Applied Music Pedagogy II: Piano. 2 Hours.

A practicum for implementing the methods of teaching applied music learned in MUS-331.

Prerequisite: MUS-331 minimum grade of C.

MUS-332B. Applied Music Pedagogy II: Strings. 2 Hours.

A practicum for implementing the methods of teaching applied music learned in MUS-331.

Prerequisite: MUS-331 minimum grade of C.

MUS-332C. Applied Music Pedagogy II: Brass. 2 Hours.

A practicum for implementing the methods of teaching applied music learned in MUS-331.

Prerequisite: MUS-331 minimum grade of C.

MUS-332D. Applied Music Pedagogy II: Woodwinds. 2 Hours.

A practicum for implementing the methods of teaching applied music learned in MUS-331.

Prerequisite: MUS-331 minimum grade of C.

MUS-332E. Applied Music Pedagogy II: Voice. 2 Hours.

A practicum for implementing the methods of teaching applied music learned in MUS-331.

Prerequisite: MUS-331 minimum grade of C.

MUS-332F. Applied Music Pedagogy II: Percussion. 2 Hours.

A practicum for implementing the methods of teaching applied music learned in MUS-331.

Prerequisite: MUS-331 minimum grade of C.

MUS-333. Internship In Music. 3 Hours.

Field experience in schools, community organizations or industry. Detailed information is available in the departmental office. Departmental approval required.

MUS-341. Senior Recital. 1 Hour.

A formal recital of 50 minutes of music given after the music performance major reaches the-300 level in applied instruction and during their senior year. Students select a recital committee of three faculty members including, and in conjunction with, their applied instructor. The student must pass a hearing presented to the recital committee before the recital is given. Once the recital is presented, a grade of pass or fail will be determined by the recital committee.

MUS-342. World Music. 2 Hours.

A study of world music and various cultures for use by music education students in the classroom. Students experience world music through performance on ethnic instruments, listening to recordings of authentic music, as well as map study, and attendance at live performances. Students develop and implement lesson plans at various levels of music instruction.

Prerequisite: MUS-202 minimum grade of C.

MUS-350A. Applied Music: Flute. 0.5 Hours.

One-half hour weekly lesson. Individual study in voice or instrument for the development of performing skills and musical understanding; knowledge of the repertoire at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied lesson studio class. Students taking applied lessons must be music majors, minors, or registered in an ensemble. Consent of instructor and department chairperson.

MUS-350B. Applied Music: Oboe. 0.5 Hours.

One-half hour weekly lesson. Individual study in voice or instrument for the development of performing skills and musical understanding; knowledge of the repertoire at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied lesson studio class. Students taking applied lessons must be music majors, minors, or registered in an ensemble. Consent of instructor and department chairperson.

MUS-350C. Applied Music: Clarinet. 0.5 Hours.

One-half hour weekly lesson. Individual study in voice or instrument for the development of performing skills and musical understanding; knowledge of the repertoire at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied lesson studio class. Students taking applied lessons must be music majors, minors, or registered in an ensemble. Consent of instructor and department chairperson.

MUS-350D. Applied Music: Saxophone. 0.5 Hours.

One-half hour weekly lesson. Individual study in voice or instrument for the development of performing skills and musical understanding; knowledge of the repertoire at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied lesson studio class. Students taking applied lessons must be music majors, minors, or registered in an ensemble. Consent of instructor and department chairperson.

MUS-352P. Applied Music: Violin. 2 Hours.

One-hour weekly lesson for performance majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson required.

MUS-352Q. Applied Music: Viola. 2 Hours.

One-hour weekly lesson for performance majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson required.

MUS-352R. Applied Music: Cello. 2 Hours.

One-hour weekly lesson for performance majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson required.

MUS-352S. Applied Music: String Bass. 2 Hours.

One-hour weekly lesson for performance majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson required.

MUS-352T. Applied Music: Guitar. 2 Hours.

One-hour weekly lesson for performance majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson required.

MUS-352V. Applied Music: Voice. 2 Hours.

One-hour weekly lesson for performance majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson required.

MUS-352W. Applied Music: Piano. 2 Hours.

One-hour weekly lesson for performance majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson required.

MUS-352X. Applied Music: Jazz String Bass. 2 Hours.

One-hour weekly lesson for performance majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson required.

MUS-352Y. Applied Music: Jazz Guitar. 2 Hours.

One-hour weekly lesson for performance majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson required.

MUS-352Z. Applied Music: Vocal Coaching. 2 Hours.

One-hour weekly lesson for performance majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson required.

MUS-391. Contemporary Music Education - Grades K-6. 3 Hours.

This course is designed for music education students and includes a study of philosophy, methods, materials, and assessment techniques suitable for developing music potential in elementary school-aged children. Special areas of focus include long and short term lesson planning, sequencing concepts and skill, ethnic music, music in Special Education, and assessment correlated with State and National Standards for Arts Education.

Prerequisite: MUS-202 minimum grade of C.

MUS-393L. Clinical Field Experience. 2 Hours.

A supervised clinical experience designed with less emphasis on observational experiences and more on direct involvement with the instructional process. Requires 100 hours experience with a broad range of students. Taken with TED SCED-303I and 303V. Completion of all education courses required.

Prerequisite: MUS-391 minimum grade of C.

MUS-394E. Creative Approaches In Music. 3 Hours.

This course is designed to provide the instructor an opportunity to design a course/workshop of his/her own specialty for practicing musicians and working professionals and is open to enrollment (instructor approval) based upon the needs/desires of the department/instructor.

MUS-396A. Practicum In Music: Chamber Music. 1 Hour.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-396B. Practicum In Music: Computer Music. 1 Hour.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-396C. Practicum In Music: Computerized Notation. 1 Hour.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-396D. Practicum In Music: Choral Music. 1 Hour.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-396K. Practicum In Music: Orchestra. 1 Hour.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-397A. Practicum In Music: Chamber Music. 2 Hours.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-397B. Practicum In Music: Computer Music. 2 Hours.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-397C. Practicum In Music: Computerized Notation. 2 Hours.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-397K. Practicum In Music: Orchestra. 2 Hours.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-398A. Practicum In Music: Chamber Music. 3 Hours.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-398B. Practicum In Music: Computer Music Studio. 3 Hours.

The course addresses a broad range of technical and aesthetic issues relevant to the creation of music and artistic manipulation of sound. The course combines theoretical conceptual and practical information with hands-on experience with software and hardware. Students design and realize projects in consultation with the instructor for presentation in class or public forum. Projects may incorporate elements of audio recording, audio editing, MIDI, sound synthesis, sound design, combined media or other innovative concepts which develop as technology and art combine.

MUS-398C. Practicum In Music: Computerized Notation. 3 Hours.

Computer notation address issues of musical notation and current software used in creation, duplication and publication of music. The course will develop knowledge and skills required for accurate and appropriate notation using the computer. Class time will be used for hands-on work with computers and related equipment as well as lectures, discussion groups and exercises designed for a variety of ensembles and genres. The course assumes music reading ability.

MUS-398D. Practicum In Music: Introduction To Multimedia Syllabus. 3 Hours.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-398E. Practicum In Music: Advanced Multimedia Syllabus. 3 Hours.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-398K. Practicum In Music: Orchestra. 3 Hours.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-405. Form and Analysis. 3 Hours.

This course focuses upon advanced analysis of linear, vertical and structural dimensions of western music. Large and small scale works from various historical periods and for a variety of media will be considered. Procedures as appropriate to style and period will be applied with an emphasis upon development of analytical skill as an interpretive tool leading to more insightful performance.

MUS-411. Vocal Ensemble: Chorus. 1 Hour.

The University Chorus is a large choral ensemble which explores the great choral literature from the Middle-Ages and Renaissance periods to the present day in preparation for public and school performances. Emphasis is on choral rehearsal techniques, appropriate vocal technique, historical performance practice for the works being prepared and research on composers and compositions being studied.

MUS-412. Chamber Singers. 1 Hour.

Chamber singers explores the art of ensemble singing through the preparation and performance of choral literature composed for a smaller ensemble. Emphasis is on choral rehearsal techniques, appropriate vocal technique and performance practice for the works being prepared, and research about the composers and the compositions being prepared.

MUS-413. Opera Workshop. 1 Hour.

A practical workshop in learning and performing opera literature and exploring the art of singing opera through research, preparation and performance of scene excerpts and complete opera productions. Graduate students are expected to sing the leading roles and/or assist the director in staging, managing and research.

MUS-414. Musical Theater. 1 Hour.

A practical workshop in learning and performing musical theater repertoire and exploring the art of singing and acting through research, preparation and performance of a complete musical theater production. Graduate students are expected to sing the leading roles and/or assist the director in staging, managing and research.

MUS-415. Music Production. 1 Hour.

A practical course in learning and executing the technical aspects of a full music theater/opera production. This course will encompass, but is not limited to: staging, costume design, set design and construction, lighting design and execution, props, wigs, make-up and stage crew.

MUS-420. Independent Study In Music. 1 Hour.

Individual investigation into a topic of the student's choice. Consent of instructor, department Chair and College Dean.

MUS-421. Independent Study In Music. 2 Hours.

(See MUS-420 for description.)

MUS-421A. Independent Study In Music. 2 Hours.

(See MUS-420 for description.)

MUS-421B. Independent Study In Music. 2 Hours.

(See MUS-420 for description.)

MUS-422. Independent Study In Music. 3 Hours.

(See MUS-420 for description.)

MUS-422A. Independent Study In Music. 3 Hours.

(See MUS-420 for description.)

MUS-423. Band. 1 Hour.

Band is a large performing ensemble exploring standard wind band repertoire. Performance of two public and school concerts each semester is required. Graduate students are expected to perform solos, be section leaders, and assist the director in conducting rehearsals.

MUS-424. Music Bibliography And Research. 3 Hours.

Study of basic reference and research materials in music and introduction to methods of research appropriate to music.

MUS-425A. Music Performance Seminar: Brass. 2 Hours.

This seminar is an extension and compliment to the applied lesson and focuses on the art of performance. Enrollment in applied lessons and consent of instructor.

MUS-425B. Music Performance Seminar: Piano. 2 Hours.

This seminar is an extension and compliment to the applied lesson and focuses on the art of performance. Enrollment in applied lessons and consent of instructor.

MUS-425C. Music Performance Seminar: Strings. 2 Hours.

This seminar is an extension and compliment to the applied lesson and focuses on the art of performance. Enrollment in applied lessons and consent of instructor.

MUS-425D. Music Performance Seminar: Woodwind. 2 Hours.

This seminar is an extension and compliment to the applied lesson and focuses on the art of performance. Enrollment in applied lessons and consent of instructor.

MUS-425E. Music Performance Seminar: Voice. 2 Hours.

This seminar is an extension and compliment to the applied lesson and focuses on the art of performance. Enrollment in applied lessons and consent of instructor.

MUS-425F. Music Performance Seminar: Percussion. 2 Hours.

This seminar is an extension and compliment to the applied lesson and focuses on the art of performance. Enrollment in applied lessons and consent of instructor.

MUS-426. Orchestra. 1 Hour.

Open to all students with instrumental experience by audition. Opportunities for school and public performance.

MUS-428A. Music Repertoire Seminar: Piano. 3 Hours.

The seminar will consist of an in-depth study of principal styles and forms of repertoire.

MUS-428B. Music Repertoire Seminar: Strings. 3 Hours.

The seminar will consist of an in-depth study of principal styles and forms of repertoire.

MUS-428C. Music Repertoire Seminar: Woodwinds. 3 Hours.

The seminar will consist of an in-depth study of principal styles and forms of repertoire.

MUS-428D. Music Repertoire Seminar: Voice. 3 Hours.

The seminar will consist of an in-depth study of principal styles and forms of repertoire.

MUS-428F. Music Repertoire Seminar: Brass. 3 Hours.

The seminar will consist of an in-depth study of principal styles and forms of repertoire.

MUS-428G. Music Repertoire Seminar: Percussion. 3 Hours.

The seminar will consist of an in-depth study of principal styles and forms of repertoire.

MUS-431A. Advanced Applied Music Pedagogy I: Piano. 3 Hours.

At an advanced level, this course explores various aspects of the field of teaching applied music. The course will explore available methods and materials and techniques of teaching students at various ages and levels of advancement. It will also focus on various approaches to teaching technique, placing them in a historical context and learning how to apply them to students at various levels of advancement.

MUS-431B. Advanced Applied Music Pedagogy I: Strings. 3 Hours.

At an advanced level, this course explores various aspects of the field of teaching applied music. The course will explore available methods and materials and techniques of teaching students at various ages and levels of advancement. It will also focus on various approaches to teaching technique, placing them in a historical context and learning how to apply them to students at various levels of advancement.

MUS-431C. Advanced Applied Music Pedagogy I: Brass. 3 Hours.

At an advanced level, this course explores various aspects of the field of teaching applied music. The course will explore available methods and materials and techniques of teaching students at various ages and levels of advancement. It will also focus on various approaches to teaching technique, placing them in a historical context and learning how to apply them to students at various levels of advancement.

MUS-431D. Advanced Applied Music Pedagogy I: Woodwinds. 3 Hours.

At an advanced level, this course explores various aspects of the field of teaching applied music. The course will explore available methods and materials and techniques of teaching students at various ages and levels of advancement. It will also focus on various approaches to teaching technique, placing them in a historical context and learning how to apply them to students at various levels of advancement.

MUS-431E. Advanced Applied Music Pedagogy: Voice. 3 Hours.

At an advanced level, this course explores various aspects of the field of teaching applied music. The course will explore available methods and materials and techniques of teaching students at various ages and levels of advancement. It will also focus on various approaches to teaching technique, placing them in a historical context and learning how to apply them to students at various levels of advancement.

MUS-431F. Advanced Applied Music Pedagogy I: Percussion. 3 Hours.

At an advanced level, this course explores various aspects of the field of teaching applied music. The course will explore available methods and materials and techniques of teaching students at various ages and levels of advancement. It will also focus on various approaches to teaching technique, placing them in a historical context and learning how to apply them to students at various levels of advancement.

MUS-432A. Advanced Applied Music Pedagogy II: Piano. 2 Hours.

This course builds upon the knowledge gained in Pedagogy I and continues its exploration of advanced topics in applied music pedagogy. These include music learning theories and their application to the teaching of applied music, analysis from a pedagogical point of view of teaching repertoire, and further exploration of technique in relation to teaching students of various levels of advancement. Special emphasis will be placed on the difficult problem of choosing appropriate repertoire for students which challenges the student in terms of his/her musical, technical, and psychological development.

Prerequisite: MUS-431A minimum grade of B.

MUS-432B. Advanced Applied Music Pedagogy II: Strings. 2 Hours.

This course builds upon the knowledge gained in Pedagogy I and continues its exploration of advanced topics in applied music pedagogy. These include music learning theories and their application to the teaching of applied music, analysis from a pedagogical point of view of teaching repertoire, and further exploration of technique in relation to teaching students of various levels of advancement. Special emphasis will be placed on the difficult problem of choosing appropriate repertoire for students which challenges the student in terms of his/her musical, technical, and psychological development.

Prerequisite: MUS-431B minimum grade of B.

MUS-432C. Advanced Applied Music Pedagogy II: Brass. 2 Hours.

This course builds upon the knowledge gained in Pedagogy I and continues its exploration of advanced topics in applied music pedagogy. These include music learning theories and their application to the teaching of applied music, analysis from a pedagogical point of view of teaching repertoire, and further exploration of technique in relation to teaching students of various levels of advancement. Special emphasis will be placed on the difficult problem of choosing appropriate repertoire for students which challenges the student in terms of his/her musical, technical, and psychological development.

Prerequisite: MUS-431C minimum grade of B.

MUS-432D. Advanced Applied Music Pedagogy II:Woodwind. 2 Hours.

This course builds upon the knowledge gained in Pedagogy I and continues its exploration of advanced topics in applied music pedagogy. These include music learning theories and their application to the teaching of applied music, analysis from a pedagogical point of view of teaching repertoire, and further exploration of technique in relation to teaching students of various levels of advancement. Special emphasis will be placed on the difficult problem of choosing appropriate repertoire for students which challenges the student in terms of his/her musical, technical, and psychological development.

Prerequisite: MUS-431D minimum grade of B.

MUS-432E. Advanced Applied Music Pedagogy II: Voice. 2 Hours.

This course builds upon the knowledge gained in Pedagogy I and continues its exploration of advanced topics in applied music pedagogy. These include music learning theories and their application to the teaching of applied music, analysis from a pedagogical point of view of teaching repertoire, and further exploration of technique in relation to teaching students of various levels of advancement. Special emphasis will be placed on the difficult problem of choosing appropriate repertoire for students which challenges the student in terms of his/her musical, technical, and psychological development.

Prerequisite: MUS-431E minimum grade of B.

MUS-432F. Advanced Applied Music Pedagogy II: Percussion. 2 Hours.

This course builds upon the knowledge gained in Pedagogy I and continues its exploration of advanced topics in applied music pedagogy. These include music learning theories and their application to the teaching of applied music, analysis from a pedagogical point of view of teaching repertoire, and further exploration of technique in relation to teaching students of various levels of advancement. Special emphasis will be placed on the difficult problem of choosing appropriate repertoire for students which challenges the student in terms of his/her musical, technical, and psychological development.

Prerequisite: MUS-431F minimum grade of B.

MUS-434A. Instrumental Ensemble:Brass. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor.

MUS-434B. Instrumental Ensemble: Percussion. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor.

MUS-434C. Instrumental Ensemble: Strings. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor.

MUS-434D. Instrumental Ensemble: Woodwinds. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor.

MUS-434E. Instrumental Ensemble: Accompanying. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor.

MUS-434F. Instrumental Ensemble: Piano Ensemble. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor.

MUS-434M. Instrumental Ensemble: Guitar. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor.

MUS-442. World Music. 3 Hours.

A study of world music, cultures and their values, as reflected in the arts; experiencing their music through performance on ethnic instruments, singing and dancing, listening to recordings, map study, with focus on methodology suitable for public school teaching.

MUS-450A. Applied Music: Flute. 0.5 Hours.

Individual study in voice or any instrument for continued development of performing skills and musical artistry: knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability.

MUS-450B. Applied Music: Oboe. 0.5 Hours.

See course description for MUS-450A.

MUS-450C. Applied Music: Clarinet. 0.5 Hours.

See course description for MUS-450A.

MUS-450D. Applied Music: Saxophone. 0.5 Hours.

See course description for MUS-450A.

MUS-450E. Applied Music: Bassoon. 0.5 Hours.

See course description for MUS-450A.

MUS-450F. Applied Music: French Horn. 0.5 Hours.

See course description for MUS-450A.

MUS-450G. Applied Music: Trumpet. 0.5 Hours.

See course description for MUS-450A.

MUS-450H. Applied Music: Euphonium. 0.5 Hours.

See course description for MUS-450A.

MUS-450I. Applied Music: Electronic Keyboard. 0.5 Hours.

See course description for MUS-450A.

MUS-450J. Applied Music: Trombone. 0.5 Hours.

See course description for MUS-450A.

MUS-450K. Applied Music: Tuba. 0.5 Hours.

See course description for MUS-450A.

MUS-450L. Applied Music: Marimba. 0.5 Hours.

See course description for MUS-450A.

MUS-450M. Applied Music: Percussion. 0.5 Hours.

See course description for MUS-450A.

MUS-450N. Applied Music: Snare Drum. 0.5 Hours.

See course description for MUS-450A.

MUS-450O. Applied Music: Jazz Piano. 0.5 Hours.

See course description for MUS-450A.

MUS-450P. Applied Music: Violin. 0.5 Hours.

See course description for MUS-450A.

MUS-450Q. Applied Music: Viola. 0.5 Hours.

See course description for MUS-450A.

MUS-450R. Applied Music: Cello. 0.5 Hours.

See course description for MUS-450A.

MUS-450S. Applied Music: String Bass. 0.5 Hours.

See course description for MUS-450A.

MUS-450T. Applied Music: Guitar. 0.5 Hours.

See course description for MUS-450A.

MUS-450U. Applied Music: Harp. 0.5 Hours.

See course description for MUS-450A.

MUS-450V. Applied Music: Voice. 0.5 Hours.

See course description for MUS-450A.

MUS-450W. Applied Music: Piano. 0.5 Hours.

See course description for MUS-450A.

MUS-450X. Applied Music: Jazz String Bass. 0.5 Hours.

See course description for MUS-450A.

MUS-450Y. Applied Music: Jazz Guitar. 0.5 Hours.

See course description for MUS-450A.

MUS-450Z. Applied Music: Jazz Voice. 0.5 Hours.

See course description for MUS-450A.

MUS-451A. Applied Music: Flute. 1 Hour.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-451B. Applied Music: Oboe. 1 Hour.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-451C. Applied Music: Clarinet. 1 Hour.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-451D. Applied Music: Saxophone. 1 Hour.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-451E. Applied Music: Bassoon. 1 Hour.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-451F. Applied Music: French Horn. 1 Hour.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-451Y. Applied Music: Electric Bass. 1 Hour.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-452A. Applied Music: Flute. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452B. Applied Music: Oboe. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452C. Applied Music: Clarinet. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452D. Applied Music: Saxophone. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452E. Applied Music: Bassoon. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452F. Applied Music: French Horn. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452G. Applied Music: Trumpet. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452H. Applied Music: Euphonium. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452I. Applied Music: Electronic Keyboard. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452J. Applied Music: Trombone. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452K. Applied Music: Tuba. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452L. Applied Music: Marimba. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452M. Applied Music: Percussion. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452N. Applied Music: Snare Drum. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452O. Applied Music: Jazz Piano. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452P. Applied Music: Violin. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452Q. Applied Music: Viola. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452R. Applied Music: Cello. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452S. Applied Music: String Bass. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452T. Applied Music: Guitar. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452U. Applied Music: Harp. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452V. Applied Music: Voice. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452W. Applied Music: Piano. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452X. Applied Music: Jazz String Bass. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452Y. Applied Music: Electric Bass. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-463. Women In Music. 3 Hours.

A study of some of the most notable women composers and musicians from the Middle Ages to the present. Designed both for musicians and non-musicians, the course will focus equally upon aspects of the music of the historical, social and cultural milieu.

MUS-471. Seminar In Music History:Baroque. 3 Hours.

In-depth study of selected topics in the music history and literature of the Baroque. Individual research topics.

MUS-472. Seminar In Music History:Classic Era. 3 Hours.

In-depth study of selected topics in the music history and literature of the Classic era. Individual research topics.

MUS-476A. Theory Seminar: 20th Century Analytical Procedure And Compositional Techniques. 3 Hours.

The purpose of this course is to give the student an opportunity to explore this selected topic in music. Consent of instructor.

MUS-476B. Theory Seminar: Analytical Procedures And Compositional Techniques In Tonal Music. 3 Hours.

The purpose of this course is to give the student an opportunity to explore this selected topic in music. Consent of instructor.

MUS-476C. Theory Seminar: Analytical Procedures And Compositional Techniques In Chromatic Harmony. 3 Hours.

The purpose of this course is to give the student an opportunity to explore this selected topic in music. Consent of instructor.

MUS-480. Graduate Internship In Music. 3 Hours.

Advanced field experience; a practicum in either traditional or non-traditional areas of music. Main responsibility for researching, developing and completing the project lies with the student.

MUS-491. Seminar In Research In Music Education. 3 Hours.

Study of basic reference and research materials in music education and introduction to methods of research appropriate to music education.

MUS-492. Seminar In Administration And Supervision Of School Music. 3 Hours.

Responsibilities of the music supervisor or the music department chairperson in secondary schools, including curriculum development, public relations, program finance and scheduling.

MUS-493. Dynamics Of A Music Curriculum. 3 Hours.

Problems and procedures related to the planning, development, and implementation of a music curriculum for kindergarten through grade twelve, including current trends in music curricula.

MUS-5901. Thesis Hours. 1 Hour.

Guidance of students preparing a thesis, project or recital to fulfill requirements for the Master of Arts in Music.

MUS-5902. Thesis Hours. 2 Hours.

See course description for MUS-5901.

MUS-5903. Thesis Hours. 3 Hours.

See course description for MUS-5901.

Major in Music

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Music for the Bachelor of Music Degree

Emphasis Ia: Vocal Performance

Required Courses

MUS-121	Music Theory I ¹	3
MUS-122	Music Theory II ¹	3
MUS-201	Music Theory III ¹	3
MUS-202	Music Theory IV ¹	3
MUS-124	Sight Singing And Ear Training I	1
MUS-125	Sight Singing And Ear Training II	1
MUS-203	Music Before 1600	3
MUS-204	Music From 1600 Through Beethoven	3
MUS-205	Music After Beethoven	3
MUS-220	Basic Conducting	2
MUS-224	Choral Conducting	2
Applied Music in the major performance area		16
Private study in voice:		
MUS-152V	Applied Music: Voice	
MUS-352V	Applied Music: Voice	

Piano ¹		
MUS-112	Class Piano I	2
MUS-113	Class Piano II	2
MUS-114	Class Piano III	2
(Students may fulfill up to 6 required piano hours with music electives after successfully completing a piano skill placement audition)		
MUS-210	Music Diction For Singers I: Italian And French	2
MUS-211	Music Diction For Singers II: German And English	2
MUS-327D	Repertoire Seminar: Voice	3
MUS-328D	Repertoire Seminar Varies: Voice	3
MUS-331E	Applied Music Pedagogy I: Voice	3
Large Ensemble (minimum) ³		8
MUS-221A	University Chorus	
MUS-222A	Vocal Ensemble: Chamber Singers	
MUS-222C	Vocal Ensemble: Opera Workshop	
MUS-222D	Vocal Ensemble: Music Theater	
Electives		6
Select one of the following in Music Theory:		
MUS-305	Form And Analysis I	
MUS-307	Class Composition	
MUS-308	Orchestration	
MUS-398B	Practicum In Music: Computer Music Studio	
Select one of the following in Music History:		
MUS-312	Writing Intensive Program: Beethoven (or dept. approved course)	
or MUS-321D	Writing Intensive Program: Seminar In Music History:Stravinsky	
MUS-250	Junior Recital	1
MUS-341	Senior Recital (or MUS 300)	1
Total Hours		78

- ¹ Music Majors take the following courses concurrently:
- Theory I and II (MUS-121 and MUS-122) are taken concurrently with Class Piano I and II (MUS-112 and MUS-113).
 - Students with piano skill may audition for advanced placement.
 - Theory III and IV (MUS-201 and MUS-202) are taken concurrently with Sight Singing and Ear Training I and II (MUS-124 and MUS-125).
- ² At least eight credit hours
- ³ Students must select at least 4 credits from MUS-221A or MUS-222A and 4 credits from MUS-222C or MUS-222D.

Vocal performance majors must also take:

Required Courses

Foreign Language		6
Two courses selected from FREN-101 or ITAL-101 (satisfies two General Education requirements)		
Total Hours		6

Emphasis Ib: Instrumental Performance

Required Courses

MUS-121	Music Theory I ¹	3
MUS-122	Music Theory II ¹	3
MUS-201	Music Theory III ¹	3
MUS-202	Music Theory IV ¹	3
MUS-124	Sight Singing And Ear Training I	1
MUS-125	Sight Singing And Ear Training II	1
MUS-308	Orchestration	3
MUS-203	Music Before 1600	3
MUS-204	Music From 1600 Through Beethoven	3
MUS-205	Music After Beethoven	3

MUS-220	Basic Conducting	2
MUS-223	Instrumental Conducting	2
Applied Music in the major performance area - Private study in an instrument:		16
MUS 152 (A-Z EXCEPT V)		
MUS 352 (A-Z EXCEPT V)		
Piano		6
MUS-112	Class Piano I	
MUS-113	Class Piano II	
MUS-114	Class Piano III	
Piano majors do not take Class Piano - (Students may fulfill up to 6 required piano hours with music electives after successfully completing a piano skill placement audition).		
MUS 327 (A,B,C,F, or G) Repertoire Seminar		3
MUS 328 (A,B,C,F, or G) Repertoire Seminar		3
MUS 331 (A, B, C, D, or F) Applied Music Pedagogy I		3
Large Ensemble - Select a minimum of 8 hours from the following:		8
MUS-231	Band	
MUS-226	Orchestra	
MUS-234E	Instrumental Ensemble: Accompanying (piano)	
MUS-234M	Instrumental Ensemble: Guitar	
Small Ensemble (see selected list in department)		5
Electives - Select one of the following:		6
Music Theory:		
MUS-305	Form And Analysis I	
MUS-307	Class Composition	
MUS-398B	Practicum In Music: Computer Music Studio	
Music History:		
MUS-312	Writing Intensive Program: Beethoven (or dept. approved course)	
or MUS-321D	Writing Intensive Program: Seminar In Music History:Stravinsky	
MUS-250	Junior Recital	1
MUS-341	Senior Recital (or MUS 300)	1
Total Hours		82

- ¹ Music Majors take the following courses concurrently:
- Theory I and II (MUS-121 and MUS-122) are taken concurrently with Class Piano I and II (MUS-112 and MUS-113).
 - Students with piano skill may audition for advanced placement.
 - Theory III and IV (MUS-201 and MUS-202) are taken concurrently with Sight Singing and Ear Training I and II (MUS-124 and MUS-125).

- ² Piano Majors must replace MUS-112, MUS-113 and MUS-114 with MUS-331A, and a 3 credit Elective

Junior and Senior Recitals: Students must select a committee of two music faculty in conjunction with their applied teacher (a total of three members). Students must pass a hearing before the recital is presented, prepare approved program notes, and receive a passing grade by the committee at the conclusion of the recital.

Students must perform a minimum of 30 minutes of music for a junior recital and 50 minutes of music for a senior recital.

Emphasis II a: K-12 Music Education: Vocal

Required Courses

MUS-121	Music Theory I ¹	3
MUS-122	Music Theory II ¹	3
MUS-201	Music Theory III ¹	3
MUS-202	Music Theory IV ¹	3
MUS-124	Sight Singing And Ear Training I	1
MUS-125	Sight Singing And Ear Training II	1
MUS-203	Music Before 1600	3
MUS-204	Music From 1600 Through Beethoven	3

MUS-205	Music After Beethoven	3
MUS-220	Basic Conducting	2
MUS-224	Choral Conducting	2
Applied Music in the major performance area		8
Private study in voice:		
MUS-151V	Applied Music: Voice	
MUS-351V	Applied Music: Voice	
Piano ³		
MUS-112	Class Piano I	2
MUS-113	Class Piano II	2
MUS-114	Class Piano III	2
MUS-106	Orientation To Music Education	1
MUS-210	Music Diction For Singers I: Italian And French	2
MUS-211	Music Diction For Singers II: German And English	2
MUS-331E	Applied Music Pedagogy I: Voice	3
MUS-342	World Music	2
MUS-391	Contemporary Music Education - Grades K-6	3
SCED-303I	Methods And Techniques Of Teaching Music In Secondary School:Instrumental (taken concurrently with MUS-393L)	3
SCED-303V	Methods And Techniques Of Teaching Music In Secondary Schools:Vocal (taken concurrently with MUS-393L)	3
MUS-393L	Clinical Field Experience (See piano proficiency requirement below)	2
Large Ensemble (minimum) ^{4,5}		8
MUS-221A	University Chorus	
MUS-222A	Vocal Ensemble: Chamber Singers	
MUS-222C	Vocal Ensemble: Opera Workshop	
MUS-222D	Vocal Ensemble: Music Theater	
Total Hours		70

- ¹ Music Majors take the following courses concurrently:
- Theory I and II (MUS-121 and MUS-122) are taken concurrently with Class Piano I and II (MUS-112 and MUS-113).
 - Students with piano skill may audition for advanced placement.
 - Theory III and IV (MUS-201 and MUS-202) are taken concurrently with Sight Singing and Ear Training I and II (MUS-124 and MUS-125).

² At least four credit hours

³ Voice Students may fulfill up to 6 required piano hours with music electives after successfully completing a piano skill placement audition. Piano majors will replace Class Piano I, II, and III with 4 credits of MUS-151V Applied Vocal Music studies and 2 credits of music electives after passing a proficiency exam in voice.

⁴ Voice students must select 6 credits from MUS-221A or MUS-222A and 2 credits from MUS-222C or MUS-222D.

⁵ Piano majors must select 6 credits from MUS-221A or MUS-222A, 1 credit from MUS-222C or MUS-222D, and 1 credit of MUS-234E.

SCED-305N	Secondary Student Teaching And Seminar In Music	9
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Students should also consult the Secondary Education and General Education section of this catalog.

Piano Music Education Students:

Piano majors must be proficient in voice to complete the music education program. Students must take applied lessons in voice until they pass the proficiency exam in order to complete the music education degree. The student's program must be approved by the advisor and may extend the time to degree.

NOTE: K-12 Music Education: Majors must obtain departmental approval for admission to student teaching.

Music Education Majors are required to pass the Piano Proficiency Exam prior to enrolling in MUS-393L. The Proficiency Exam is given once each semester. See advisor for schedule.

Upon attaining Junior status Music Education majors must apply for a Music Education Junior Interview. This interview serves as a general review of skill and knowledge applicable to the field of Music Education. The student's progress will be assessed and suggestions for improvement will be made. Contact the Music Education faculty for specific requirements and scheduling.

Emphasis II b: K-12 Music Education: Instrumental

Required Courses

MUS-121	Music Theory I ¹	3
MUS-122	Music Theory II ¹	3
MUS-201	Music Theory III ¹	3
MUS-202	Music Theory IV ¹	3
MUS-124	Sight Singing And Ear Training I	1
MUS-125	Sight Singing And Ear Training II	1
MUS-203	Music Before 1600	3
MUS-204	Music From 1600 Through Beethoven	3
MUS-205	Music After Beethoven	3
MUS-220	Basic Conducting	2
MUS-223	Instrumental Conducting	2
Applied Music in the major performance area		8
Private study on an instrument:		
MUS 151 (A-Z EXCEPT V)		
MUS 351 (A-Z EXCEPT V)		
Piano ³		
MUS-112	Class Piano I ¹	2
MUS-113	Class Piano II ¹	2
(Students may fulfill up to 4 required piano hours with music electives after successfully completing a piano skill placement audition.)		
MUS-110	Class Voice I	2
MUS-106	Orientation To Music Education	1
MUS-308	Orchestration	3
MUS-342	World Music	2
MUS-391	Contemporary Music Education - Grades K-6	3
SCED-303I	Methods And Techniques Of Teaching Music In Secondary School:Instrumental (taken concurrently with MUS-393L)	3
SCED-303V	Methods And Techniques Of Teaching Music In Secondary Schools:Vocal (taken concurrently with MUS-393L)	3
MUS-393L	Clinical Field Experience (See piano proficiency requirement below)	2
Large Ensemble		8
Wind, brass, and percussion students		
MUS-231	Band	
String students		
MUS-226	Orchestra	
Piano majors		
MUS-226 or MUS-231	Orchestra (Select 6 credits) Band	
MUS-234E	Instrumental Ensemble: Accompanying (Select 2 credits)	
Students must play at the college level and pass an audition to participate in the ensembles listed above.		
MUS-115	Instrumental Music Studies Brass Instruments	1
MUS-116	Instrumental Music Studies Percussion Instruments	1
MUS-117	Instrumental Music Studies String Instruments	1
MUS-118	Instrumental Music Studies Woodwind Instruments I (flute/clarinet)	1
MUS-119	Instrumental Music Studies: Woodwind Instruments II (oboe/bassoon/saxophone)	1
Total Hours		71

- 1 Music Majors take the following courses concurrently:
- Theory I and II (MUS-121 and MUS-122) are taken concurrently with Class Piano I and II (MUS-112 and MUS-113).
 - Students with piano skill may audition for advanced placement.
 - Theory III and IV (MUS-201 and MUS-202) are taken concurrently with Sight Singing and Ear Training I and II (MUS-124 and MUS-125).
- 2 At least four credit hours
- 3 Piano majors will replace Class Piano I and II with 4 credits of MUS 151 (A-Z except V) Applied Instrumental Music studies and pass a proficiency exam on a wind, brass, percussion or orchestral string instrument.

SCED-305N

Secondary Student Teaching And Seminar In Music

9

Students should also consult the Secondary Education and General Education section of this catalog.

Piano Music Education Students:

Piano students must be proficient on a band or orchestral instrument to complete the music education program. Students must take applied lessons in a band or orchestral instrument until they pass the proficiency exam in order to complete the music education degree. The student's program must be approved by the advisor and may extend the time to degree.

NOTE: K-12 Music Education: Majors must obtain Departmental approval for admission to student teaching. Music Education Majors are required to pass the Piano Proficiency Exam prior to enrolling in MUS-393L. The Proficiency Exam is given once each semester. See advisor for schedule.

Upon attaining Junior status Music Education majors must apply for a Music Education Junior Interview. This interview serves as a general review of skill and knowledge applicable to the field of Music Education. The student's progress will be assessed and suggestions for improvement will be made. Contact the Music Education faculty for specific requirements and scheduling.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
MUS-106	Orientation To Music Education	1
MUS-112	Class Piano I	2
MUS-121	Music Theory I	3
MUS-151V	Applied Music: Voice	1
MUS-221 or MUS-222		1
100-Level MATH Course		3
ENGL-101	Writing I	3
Term Hours		14

Term 2		Hours
MUS-151V	Applied Music: Voice	1
MUS-113	Class Piano II	2
MUS-122	Music Theory II	3
MUS-203, MUS-204 or MUS-205		3
MUS-221 or MUS-222		1
ENGL-102	Writing II	3
General Education Course		3
Term Hours		16

Second Year

Term 1		Hours
MUS-124	Sight Singing And Ear Training I	1
MUS-114	Class Piano III	2
MUS-201	Music Theory III	3
MUS-210	Music Diction For Singers I: Italian And French	2
MUS-221 or MUS-222		1
MUS-203, MUS-204 or MUS-205		3
MUS-151V	Applied Music: Voice	1
Term Hours		13

Term 2		
MUS-125	Sight Singing And Ear Training II	1
MUS-202	Music Theory IV	3
MUS-203, MUS-204 or MUS-205		3
MUS-211	Music Diction For Singers II: German And English	2
MUS-221 or MUS-222		1
General Education Course		3
MUS-151V	Applied Music: Voice	1
		Term Hours
		14
Third Year		
Term 1		
MUS-220	Basic Conducting	2
MUS-331E	Applied Music Pedagogy I: Voice	3
MUS-391	Contemporary Music Education - Grades K-6	3
MUS-351V	Applied Music: Voice	1
EDFN-305	Philosophical And Historical Foundations Of Public Education	3
General Education Course		3
MUS-221 or MUS-222		1
		Term Hours
		16
Term 2		
MUS-224	Choral Conducting	2
MUS-342	World Music	2
MUS-351V	Applied Music: Voice	1
EDFN-306	Education And Individual Differences	3
MUS-221 or MUS-222		1
General Education Course		3
General Education Course		3
		Term Hours
		15
Fourth Year		
Term 1		
MUS-351V	Applied Music: Voice	1
MUS-221 or MUS-222		1
CMT-101 or CMT-202		3
EDFN-307	Psychology Of Instruction And Learning	3
HLED-107	Health For Effective Living	2
General Education Course		3
		Term Hours
		13
Term 2		
MUS-351V	Applied Music: Voice	1
SCED-311	Writing Intensive Program: School Curriculum	3
MUS-221 or MUS-222		1
General Education Course		3
General Education Course		3
General Education Course		3
		Term Hours
		14
Fifth Year		
Term 1		
SCED-303I	Methods And Techniques Of Teaching Music In Secondary School:Instrumental	3

SCED-303V	Methods And Techniques Of Teaching Music In Secondary Schools:Vocal	3
MUS-393L	Clinical Field Experience	2
MUS-221 or MUS-222		1
General Education Course		3
Term Hours		12
Term 2		
SCED-305N	Secondary Student Teaching And Seminar In Music	9
Term Hours		9
Total Hours:		136

Master of Arts in Music

MASTER OF ARTS IN MUSIC

The Music Department at NEIU offers a Master of Arts in Music degree in Applied Pedagogy. Pedagogy is defined as the art of teaching. This degree prepares students who already have a Bachelor's degree in music for successful 1) college level teaching, 2) in-service elementary and secondary public or private school teaching, 3) or for continuing into doctoral degree work.

REQUIREMENTS OF THE PROGRAM

- Completion of a Bachelors Degree in Music with a minimum GPA of 2.75
- Audition and approval for 400-level in major applied instrument/voice
- Letters of Recommendation about your music background
- Completion of Entrance Placement Exams in music history and music theory, to be completed before the first semester of enrollment.

AUDITION

Approval for the program requires approval by the appropriate applied faculty through an audition in the student's applied area (instrument or voice). 400-level approval is required. If a student is not approved for graduate (400) level, he/she may be asked to enroll at the 300-level as a remedial option and apply for graduate (400) level at the next audition date. This should be done only if the applied faculty believes strongly that the student has potential to attain 400-level in a reasonable amount of time (one or two semesters).

GRADUATE PLACEMENT EXAMS

The Graduate Placement Exams in Music History and Music Theory are required of all music students entering the graduate program. They are given annually before each semester and must be taken by all incoming students. No student will be accepted into the program until these exams are taken. If deficiencies are noted, the deadline for completing remedial course work or removing deficiencies is one year or 18 credits.

STUDENT-AT-LARGE STATUS

A student may enroll as a "student-at-large" while awaiting completion of his/her application approval. Up to nine (9) credit hours may be taken and transferred into the program. Note: A student-at-large is not eligible for a Graduate Tuition Scholarship.

Requirements for the Degree

The following sequences require a total of 34 credit hours, all of which must be earned in 400-level courses or approved 300-level courses. Participation in large or small ensembles for a minimum of three terms is required.

GRADUATE VIRTUAL COMMUNITY

Graduate music students must participate in the Music Department Virtual Community, an online forum where students and faculty share experiences, ideas, and knowledge.

THESIS HOURS (MUS 5901, 5902, 5903 - CREDIT VALUE VARIES)

Thesis Hours is the culminating course for the M.A. degree. This course is generally taken in the third semester of study after MUS 424 Bibliography has been completed. The student's thesis advisor and faculty thesis committee acts as a mentor and guide as the student pursues his/her research. This work will result in a submission and approval of the Thesis Proposal, Thesis Paper, and Lecture Recital (an hour long recital format in which the student lectures, performs/demonstrates the thesis topic).

COMPREHENSIVE EXAM

A comprehensive examination must be taken at the first possible exam date after the thesis paper is submitted and/or the recital is performed. The dates of the exam are concurrent with the Graduate Placement Exams and are offered on the first Friday in the month in August, December, and April. The Comprehensive Exam is a written test that evaluates what the student has learned in his/her area of specialty during graduate study. The test consists of two pedagogical/historical essay questions of which you choose one, and three score identifications. Students are expected to write intelligently about the musical content providing a thorough stylistic analysis and name a composer, probable date of composition, and title of the work. The Comprehensive Exam will be graded on a Pass/Fail basis. (The completed test must reflect a working knowledge of pedagogical craft, historical and theoretical perspective, and a graduate level writing ability).

Applied Music Pedagogy

MUS-424	Music Bibliography And Research	3
MUS 428 (A-G)	Music Repertoire Seminar (2 courses)	6
MUS 431 (A-F)	Advanced Applied Music Pedagogy I	3

MUS 432 (A-F) Advanced Applied Music Pedagogy II	2
Applied Music (400-level)	8
MUS 5901, 5902, 5903 Thesis Seminar (Credit hours vary. Must total 3 credits)	3
Select one of the following in Music History:	3
MUS-312 Writing Intensive Program: Beethoven	
MUS-321D Writing Intensive Program: Seminar In Music History:Stravinsky	
MUS-471 Seminar In Music History:Baroque	
MUS-472 Seminar In Music History:Classic Era	
Select Music Theory:	3
MUS-405 Form and Analysis	
Select the appropriate large ensemble: ¹	3
MUS-411 Vocal Ensemble: Chorus	
MUS-412 Chamber Singers	
MUS-413 Opera Workshop	
MUS-414 Musical Theater	
MUS-423 Band	
MUS-426 Orchestra	
MUS-434E Instrumental Ensemble: Accompanying	
MUS-434F Instrumental Ensemble: Piano Ensemble	
MUS-434M Instrumental Ensemble: Guitar	
<hr/> Total Hours	34

¹ Ensemble Participation: Participation in a large ensemble for a minimum of three terms is required (wind and percussion students enroll in Band; guitar students enroll in Guitar Ensemble; string students [violin, viola, cello, and string bass] enroll in Orchestra; voice students enroll in University Chorus, Opera Workshop, Chamber Singers, or Musical Theater; piano students enroll in Piano Ensemble Four Hands, or Accompanying).

Minor in Dance

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Dance (30 credit hours)

In consultation with the Dance Minor Advisor, the student designs an individualized and appropriately balanced program to meet personal interests and needs.

Students entering the program must demonstrate technical ability and must obtain the advisor's approval for the total program plan. Students must complete 6 hours of DANC-360 and 3 hours of DANC-390E Performance to satisfy dance minor requirements. Students in the Early Childhood Education programs who have selected this minor must complete a minimum of 9 hours at the 300-level to meet graduation and licensure requirements. Some dance classes may be taken more than once. Consult with the Coordinator of Dance for more information.

Dance Ensembles include:

- Repertory Ensemble
- Spanish Dance Ensemble

Resources in Dance

The department sponsors The Ruth Page Dance Series, a professional dance series which showcases diverse styles of dance. Students also have the opportunity to apprentice with professional dance companies. Ensemble Español, the professional company in residence, offers qualified dance students opportunities to participate in intensive workshops throughout the year, and performs on campus regularly. The Department offers the American Spanish Dance Festival each summer with Ensemble Español and international guest artists. Qualified dance students may enroll for credit.

Awards

Scholarships are available to outstanding students in Music and Dance. Undergraduate Talent Scholarships (tuition waivers) in Music and in Dance are awarded through audition. Qualified students must not hold a bachelor's degree. Graduate Scholarships are also available through audition. Complete information is available in the Department.

Minor in Music

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Music (23 credit hours)

In consultation with the Music Minor Advisor, the student designs an individualized and appropriately balanced program to meet personal interests and needs. Courses are selected from the departmental curriculum and may not include MUS-101. Students must obtain the advisor's approval for the total program plan and declare the minor prior to coursework. The curriculum plan must include:

- Music Theory (6 credits),
- Music History (3 credits), and
- Music Technology (3 credits).

Individual applied instruction and ensemble credits may be combined for a maximum of 5 credits. Applied and ensemble credits must be approved by the minor advisor in advance. All music minors must attend a total of 20 concerts sponsored by the Department of Music. A total of five concerts occurring in off-campus venues may be applied to the required 20 if approved in advance by the student's Music Minor Advisor.

Students in the Elementary Education and Early Childhood Education programs who have selected this minor must complete a departmental course of study and a minimum of 9 hours at the 300-level to meet graduation and licensure requirements.

Please see department office to meet with a music minor advisor.

Philosophy

Philosophy, broadly defined, is the systematic inquiry into some of the problems of human existence. These problems are ones which cannot be dealt with by the methods of the sciences, and ones whose structures are based strictly on rational argument. In this sense, the study of philosophy, through the broad humanistic background that it provides, has always been an essential, perhaps the most essential, ingredient of a liberal education.

Development of the abilities to reflect, analyze and think critically, which result from the study of philosophy, enables the student to understand and correlate all the insights garnered from other disciplines. The varied perspectives that philosophy provides, from the fields of religion, ethics, politics and art, guide the student in his or her search for a sound sense of values. At the same time, philosophy adds a distinctive emphasis on questions of meaning, from linguistic expressions to life itself, and calls for justification of claims to knowledge from any source.

The primary goals of the program are to contribute significantly to the liberal education of university students, to prepare majors for advanced studies in their chosen field, and to help students in their various future professional activities by acquainting them with applied philosophy.

- Major in Philosophy (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/philosophy/philosophy>)
- Minor in Philosophy (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/philosophy/minor-philosophy>)

Jeanine Nithirageza, Ph.D., Associate Professor, Chair
 John Casey, Ph.D., Associate Professor
 Alfred Frankowski, Ph.D., Assistant Professor
 Dan Milsky, Ph.D., Associate Professor, Program Coordinator

Affiliate Faculty:

Sophia Mihic, Ph.D., Associate Professor

PHIL-101. Critical Thinking. 3 Hours.

Introduction to the study of persuasive devices, semantic pitfalls, informal fallacies, rational vs. emotional appeals, and the techniques used in evaluating arguments.

PHIL-102. Introduction To Philosophy. 3 Hours.

Introduction to the main problems of philosophy, i.e. knowledge, reality, morality, religion and art.

PHIL-105. Feminist Philosophy. 3 Hours.

Analysis of recent work in feminist theory in order to investigate woman's situation and its foundations in culture, perception and reality.

PHIL-201. Logic I. 3 Hours.

Introductory course in symbolic logic, dealing with propositional calculus, quantification theory and the logic of relations and classes.

PHIL-202. Comparative Religion. 3 Hours.

A comparative study of the main beliefs and practices of early and primal religions, Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity and Islam.

PHIL-210. Writing Intensive Program: Arguing Philosophically. 3 Hours.

For as long as people have reasoned philosophically, they have noticed that there is something about successful arguments which compels any rational listener to either embrace the conclusion or, barring that, to offer equally compelling reasons for rejecting it. Indeed, what makes for a compelling reason is a matter worthy of careful investigation. Compelling reasons come in various forms—from the extremely compelling deductive arguments of formal logic, to the comparatively weak forms of everyday presumptive reasoning. While we will cover some of the former, we will focus our study of philosophical argument on the various forms of non-deductive argument—inductive, presumptive, and defeasible argument. While our aim is to participate in the exploration of argument, our goal will be the decidedly practical one of analyzing actual arguments in ordinary language.

Prerequisite: ENGL-101 minimum grade of C.

PHIL-211. Philosophy Of Religion. 3 Hours.

Philosophical scrutiny of some of the central themes in religion, i.e. the existence of God, the problem of evil, human freedom and immortality, the nature of faith and the role of reason in theology.

PHIL-213. Ethics. 3 Hours.

Introduction to some of the main problems of ethics, including the nature of morality, the meaning of ethical terms, standards for evaluating choices and actions, and the major ideas of important moral philosophers.

PHIL-214. Medical Ethics. 3 Hours.

This course will focus on the ethical dilemmas both doctors and patients confront as practitioners and patients in medicine. We will pay careful attention to the issues of paternalism, voluntary informed consent and personhood and apply these ideas to actual cases.

PHIL-215. Business Ethics. 3 Hours.

Philosophical introduction to the ethical content of some of the current problems confronting the business community, such as the social responsibility of business, poverty and equal rights, the ethical implications of ecology, advertising and consumerism.

PHIL-218. Philosophy Of Sex. 3 Hours.

In this course we will look at a wide range of philosophical topics related to human sexuality-perversion, prostitution gender roles, and sex roles. Along the way will examine the role of power and coercion in sex and we will examine some of the psycho-social implications of sexual violence. The course will have a decidedly normative bent insofar as our analysis and discussion will be conducted through the lens of ethics.

PHIL-222. History Of Ancient Philosophy. 3 Hours.

This course is a critical survey of the development of philosophy in the West from the Presocratics to Plotinus.

Prerequisite: ENGL-101 minimum grade of C.

PHIL-231. History Of Medieval Philosophy. 3 Hours.

Critical survey of the development of philosophy in the West from the rise of Christendom to the dawn of the Renaissance.

PHIL-241. History Of Modern Philosophy. 3 Hours.

A critical survey of the development of philosophy in the West in the seventeenth and eighteenth centuries.

PHIL-247. Phenomenology And Hermeneutics. 3 Hours.

This course will focus directly on the main views and debates in the phenomenological tradition which studies consciousness as experience from the first-person point of view and then look at one of its offshoots, hermeneutics, the study of interpretive practices. The course covers the works of Husserl and Heidegger, Scheler and Derrida, Gadamer and Ricoeur.

PHIL-251. Philosophy Of Art. 3 Hours.

An examination of art and aesthetic experience, including personal, social and political significance. Issues explored may include artistic concepts pertaining to form and content, representation and expression, meaning and truth critical interpretation and evaluation.

PHIL-303. Logic II. 3 Hours.

Study of the theory and development of axiomatic systems, including the problems of definability, completeness and consistency.

Prerequisite: PHIL-201 minimum grade of D.

PHIL-306. Logic III. 3 Hours.

Prerequisite: PHIL-303 minimum grade of D.

PHIL-313. Ethical Theory. 3 Hours.

Study of theories about the meaning and justification of moral judgements: good and bad, right and wrong, human rights, justice, punishment, freedom and responsibility, self-interest, the common good, pleasure and happiness, religion and morality, relativism, subjectivism and scepticism.

PHIL-332. Contemporary Philosophy. 3 Hours.

Critical survey of the salient schools of contemporary philosophy, notably idealism, pragmatism, logical positivism, analytic philosophy, phenomenology and existentialism.

PHIL-333. American Philosophy. 3 Hours.

Intensive study of the trends prevalent in the modern American philosophical scene, notably pragmatism, idealism, naturalism, positivism, philosophical analysis and phenomenology.

PHIL-335. Analytic Philosophy. 3 Hours.

Critical survey of the development of analytic philosophy in the twentieth century.

PHIL-337. Existentialism. 3 Hours.

Intensive study of selected works of existentialist thinkers such as Kierkegaard, Nietzsche, Sartre and Camus.

PHIL-339. Post Modernism. 3 Hours.

This course will examine the rise of modernity as an "age of unrest", and therein delineating the confrontation between contemporary philosophy and the current epoch. To this end, we will assess the precise ways in which modernity has cast itself forward as a historical and epistemological rupture of devastating proportions, one that irrevocably alters our understanding of knowledge, society, power, technology, language, and the question of human experience.

PHIL-341. Metaphysics. 3 Hours.

Systematic analysis of some of the main problems of metaphysics, such as existence, substance and attribute, change and permanence, essence and accident, universals and particulars, mind and body, identity, individuation and causality.

PHIL-342. Topics In Nonwestern Philosophy And Religion. 3 Hours.

A careful examination of a topic in an important nonwestern tradition and/or religious philosophy.

PHIL-343. Religion & Globalization. 3 Hours.

The course will examine the impact on various forms of religious expression of secularization and the resulting marginalization of regional ideological perspectives that are a result of increased globalization. Attention will be given to the roles played by religious nationalism and fundamentalism as they stand in tension with growing ecumenicalism, religious parochial and relativistic pluralism, and the increased growth of alternative religions. Special attention will be given to the philosophical arguments that are employed in support of these conflicting perspectives.

PHIL-344. Buddhism. 3 Hours.

The course will begin with an analysis of Buddhism's origins within Hinduism and the early development of its religious beliefs and philosophical concepts in India. It will continue with an in depth look at its spread throughout Asia and the transformation of its core beliefs and concepts within the main traditions of Theravada, Mahayana, and the Vajrayana. The course will include a study of current global trends, such as the rise of political and social engagement and the impact of Buddhism on western philosophical traditions including existentialism and phenomenology.

PHIL-345. Social And Political Philosophy. 3 Hours.

Systematic investigation of some of the salient issues currently discussed by social and political philosophers, such as the nature and origin of the state, political obligation, justice, human rights, authority, liberty and evaluation of social and political institutions.

PHIL-346. 19 Century Continental Philosophy. 3 Hours.

This course focuses on the development of German Idealism and its relation to Continental Philosophy. Thematically the class will cover topics such as freedom, epistemology, aesthetics, philosophy of history, and politics in the work of Kant, Fichte, Schelling, Hegel, and Marx.

Requirement: One course in the History of Philosophy or permission of instructor.

PHIL-353. Feminism And The Philosophy Of Science. 3 Hours.

Analytic examination of the concept of femininity as found in the biological and social sciences in order to facilitate discussion of the nature of objectivity and scientific investigation.

PHIL-362. Philosophy Of Law. 3 Hours.

In this course, we will engage in an examination of law and legal systems, as well as of the ideas, ideologies, and principles that are at the core of the establishment and interpretation of law. The pervasive presence of law in our lives should encourage us not only to understand it, but to scrutinize its foundations and presuppositions. Toward this end, we will pay special attention to three aspects of philosophy of law: analytic jurisprudence, normative jurisprudence, and critical law theory.

PHIL-364. Critical Race Theory. 3 Hours.

This course begins with the recognition that racism is prevalent in the United States. Critical Race Theorists confront the historical centrality of white supremacy and the complicity of the law in upholding, indeed constructing, racism. Following the challenge to ahistoricism and acontextualism embedded in standard legal practice brought by Critical Legal Theorists, Critical Race Theorists address racism as embedded in U.S. legal structure. We will examine the law's role in the construction and maintenance of social domination and subordination in order to understand and articulate a critical race theoretical approach to the intersections of race, gender, class and the law.

PHIL-365. Environmental Ethics. 3 Hours.

How ought we behave towards nature and what are the implications of human interaction with ecosystems? We will pay special attention to the value of restored nature and whether it is a form of human domination or whether restoration is a legitimate endeavor to be pursued out of moral obligation. We will integrate actual cases into the class in order to flesh out the policy implications of our philosophical commitments.

PHIL-366. Feminist Ethics. 3 Hours.

What is feminism? What is Feminist Ethics? How do feminists differ in their ways of thinking about the good life and acting in the world than a non-feminist? Why do they differ in their understanding of these issues? How should we live our lives in a way that reflects feminist values? These are just some of the questions we will explore in this class. Specifically, we will explore the key concepts of different types of feminist ethics and the ways to apply it to our everyday lives.

PHIL-367. Postcolonialism. 3 Hours.

In this course we will move toward not a postcolonialism that transcends colonialism, but thinking with those who work toward a practice of decolonial thinking. While there have been many empires which have plundered pre-existing cultures and civilizations, modern colonialism did more than extract tribute, goods and wealth from conquered countries. It restructured economies, societies, languages, histories. Thus, while political colonialism is over in many locales, economic and cultural colonialism reverberate within both former colonies and colonizing countries. Postcolonial theorists write from the margins of and in resistance to reverberating colonial cultural productions.

PHIL-368. Multiculturalism. 3 Hours.

The U.S. is mono-cultural in its structural institutions such as the law, along with the way it represents itself. It is multicultural in that it is made up of peoples of many different cultures all of whom have contributed in significant ways to its formation and continued existence. In this class we will explore the difference between ornamental and structural multiculturalism. While liberal multiculturalism ignores asymmetries of power, we are going to take up polycentric multiculturalism, a multiculturalism that recognizes many centers and the racial, gendered, and classed structural framings of our worlds of sense.

PHIL-370. Re-Thinking Race & Gender. 3 Hours.

This intensive summer course runs for ten days over three weeks. It takes up history critically to engage in a concentrated re-thinking of how we learn to see, identify, and inhabit issues of race and gender. Workshops, lectures, and sessions with invited guests will unpack structures and relations of race and gender and the ways they get naturalized. The course is designed for graduates, undergraduates, and teachers, and is cross-listed in the Graduate College and the College of Arts and Sciences. Prereqs: Graduate status or Junior/Senior status in English, Philosophy, Political Science, Sociology, WGS, AFAM, or LGBTQ.

PHIL-371. Theory Of Knowledge. 3 Hours.

Systematic inquiry into the nature of knowledge, with a consideration of such topics as ways of knowing, perception, memory, personal identity, and other minds.

PHIL-373. Advanced Feminist Philosophy. 3 Hours.

Analytic investigation of the latest feminist theory in order to study the development of feminism.

PHIL-375. Philosophy Of Science. 3 Hours.

Examination of some of the main problems currently discussed by philosophers of science, such as the methodology and foundations of empirical science, the meaning and verification of scientific statements, theories, laws, hypotheses and explanations.

PHIL-381. Independent Study In Philosophy. 3 Hours.

Readings, discussions, and reports on a special topic with faculty supervision. Normally open to majors in their junior or senior year.

PHIL-381A. Independent Study In Philosophy. 3 Hours.

Readings, discussions, and reports on a special topic with faculty supervision. Normally open to majors in their junior or senior year.

PHIL-381B. Independent Study In Philosophy. 3 Hours.

Readings, discussions, and reports on a special topic with faculty supervision. Normally open to majors in their junior or senior year.

PHIL-384. Seminar In The Philosophy Of Religion. 3 Hours.

This seminar course examines questions concerning the existence, nature and evidence for the primary and fundamental objects of religious belief. Topics may include the following: 1) Can we demonstrate God's existence? 2) Is faith irrational? 3) Can we know anything about God? 4) Is the existence of evil evidence against the existence of God? 5) Is religion necessary for morality?.

PHIL-385. Seminar In Philosophy Of Mind. 3 Hours.

This course examines the central issues and debates in philosophy of mind from both historical and contemporary perspectives. Topics covered may include theories of the mind's relation to the body (dualism, monism, functionalism, behaviorism, identity theory, eliminative materialism), theories of mental content, free will, personal identity and first-person experience, among others.

PHIL-387. Seminar On Arendt. 3 Hours.

In this course, we will investigate the work of Hannah Arendt on politics, society and political action. Our primary questions will be what does political action require and what can it accomplish? But we will also pay careful attention to how Arendt thinks politics, because she moves with ease between theoretical abstraction and concrete political practice. Our readings will include texts on civil disobedience, the relationship between history and political theory, the meanings of power and violence, colonialism, totalitarian rule during the Third Reich and the Soviet era, and on racial prejudice as political tool.

PHIL-388. Philosophy Of Language Seminar. 3 Hours.

This course focuses on language use and begins with theoretical challenges from both the analytic (Wittgenstein) and continental (Derrida) traditions in philosophy to idealized theories of language, particularly the reference theory of language as well as the idea that language is a pure and formal unity. We will explore strategies of using language to construct consensus through both syntax and semantics, generating commitment to particular and tacit understandings. We will also work on theories of metaphor and performatives to become skilled in articulating practical complexities of language use.

PHIL-389. Foucault Seminar. 3 Hours.

Michel Foucault is and will remain one of the most influential thinkers of the 20th century. His work is influential not only in philosophy, but in history, sociology, gender studies, justice studies, art, and literary theory. We will focus on the shorter works and interviews found in *Dits et Écrits* both because they are often easier to read than the books, and because Foucault presents his philosophical conclusions most succinctly there.

PHIL-390. Classical Political Theory. 3 Hours.

In this course, we will study ancient political thought to gain a critical perspective on the politics and ethical practices of our own time. But to do so is not to bow to the present. This approach guided the Medieval Era's study of classical philosophy and the Modern Age's study of classical history. And thus, to ask what the ancients teach us about ourselves is to ask a question that is both contemporary and traditional. It is also to ask a question that requires respect for antiquity's distinctiveness.

All political philosophy is an inquiry into how we should live and how we should live together and this is especially true for the ancients. Throughout the semester, we will be attentive to how their understandings of these dimensions of human existence are sometimes quite different from our own.

This course will introduce you to some of the dominant texts and concepts of "Western" political thought drawn from the Mediterranean region and originally written in Hebrew, Greek and Latin. Some of our readings will challenge the centrality of these texts--they will force us out of the frame-- and we will take the fact of this centrality in this liberal arts and sciences as a problem for thought and discussion.

PHIL-391. Modern Political Theory. 3 Hours.

Study of the dilemmas of political order that compel the development of modern political philosophy and practice. The course will address the emergence of modern humanism and Machiavelli's republican vision, analyze obligation and the rule of law in the contract tradition represented by Hobbes, Locke and Rousseau, and examine ongoing conflicts between authority and freedom and power and equality that plague the 19th, 20th and now 21st centuries. Additional readings will include works by Marx, Hegel, Wollstonecraft, J.S. Mill, Nietzsche and others.

Major in Philosophy

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Philosophy for the Bachelor of Arts Degree (33 credit hours)

Required Courses

PHIL-201	Logic I	3
PHIL-210	Writing Intensive Program: Arguing Philosophically	3
PHIL-213	Ethics	3
History of Philosophy (2 courses)		6
Contemporary Philosophy (1 course)		3
PHIL 380's: Seminar in Philosophy		3
Electives at the 300-level		6
Additional electives		6
Total Hours		33

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1	Hours
PHIL-213	Ethics 3
General Education/FYE	3
General Education Course	3

2 Major in Philosophy

General Education Course		3
Elective/Minor		3
	Term Hours	15
Term 2		
General Education Course		3
General Education Course		3
Elective/Minor		3
History of Philosophy Course		3
PHIL Elective		3
	Term Hours	15
Second Year		
Term 1		
PHIL-201	Logic I	3
PHIL-210	Writing Intensive Program: Arguing Philosophically	3
General Education Course		3
General Education Course		3
Elective/Minor		3
	Term Hours	15
Term 2		
Elective/Minor		3
General Education Course		3
General Education Course		3
PHIL Elective		3
History of Philosophy Course		3
	Term Hours	15
Third Year		
Term 1		
PHIL-332	Contemporary Philosophy	3
General Education Course		3
Elective/Minor		3
Elective/Minor		3
300-Level PHIL Elective		3
	Term Hours	15
Term 2		
PHIL Seminar Course		3
General Education Course		3
Elective/Minor		3
Elective/Minor		3
Elective/Minor		3
	Term Hours	15
Fourth Year		
Term 1		
300-Level PHIL Elective		3
Elective/Minor		3
Elective/Minor		3
Elective/Minor		3
Elective/Minor		3
	Term Hours	15
Term 2		
PHIL Seminar Course		3
Elective/Minor		3
Elective/Minor		3
Elective/Minor		3
Elective/Minor		3
	Term Hours	15
	Term Hours	15
	Total Hours:	120

Minor in Philosophy

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Philosophy (18 credit hours)

Required Courses

PHIL-213	Ethics	3
History of Philosophy (one course)		3
Elective at the 300-level		3
Additional electives		9
Total Hours		18

Students in the Elementary Education and Early Childhood Education programs who have selected this minor must complete a minimum of 9 hours at the 300-level to meet graduation and certification requirements.

Physics

The Department of Physics offers a program leading to the Bachelor of Science degree. An undergraduate minor is also available.

The goals of the Physics program are to:

1. provide students with a solid foundation in classical and modern physics;
2. develop skills which enable students to enter careers in business, teaching, research, and technology;
3. prepare students for graduate study in physics.

Courses offered at the 100 level are for non-majors, and can be used to fulfill General Education program requirements, and require minimal math preparation.

Students should also be aware of the University requirements for the Bachelor's degree. All students must complete a minimum of 40 semester hours at the 300 level.

All 300-level courses in Physics are offered in the evening.

Facilities available to students include computer workstations, a BEOWULF supercomputer, a scanning tunneling microscope, a wide array of sophisticated electronic, nuclear, and optical instruments, a Mössbauer effect apparatus, a fully equipped cryogenics laboratory, a fully equipped optics laboratory including a Spiricon Laser Beam Analyzer, a vacuum laboratory, and a 14" reflecting telescope. Students are encouraged to undertake independent projects of their own choosing.

Qualified undergraduate majors and minors are eligible to apply for a limited number of tuition waivers, scholarships, and part-time jobs offered. Please contact the Physics advisor for information and application forms.

Newly admitted students-at-large, and all entering freshmen and transfer students who intend to major in physics must consult the Physics advisor or the Physics Department chair before their first registration.

- Major in Physics (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/physics/physics>)
- Minor in Physics (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/physics/minor-physics>)
- Major in Environmental Science (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/physics/environmental-science>)

Paulo Acioli, Ph.D., Professor, Chair

Gregory Anderson, Ph.D., Professor

Paul J. Dolan, Jr., Ph.D., Professor

Orin M. Harris, Ph.D., Assistant Professor

Sudha Srinivas, Ph.D., Professor

PHYS-103. The Universe: Past, Present And Future. 3 Hours.

An introductory-level Astronomy/Astrophysics course for non-science majors requiring no previous college-level science background. The evolution of the universe: Big Bang creation, expansion of the universe, formation, development and properties of stars, endings of the universe; as well as the history of our understanding of the universe from the perspectives of culture, philosophy science. Knowledge of basic algebra skills is assumed.

Prerequisite: (MATH-091 - 499 or MATH-091A - 499Z or NEIU Math Placement Result 02 - 45 or ACT Math 19 - 36 or Accuplacer Elementary Algebra 060 - 084 or Accuplacer College Level Math 020 - 120).

PHYS-104. Energy. 3 Hours.

A course for non-science majors requiring no previous college-level mathematics or science background. Physics and its application to the problems of energy consumption and production are discussed. Topics include the need for nuclear reactors and the implications thereof, the dumping of nuclear waste at sea and alternatives, better energy sources and energy depletion, the motion of pollutants through the environment, and other related topics.

PHYS-108. Physics Concepts For Educators. 4 Hours.

A laboratory oriented course that integrates concepts from geometry, algebra and trigonometry. Central concepts of physics (the laws of mechanics and electricity, the properties of light, atoms and nuclei) and how they are applied in the modern world (rockets, electric motors, optical instruments, automobiles, fuel cells, alternative fuels, stationary i.e. power plant and non-stationary i.e. aircraft, green technology etc.) are investigated. Issues of smart materials, celestial mining, nanotechnology, quantum computing and other contemporary critical technologies may be investigated.

Discussion may include topics and concepts related to robotics, kinematics and dynamics of particles and rigid bodies and electrostatics, electric fields, electric potentials, currents, magnetic fields, wave motion. Basic concepts of geology, meteorology, oceanography and the solar system may be threaded throughout. Course content is aligned to the National Science Teachers Association and the dimensions of the Next Generation of Science Standards. PHYS-108 is linked to MATH-280.

PHYS-110. Physics In Everyday Life. 3 Hours.

A laboratory oriented course for the non-science major. Central concepts of physics (the laws of mechanics and electricity, the properties of light, atoms and nuclei) and how they are applied in the modern world (rockets, electric motors, optical instruments, automobiles, toys, etc.). Knowledge of basic algebra skills is assumed. Lecture 2 hours, lab 2 hours.

Prerequisite: (MATH-092 - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

PHYS-200. Introduction To College Physics. 3 Hours.

Prerequisite: MATH-106 minimum grade of D.

PHYS-201. College Physics I. 3 Hours.

Kinematics and dynamics of particles and rigid bodies: Newton's laws, energy, momentum and angular momentum. Physics of fluids, vibration and sound. Heat and thermodynamics.

Prerequisite: MATH-185 minimum grade of D or MATH-106 minimum grade of D.

PHYS-202. College Physics II. 3 Hours.

Electrostatics, Coulomb's law, electric fields, electric potentials, currents, Ohm's law, magnetism, magnetic fields, the forces on or due to moving charges, induction, electromagnetic radiation, wave motion, physical and geometrical optics.

Prerequisite: PHYS-201 minimum grade of D.

PHYS-203. Physics I Laboratory. 1 Hour.

Laboratory course covering the subject matter of Physic I, and meant to be taken concurrently.

PHYS-204. Physics II Laboratory. 1 Hour.

Laboratory course covering the subject matter of Physic II, and meant to be taken concurrently.

PHYS-206. University Physics I. 3 Hours.

This is the first term of a three-term sequence intended for students majoring in physics, chemistry, or mathematics, PHYS-206, PHYS-207, PHYS-215. kinematics and dynamics of a particle and systems of particles, momentum, energy, angular momentum, conservation laws, applications to problems involving collisions, oscillatory motion and motion in a gravitational field, rigid body motion, temperature, heat, the laws of thermodynamics, application to thermodynamic engines and ideal gases are discussed.

Prerequisite: (MATH-107 minimum grade of D or MATH-187 minimum grade of D).

PHYS-206L. University Physics I With Lab. 5 Hours.

This is the first term of a two-term calculus based lecture and laboratory sequence intended for students majoring in physics, biology, chemistry, earth science or mathematics, PHYS-206L and PHYS-207L. Kinematics and dynamics of a particle and systems of particles, momentum, energy, angular momentum, conservation laws, applications to problems involving collisions, oscillatory motion and motion in a gravitational field, rigid body motion, temperature, heat, the laws of thermodynamics, application to thermodynamic engines, and ideal gases are discussed. Lecture: 3 hrs. Lab: 2 hrs.

Prerequisite: MATH-187 minimum grade of D.

PHYS-207. University Physics II. 3 Hours.

Charges, Coulomb's and Gauss's laws, conductors and dielectrics, Ohm's law, magnetic fields, Ampere's Law, motion of charges in magnetic field, Faraday's law, inductance, simple L.R.C. circuits, magnetic properties of matter, electromagnetic waves, kinematics of wave motion, reflection, interference and diffraction.

Prerequisite: PHYS-206 minimum grade of D.

PHYS-207L. University Physics II With Lab. 5 Hours.

This is the second course of a two-term calculus based lecture and laboratory sequence intended for students majoring in physics, biology, chemistry, earth science or mathematics. Charges, Coulomb's and Gauss's laws, conductors and dielectrics, Ohm's law, magnetic fields, Ampere's law, motion of charges in a magnetic field, Faraday's law, inductance, simple L.R.C. circuits, magnetic properties of matter, electromagnetic waves, kinematics of wave motion, reflection, refraction, interference, and diffraction are discussed. Lecture: 3 hrs. Lab: 2 hrs.

Prerequisites: PHYS-201 minimum grade of C and MATH-187 minimum grade of C or (PHYS-206 minimum grade of C or PHYS-206L minimum grade of C).

PHYS-211. Physics I Seminar. 1 Hour.

Enrichment Seminar accompanying PHYS-201 or PHYS-206. Students do problem solving in collaborative groups on material derived from and supplementing University Physics I or College Physics I to gain a deeper understanding of concepts and applications.

PHYS-212. Physics II Seminar. 1 Hour.

Enrichment Seminar accompanying PHYS-202 or PHYS-207. Students do problem solving in collaborative groups on material derived from and supplementing University Physics II or College Physics II to gain a deeper understanding of concepts and applications.

PHYS-215. Physics III. 4 Hours.

Introduction to the physics of the twentieth century, including application to related fields such as biology, chemistry, earth science, and engineering. Fundamental concepts of special relativity, quantum mechanics, and statistical physics as applied to atomic, molecular, nuclear and solid state physics.

Prerequisite: PHYS-202 minimum grade of D or PHYS-207 minimum grade of D.

PHYS-301. Independent Study In Physics. 1 Hour.

Research, laboratory work, study or tutorial in a specific area of physics under faculty supervision.

PHYS-302. Independent Study In Physics. 2 Hours.

(See PHYS-301 for description.).

PHYS-303. Independent Study In Physics. 3 Hours.

(See PHYS-301 for description.).

PHYS-304. Physics For Elementary School Teachers I. 3 Hours.**PHYS-305. Modern Physics I. 3 Hours.**

This course covers the advances made in the discipline of physics during the first half of the twentieth century that continue to drive the technologies we use today. Topics that will be covered include an introduction to the theory of relativity, elementary quantum theory, and its applications to atomic, molecular and nuclear physics.

Prerequisite: PHYS-207 minimum grade of C or PHYS-202 minimum grade of C.

PHYS-306A. Modern Physics II. 3 Hours.

Modern Physics II is the second part of a two course sequence covering advances made in physics during the twentieth century. This content includes aspects of the general theory of relativity, cosmology, thermal physics, and applications of elementary quantum theory to atomic physics, molecular physics, nuclear physics, particle physics and condensed matter physics. Prerequisites: PHYS-305: Modern Physics I.

Prerequisite: PHYS-305 minimum grade of D.

PHYS-307. Writing Intensive Program: Modern Physics Lab. 3 Hours.

An introduction to intermediate-level experimental methods, scientific writing, and investigations which provided the experimental foundation for the major revolutions in 20th century physics. Students will perform classic modern physics experiments which demonstrate quantization in nature, wave particle duality, and the properties and interactions of fundamental particles. Students will present written results of their investigations in a variety of formats common in the discipline.

Prerequisites: ENGL-101 minimum grade of C and PHYS-305 minimum grade of C.

PHYS-308. Introductory Mathematical Physics. 3 Hours.

Vector and tensor analysis, matrices and matrix algebra, ordinary differential equations with constant coefficients; Fourier series, introduction to complex variables.

Prerequisites: MATH-203 minimum grade of D and PHYS-207 minimum grade of D.

PHYS-309. Fortran And Numerical Analysis For Scientists. 3 Hours.

Introduction to the use of computers in solving scientific problems; Fortran programming is described and applied to several fundamental problems.

Prerequisite: MATH-202 minimum grade of D.

PHYS-311. Mechanics I. 3 Hours.

Statics of particles and rigid bodies, kinematics and dynamics of particles (including damped and forced harmonic oscillators), work and energy, linear and angular momentum, conservation laws, dynamics of rigid bodies, introduction to special relativity.

Prerequisite: PHYS-308 minimum grade of D.

PHYS-321. Electricity And Magnetism I. 3 Hours.

Coulomb's law, electric fields and electrostatic potential, Gauss's law, Poisson's equation, capacitance, dielectric media, current density, simple circuits, magnetic fields, Lorentz force, magnetic media, induction, Ampere's law, inductance, Maxwell's equations.

Prerequisite: PHYS-308 minimum grade of D.

PHYS-324. Advanced Classical Physics. 3 Hours.

Introduction to advanced topics in classical physics in preparation for the study of modern physics. Topics include the Lagrangian Formalism of classical mechanics and its application to the theories of planetary motion, small oscillations, rigid body mechanics; Maxwell's equations, radiation and propagation of electromagnetic waves, the theory of special relativity.

Prerequisite: PHYS-311 minimum grade of D.

PHYS-330. Intermediate Physics Laboratory. 3 Hours.

An introduction to scientific measurement procedures, with special attention paid to the examination of error and uncertainty and to certain widely used experimental techniques and their application. Techniques used include those in optics, electronics and atomic, solid state and nuclear physics. Experiments are chosen according to the individual student's needs and interests. This course may be taken up to three times.

PHYS-331. Optics. 4 Hours.

The fundamental principle of geometrical and physical optics and their application to the design of modern instruments as well as atomic spectra, properties of photos and lasers. Principles discussed in the lecture will be explored in various lab exercises. Lecture 2 hours, Lab 4 hours.

Prerequisites: PHYS-204 minimum grade of D and (PHYS-202 minimum grade of D or PHYS-207 minimum grade of D).

PHYS-332. Electronics. 4 Hours.

Laboratory and lecture covering both the basic structure of various electronic components, and their use and behavior in circuits. The course begins with linear elements, such as resistors, inductors and capacitors and proceeds through various semiconductor devices, diodes, transistors and operational amplifiers and culminates with the structure and use of logic circuits. Major emphasis is placed on laboratory work where the properties and interactions of various circuits are investigated. Lecture 2 hours, lab 4 hours.

Prerequisite: PHYS-204 minimum grade of D.

PHYS-333. Vibration And Sound. 3 Hours.

Prerequisites: (PHYS-201 minimum grade of D or PHYS-206 minimum grade of D) and PHYS-203 minimum grade of D.

PHYS-335. Thermodynamics And Kinetic Theory. 3 Hours.

Thermodynamic systems; pressure and temperature; ideal gas laws; heat, work and energy; entropy; kinetic theory.

Prerequisites: PHYS-206 minimum grade of D and MATH-202 minimum grade of D.

PHYS-336. Quantum Mechanics. 3 Hours.

This course provides an introduction to Quantum Mechanics and is intended for physics majors/minors, and math or chemistry majors. The knowledge base covered is an essential foundation for students seeking to understand physical phenomenon at a microscopic level where particles are governed by the laws of quantum physics. The statistical formulation of quantum mechanics is introduced and the Schrodinger equation applied to problems in quantum mechanics including the hydrogen atom and many-particle systems.

Prerequisite: PHYS-215 minimum grade of C.

PHYS-337. Modern Physics Laboratory. 2 Hours.

A series of experiments chosen according to each student's needs and interests in the fields of optics, electronics and atomic, nuclear and solid state physics.

PHYS-338. Quantum Mechanics II. 3 Hours.

This second course in quantum mechanics is intended for Physics majors who seek to build a solid background in the applications of quantum mechanics. It builds on the foundations introduced in Quantum Mechanics and covers applications of exact and approximate methods in quantum mechanics to real physical systems.

Prerequisite: PHYS-336 minimum grade of C.

PHYS-344. Introduction To Solid State Physics. 3 Hours.

Crystal structure, crystal bonding, thermal properties of solids, dielectric properties, free electron model of metals, band theory of solids, magnetism, superconductivity, current applications.

Prerequisite: PHYS-336 minimum grade of D.

PHYS-350. Field Experiences In Physics. 3 Hours.

Practical experience in industrial or government physics laboratories under the joint supervision of the department and the laboratory. There are six hours of field experience required per week. This course may be taken up to three times.

PHYS-361. Materials I:Structural, Mechanical And Thermal Properties. 3 Hours.

An introductory course on the properties of materials for students in all areas of science and technology. Topics include structural, thermal and mechanical properties of metals, alloys, ceramics and plastics, and their explanation in terms of molecular and atomic properties. Lecture 2 hours, lab 2 hours.

Prerequisite: PHYS-215 minimum grade of D.

PHYS-362. Materials II:Electric And Optical Properties. 3 Hours.

Companion course to Material I with primary emphasis on the electronic properties of materials and their industrial use. Topics include conductors, semiconductors, superconductors, ferromagnetism and ferroelectricity, optical and infra-red properties. Lecture 2 hours, lab 2 hours.

Prerequisites: PHYS-202 minimum grade of D and MATH-202 minimum grade of D.

PHYS-363. Mechanical Design And Machine Shop Practice I. 3 Hours.**PHYS-365. Microprocessor Electronics. 4 Hours.**

The course acquaints the students with the basics of microprocessor technology, both from the point of view of understanding the theory of operation, and in learning to program and use these devices to accomplish a given task. The Motorola 6800 is the principal example, and each student has access to a microprocessor trainer for practical lab experiences. Interfacing microprocessors to each other and to the outside world is included, and the course culminates with each student completing a major interfacing project. Lecture 2 hours, lab 4 hours.

PHYS-366. Communication Electronics. 3 Hours.

The course covers tuned circuits, radio frequency amplifiers, intermediate frequency amplifiers, cavity resonators and U.H.F. amplifiers, modulation, detection, R.F. power amplifiers, transmitters, transmission lines, antennas, television and special topics in communication electronics, including digital methods and telemetry. Lecture 2 hours, lab 2 hours.

Prerequisite: PHYS-332 minimum grade of D.

PHYS-367. Transducer And Special Purpose Electronics. 4 Hours.

Lecture and laboratory on the characteristics of devices which convert physical quantities such as heat, light, motion and sound into electrical signal. This includes both the practical aspects of using such devices and the intrinsic physical properties which make their use possible. Sensors used include thermistors, thermopiles, microphones, solar cells, and piezoelectric/ pyroelectric films. The course culminates with each student doing a major project, which may include computer interfacing to the transducers. Lecture 2 hours, lab 4 hours.

PHYS-369. Instrumentation Electronics. 4 Hours.

Lecture and laboratory course on the properties and uses of electronic scientific instruments used in making physical measurements, including computer interfacing. The instruments are studied from input transducer to final output. A major emphasis is placed on laboratory work, where actual instrumentation circuits are built and tested. The course culminates with each student building an actual scientific instrument. Lecture 2 hours, Lab 4 hours.

PHYS-391. Astrophysics. 3 Hours.

An introduction to such topics in astrophysics as the formation, structure, evolution, and death of planets, stars, clusters, galaxies, the universe (Big Bang), and other edoteric objects such as black holes, neutron stars and quasars. Significant applications of physics and mathematics is assumed.

PHYS-392. Beyond The Cosmos' Creation. 3 Hours.

Modern theories for the development of the universe from the Planck Time through the Radiation era and Matter era, to the possible end scenerios, as well as pertinent experimental evidence; Hubble's Law; the Big Bang; the inflationary Big Bang; the evolution of the universe with time and temperature; is the universe open or cloed; Dark Mass?; current developments.

Prerequisites: PHYS-215 minimum grade of D and PHYS-311 minimum grade of D.

PHYS-400. Introduction To Quantum Mechanics. 3 Hours.**PHYS-401. Advanced Experimental Physics. 3 Hours.****PHYS-402. Atomic Physics. 3 Hours.****PHYS-403. Solid State Physics. 3 Hours.****PHYS-404. Advanced Electronics For Scientists. 3 Hours.**

Prerequisite: PHYS-393 minimum grade of D.

PHYS-405. Elementary Particles. 3 Hours.**PHYS-406. Statistical Mechanics. 3 Hours.****PHYS-407. Relativity And Gravitation. 3 Hours.****PHYS-408. Independent Study In Physics. 3 Hours.****PHYS-409. Thesis Seminar-Physics. 6 Hours.****PHYS-410. Electrodynamics. 3 Hours.**

Prerequisite: PHYS-323 minimum grade of D.

PHYS-411. Classical Dynamics. 3 Hours.

Prerequisite: PHYS-312 minimum grade of D.

Major in Physics

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Physics for the Bachelors of Science Degree

Required Courses

PHYS-206L	University Physics I With Lab	5
PHYS-207L	University Physics II With Lab	5
PHYS-305	Modern Physics I	3
PHYS-306A	Modern Physics II	3
PHYS-307	Writing Intensive Program: Modern Physics Lab	3
PHYS-308	Introductory Mathematical Physics	3
PHYS-311	Mechanics I	3
PHYS-321	Electricity And Magnetism I	3
PHYS-330	Intermediate Physics Laboratory	3
PHYS-335	Thermodynamics And Kinetic Theory	3
PHYS-336	Quantum Mechanics	3
Electives (300-level, take any two)		6
PHYS-324	Advanced Classical Physics	
PHYS-331	Optics	
PHYS-332	Electronics	
PHYS-338	Quantum Mechanics II	

PHYS-344	Introduction To Solid State Physics	
PHYS-361	Materials I:Structural, Mechanical And Thermal Properties	
PHYS-362	Materials II:Electric And Optical Properties	
PHYS-391	Astrophysics	
PHYS-392	Beyond The Cosmos' Creation	

Total Hours		43
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Required Mathematics Courses

MATH-187	Calculus I	4
MATH-202	Calculus II	4
MATH-203	Calculus III	4
MATH-301	Ordinary Differential Equations I	3

Total Hours		15
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Cognate Electives

Select three of the following: ¹		9-13
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CHEM-211	General Chemistry I	
CHEM-212	General Chemistry II	
CS-200	Programming I	
CS-207	Programming II	
CS-334	Open Source Systems	
BIO-201	General Biology I	
BIO-202	General Biology II	
BIO-301	Cell Biology	
BIO-311	History of Science	
ENVI-301	Field Methods In Environmental Science	
ESCI-207	Global Climate And Weather	
ESCI-211	Physical Geology	
ESCI-306	Writing Intensive Program: Rocks And Minerals	
ESCI-312	Historical Geology	
ESCI-337	Principles Of Hydrogeology	
MATH-253	Linear Algebra I	
MATH-302	Ordinary Differential Equations II	
MATH-303	Partial Differential Equations	
MATH-304	Introduction To Numerical Analysis	
MATH-305	Probability And Statistics	
MATH-328	Complex Variables	
MATH-340	Computing For Mathematicians	

Total Hours		9-13
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¹ These electives must be chosen from at least two different departments.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
MATH-187	Calculus I	4
PHYS-206L	University Physics I With Lab	5
General Education-Humanities		3
General Education-Fine Arts		3
Term Hours		15
Term 2		
MATH-202	Calculus II	4

PHYS-207L	University Physics II With Lab	5
CS-200	Programming I	3
General Education-Social/Behavioral		3
	Term Hours	15
Second Year		
Term 1		
MATH-203	Calculus III	4
PHYS-305	Modern Physics I	3
MATH-253	Linear Algebra I	3
General Education-Fine Arts		3
	Term Hours	13
Term 2		
PHYS-306A	Modern Physics II	3
PHYS-335	Thermodynamics And Kinetic Theory	3
300-Level PHYS Elective		3
MATH-301	Ordinary Differential Equations I	3
	Term Hours	12
Third Year		
Term 1		
PHYS-311	Mechanics I	3
PHYS-321	Electricity And Magnetism I	3
General Education-Social/Behavioral		3
300-Level PHYS Elective		3
	Term Hours	12
Term 2		
PHYS-308	Introductory Mathematical Physics	3
PHYS-307	Writing Intensive Program: Modern Physics Lab	3
CHEM-211	General Chemistry I	5
General Education-Social/Behavioral		3
300-Level PHYS Elective		3
	Term Hours	17
Fourth Year		
Term 1		
PHYS-336	Quantum Mechanics	3
PHYS-330	Intermediate Physics Laboratory	3
300-Level PHYS Elective		3
General Education-Humanities		3
	Term Hours	12
Term 2		
300-Level PHYS Electives		3
PHYS-335 ^{if not completed in year 2}	Thermodynamics And Kinetic Theory	3
General Education-Humanities		3
General Education-Social/Behavioral		3
	Term Hours	12
	Total Hours:	108

Minor in Physics

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Physics

Required Courses

PHYS-206L	University Physics I With Lab	5
PHYS-207L	University Physics II With Lab	5
PHYS-305	Modern Physics I	3
PHYS-306A	Modern Physics II	3
Two 300-level physics courses	<small>in consultation with advisor</small>	6
Total Hours		22

Environmental Science

Environmental science integrates a wide range of scientific disciplines necessary to understand the environment and the many interactions among its components. These interactions include the impact of human activities on the environment and the impact of the environment on humans.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Environmental Science

The interdisciplinary Environmental Science major requires a total of 79-82 credits through the following coursework.

Required courses

ENVI-101	Introduction To Environmental Science	3
ENVI-301	Field Methods In Environmental Science	3
ENVI-390	Environmental Science Research & Practice	4

STEM core

Biology		
BIO-150	Essential Skills For Biologists	2
BIO-201	General Biology I	4
BIO-202	General Biology II	4
Chemistry		
CHEM-211	General Chemistry I	5
CHEM-212	General Chemistry II	4
Earth Science		

ESCI-207	Global Climate And Weather	4
ESCI-211	Physical Geology	4
Physics		
PHYS-206L	University Physics I With Lab	5
PHYS-207L	University Physics II With Lab	5
Mathematics		
MATH-187	Calculus I	4
MATH-275	Applied And Computational Statistics	4
Electives (5 from BIO, CHEM, ESCI, PHYS) ^{in consultation with advisor}		17-20
Social Sciences/Policy/Humanities		
GES-319	Environmental & Natural Resources Policy	3
Electives (2 from Social Science/Humanities) ^{in consultation with advisor}		6
Total Hours		81-84

Paulo Acioli, Professor, Departments of Earth Science and Physics, Chair
 Greg Anderson, Professor, Department of Physics
 Pamela Geddes, Associate Professor, Department of Biology
 Jean Hemzacek, Instructor, Department of Earth Science
 John Kasmer, Associate Professor, Department of Biology
 Kenneth Nicholson, Associate Professor, Department of Chemistry
 Laura Sanders, Professor, Department of Earth Science
 Kenneth Voglesonger, Associate Professor, Department of Earth Science

Students will need to take the following three ENVI designated courses in addition to 42 credit hours of STEM core courses, 17-20 credit hours of STEM elective courses, and 9 credit hours of Social Science/Humanities courses, for a program total of 79 to 82 credit hours for a major in Environmental Science.

ENVI-101. Introduction To Environmental Science. 3 Hours.

This course introduces environmental science as the interdisciplinary study of environmental issues related to human impact on the natural environment. The course addresses environmental science literacy and scientific methods through inquiry into and discussion of biogeochemical cycles, ecosystem dynamics, climate change, conventional and renewable energy, resources, and sustainability. Lecture (2 hrs) and laboratory (2 hrs).

Prerequisite: (MATH-091 - 499 or MATH-091A - 499Z or NEIU Math Placement Result 02 - 45 or ACT Math 19 - 36 or Accuplacer Elementary Algebra 060 - 084 or Accuplacer College Level Math 020 - 120).

ENVI-301. Field Methods In Environmental Science. 3 Hours.

This problem-based interdisciplinary course builds on the knowledge and skills acquired in introductory biology, chemistry, earth science, mathematics, and physics. Topics covered include experimental design, sampling, and analytical techniques that are standard to the different scientific disciplines. Students are introduced to interdisciplinary research methods at field sites and develop skills in group collaboration as well as written and oral presentation. Laboratory (6 hrs).

Prerequisites: BIO-202 minimum grade of C and CHEM-212 minimum grade of C and ENVI-101 minimum grade of C and MATH-275 minimum grade of C and (ESCI-121 minimum grade of C or ESCI-211 minimum grade of C).

ENVI-390. Environmental Science Research & Practice. 4 Hours.

This course puts into practice the knowledge and skills acquired by students throughout the Environmental Science Program. Through case studies, literature review, group discussions, and a research project, students apply concepts from the various scientific disciplines. Working in small teams, students conduct practical scientific research on environmental issues relevant to the local, regional or global community.

Requirements: three electives in BIO, CHEM, ESCI, MATH, and/or PHYS; program approval

Prerequisite: ENVI-301 minimum grade of C.

Political Science

Political Science is central to an understanding of all basic social issues; therefore, an understanding of political life is indispensable for any well-educated person. The department currently offers an undergraduate major, a minor in political science, a minor in public administration, and a graduate program leading to the Master of Arts degree.

Areas of political science in which courses are offered include American Politics and Public Affairs; International Relations and Comparative Politics; and Political Theory. Within each area, major themes are explored (e.g., public policy and administration, political values and change, elite-mass relationships, and political parties and groups.)

Students interested in majoring or minoring in political science are urged to register at the departmental office early, to meet with their advisors regularly, to check the current Schedule of Classes each term, and to become well acquainted with the requirements for political science majors or minors. A minor in public administration is also offered. Information is available in the departmental office.

Other students may also be interested in political science courses. The courses, PSCI 210--Introduction to Political Science and PSCI 216--American National Government, can satisfy the Improving Human Relations requirement. These two courses can also be used to fulfill part of the General Education requirement in Social and Behavioral Sciences. PSCI 216 also fulfills the teachers' certification requirement in American government. .

- Major in Political Science (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/political-science/political-science>)
- Minor in Political Science (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/political-science/minor-political-science>)
- Minor in Public Administration (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/political-science/minor-public-administration>)

Graduate Program

Master of Arts in Political Science

Students have two options to choose from to fulfill the master's degree program requirements:

1. Thirty credit hours of course work, a thesis for six credit hours, and an oral examination, or
2. Thirty-six credit hours of course work, a written comprehensive examination, and an oral examination.

A student interested in the thirty credit thesis option must secure approval of the department. Only students who have demonstrated high proficiency in various aspects of graduate studies (writing, discussion, analysis, creativity, etc.) will be permitted to write a thesis.

Requirements for Admission to the Program:

Students must fulfill the requirements for admission to the College of Graduate Studies & Research. (These are set out in the academic catalog in the section "College of Graduate Studies & Research ." Applications may be secured from the office, located in LWH-0006).

Requirements for the Degree:

For students admitted to Master's Programs, all graduate credits must be at the 400 level, except for a limited number of 300 level courses specifically approved for graduate degree credits in a given Master's degree program. Departments may permit students to apply up to three of these 300 level courses, to a maximum of ten credit hours, to fulfill program requirements. This policy applies to all students. **Consult with your program advisor or the College of Graduate Studies & Research for details.**

Students must select one area of emphasis from the following:

- American Politics and Public Affairs
- International and Comparative Politics
- Political Theory

Students are required to take:

PSCI-401	Classics Of Political Science	3
PSCI-402	Research Methods In Political Science ¹	3
Five courses in the area of emphasis, including a 400-level seminar or a thesis seminar.		15
Three courses selected from a second area.		9
Two elective courses from any area of emphasis.		6
Total Hours		36

¹ If possible before graduate seminar courses.

Students should consult with the graduate advisor before taking their courses.

Marshall Thompson, Ph.D., Associate Professor, Chair

William Adler, Ph.D., Assistant Professor

Sangmin Bae, Ph.D., Professor

Russell Benjamin, Ph.D., Professor

Ellen Cannon, Ph.D., Professor

Martyn De Bruyn, Ph.D., Associate Professor

Jeffrey S. Hill, Ph.D., Professor

Sophia Mihic, Ph.D., Professor

Gregory Neddenriep, Ph.D., Associate Professor

PSCI-101. Introduction To Politics. 3 Hours.

PSCI-109. First Year Experience:Civic Engagement, Community And Social Change In Chicago. 3 Hours.

This colloquium is a three-credit course that combines the traditional classroom setting and community service to explore the meaning and interconnection of community, citizenship, politics, diversity, civic engagement and social change. Students enrolled in this course spend time developing their interpersonal and intrapersonal skill (such as, self-awareness, critical thinking and problem-solving skills, leadership skills); become skilled at civic engagement (action strategies and plan, project management, communication, negotiation and teamwork); as well as reading academic literature that examines concepts of democracy, power and justice.

PSCI-210. Introduction To Political Science. 3 Hours.

An introduction to the discipline through an examination of the concepts and skills utilized in the contemporary study of politics. The course provides an overview of political science, including its various sub-fields, and a framework for further study.

PSCI-216. American National Government. 3 Hours.

Description and analysis of national political institutions and processes. Current issues and problems of American government.

PSCI-251. Writing Intensive Program: Comparative Political Systems. 3 Hours.

This course is an introduction to comparative politics. In this course students will study different political systems (democracies, semi-democracies, and authoritarian regimes) by way of selective case studies. Major issues in comparative politics, such as democratization, political culture, political economy, constitutionalism, political leadership, and political parties and elections will be discussed in some detail. Even though this is not a course in American politics, comparisons with the United States will be drawn where appropriate.

Prerequisite: ENGL-101 minimum grade of C.

PSCI-275. Introduction To World Politics. 3 Hours.

General introduction to world politics with emphasis on current issues and events of importance at the international or global level. Basic concepts and methods of political analysis are introduced.

PSCI-291. Concepts Of Political Science. 3 Hours.

Analysis of a number of crucial political concepts, such as equality, justice, political obligation, representation, rights and law.

PSCI-301. Independent Study In Political Science. 3 Hours.

Intensive investigation of a special area of political science or a contemporary political issue.

PSCI-302. Independent Study In Political Science. 2 Hours.

(See PSCI-301 for description.).

PSCI-303. Independent Study In Political Science. 1 Hour.

(See PSCI-301 for description.).

PSCI-304. Field Experience. 3 Hours.

Placement in a government agency, political office or related institution for 8 hours per week. Opportunity for testing classroom concepts and theories, career exploration and the development of problem solving, research and social skill. Meeting arranged.

PSCI-305. Internship I. 6 Hours.

(See description for PSCI-304. Hours in placement increased to 16 hours per week.).

PSCI-306. Internship II. 6 Hours.

(See description for PSCI-304. Hours in placement increased to 16 hours per week.).

PSCI-307O. Topics: Democracy, Responsiveness & Accountability. 3 Hours.

To whom - what interest, whose demands - do elected politicians respond when making policy? In the last thirty years, the number of countries that select their rulers through competitive elections has increased sharply. This class explores the practical implications of ideals like responsiveness and accountability for elected officials, and how these operate in conjunction with the separation of powers, independent judiciaries, political party discipline, pressure from international actors, as well as more base incentives, such as personal ambition and corruption.

Prerequisites: PSCI-210 minimum grade of C and (PSCI-251 minimum grade of C or PSCI-275 minimum grade of C).

PSCI-308. Research Methods And Techniques In Political Science. 3 Hours.

Designed for upper division majors in political science or those intending to undertake graduate study in political science, the course provides an introduction to topics and skills given more intensive and specialized consideration on the graduate level. Topics include an introduction to the various research techniques in political science, with emphasis on developing skills necessary for graduate work in the discipline areas of concentration: development of research designs, identification of appropriate data sources, discussion of alternative methodologies, and data analysis techniques.

Prerequisite: PSCI-210 minimum grade of C or PSCI-216 minimum grade of C or AMER-216 minimum grade of C or PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-275 minimum grade of C or IR-201 minimum grade of C.

PSCI-310. Congress And The Legislative Branch. 3 Hours.

Introduction to the U.S. Congress as a political and legislative body; includes analysis of the committee system, rules and differences between House and Senate; examines problems of representation and executive-legislative relations.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-311. The American Judiciary And The Judicial Process In American Government. 3 Hours.

An analysis of the judicial policy - making process at all levels of the American judiciary with special emphasis on the Supreme Court's role in constitutional development, separation of powers, and the historical and political context of constitutional law doctrines. Critical cases are examined.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-312. American Presidency And The Executive Branch. 3 Hours.

The role of the President and the executive branch in the American governmental system. Contemporary problems of the Presidency and the bureaucracy.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-313. State Government And Politics. 3 Hours.

Examination of political institutions at the state level: governor, legislature, judiciary, constitution, parties, and administration. Analysis of state politics within and outside the institutional framework. Discussion of major problems and functions of state governments today. Emphasis on Illinois government and politics.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-315. Electoral Politics. 3 Hours.

A review of major developments in electoral politics (including political parties and electoral law) and voting behavior in recent years, and an analysis of current elections.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-316. Pressure Groups: Power, Participation And Public Policy. 3 Hours.

Examination of the role of interest groups in political systems, with emphasis on groups in American politics-their membership, organization, activities, goals, and impact on American public policy with special attention on the role of groups as representative agents and their functioning as facilitators or resistors with regard to social change.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-317. Public Opinion, Mass Media And American Politics. 3 Hours.

The role of public opinion in American politics, techniques of polling and survey research, the impact of mass media on opinion and on candidate preferences; introduces concepts of political culture and socialization.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-319. The Politics Of Law. 3 Hours.

Consideration of various definitions of law, the impact of law on the behavior of various actors; the political, social and economic forces which mold law; the influence of the legal system on the various actors within it; and theoretical efforts to explain the relationships of law and society, with emphasis on the trial courts, the organization of the bar, the origin of litigation and the political consequences of lower court involvement in social conflicts.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-320. Constitutional Law. 3 Hours.

The role of the Supreme Court and its impact on the constitutional development of the due process clause, civil liberties, First Amendment freedoms, and the equal protection of the law are traced with particular emphasis on the assessment of the role of the Supreme Court vis-a-vis the states and the national government in protecting and restricting civil liberties.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-321. American Jewish Politics. 3 Hours.

This course will cover: Conceptual frameworks of American Jewish political power, institutions and behavior; multiple theories of modern Jewish politics in America; internal and external advocacy institutions from 1820-present; American Jews and the legal process; American Jews and the Labor Movement; American Jews and Feminist politics; Anti-Semitism and the American Jewish response; American Jewish politics and Israel.

Prerequisite: PSCI-216 minimum grade of C.

PSCI-322. Women And Political Influence In The 21st Century. 3 Hours.

This course will examine the changing influence of women both in the American and global context. Some of the questions we will examine include: What does political influence mean in the 21st century and how does it motivate different women in different contexts and cultures to become politically involved? Do certain policy issues appear to increase women's influence more than others? To what extent has capitalism and global entrepreneurship impacted the influence of women? What structural, political, ideological, military, and educational limitations and barriers do women continue to face? How has the meaning of violence against women altered if at all in the 21st century? Do women with political power work to improve the lives of women or do women continue to see the impact of class, race, and gender irrespective of the increase of women's political influence?.

Prerequisite: PSCI-216 minimum grade of C.

PSCI-323. American Ideologies. 3 Hours.

Exploration of various ideologies that attempt to explain the nature of American society and politics; a discussion of belief systems and value orientations; consideration of diversity and change in a system of fundamental stability; analysis of variants of left and right ideologies.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-325. Public Policy. 3 Hours.

Introduction to the analysis of public policy, including the policy-making institutions and processes; normative and empirical models of policy-making, and case studies of specific public policies.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-326. Educational Policy In America. 3 Hours.

This course examines the politics and policies of education. Education policy encompasses the basic interests and values of society. But in a pluralistic society such as the United States, there is often deep disagreement over those values. Such is the case with education. This course will focus on this struggle with an aim to demonstrate that educational policy is never really about education per se but about politics and struggle over specific interests.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-327. Government And Economy. 3 Hours.

Exploration of the role and purpose of government and market in the American economy; discussion of contemporary issues (e.g., income distribution or government regulation); international comparisons.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-328. Politics Of Poverty. 3 Hours.

This course examines poverty within the context of the American political system. In particular, it examines public policymaking and public policies in regard to poverty, and the historical and political factors that have impacted upon poverty in this nation. This course also includes an examination of theories that have influenced government policies regarding the poor. Finally, it examines recent changes in poverty programs, a discussion of possible alternatives to these programs, and policies regarding payday loans and similar financial practices that impact the working poor.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-329. Minority Politics In The United States. 3 Hours.

This course provides an exploration of the politics of various minority groups in the United States. In a society that is becoming increasingly diverse, it is essential that students gain an appreciation of ethnic, racial, and gender groups in their society. While the course touches upon many groups, the primary focus is upon African Americans, Latinos, and women.

Prerequisite: PSCI-216 minimum grade of C.

PSCI-330. African American Politics and Social Change. 3 Hours.

This course will familiarize students with the political challenges of and strategies employed by African Americans in the United States. The course examines the impacts of these attempts at social and political change. A critical issue is the extent to which black Americans have gained democracy in American society. Additionally, internal black political issues are examined. Further, the American political system itself is examined as part of the global political community.

Prerequisite: PSCI-216 minimum grade of C.

PSCI-331. Latinos & Public Policy. 3 Hours.

This course explores the social, economic and political status of Latinos through a public policy lens. Its goal is to provide a basic understanding of public policies on key issues impacting Latino communities. The course provides a brief history of various Latino populations in the U.S. Most significantly, it provides basic foundations for understanding what public policy is, how it is made, how it affects Latino communities, and how it can be impacted to effect positive change for Latinos.

Prerequisite: PSCI-216 minimum grade of C.

PSCI-332. Latinos & The Law. 3 Hours.

This course critically examines legal topics related to Latinas/os in American society. Students will read and discuss landmark court decisions, law review articles, and chapters from interdisciplinary texts in order to analyze legal doctrines, litigation strategies and the socio-political context in which these legal matters occur. After an initial introductory unit that is heavily historical, we will place a strong emphasis on significant social, political and legal events from the 1940s to the present.

Prerequisite: PSCI-216 minimum grade of C.

PSCI-333. Immigration, Ethnicity, And Citizenship. 3 Hours.

This course is an introduction to the most important political and academic debates surrounding the topic of immigration: How are citizenship and nationhood defined? What is the relationship between ethnicity and citizenship? What comprises our national and ethnic identity? How do our perceptions of citizenship, nationhood, and ethnicity influence each other as well as our outlook on immigration? What are current immigration policies and immigration policy debates in the U.S. and elsewhere? In addressing these questions, this course will explore five major themes: immigration, identity, ethnicity, (trans)nationalism, and citizenship.

Prerequisite: PSCI-210 minimum grade of C or PSCI-216 minimum grade of C.

PSCI-334. Intergovernmental Relations. 3 Hours.

Impact of federalism on policy-making and administration in the American system; focuses on the interaction between federal government and states, metropolitan areas, and cities in the development and implementation of public policy.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-335. Urban Politics. 3 Hours.

Types of urban government and politics; ability of the governmental institutions to meet the demands and respond to the needs of urban areas; community power and control; citizen participation and decentralization of governmental services.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-336. Urban Government Administration. 3 Hours.

Introductory survey of local governmental administration; powers of municipal corporations, special districts and other jurisdictions; taxation, revenue and budgeting, common administrative structures, and institutionalized forms of urban leadership and control.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-338. Chicago Politics. 3 Hours.

The structure of the government of the City of Chicago and its associated politics; the development of the Daley machine and its aftermath with particular focus on the impact of race on contemporary political behavior; including analysis of voting patterns and blocs within the City Council.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-339. Laboratory In Urban Politics. 3 Hours.

First-hand observation of urban governmental organization, political parties, and politically active citizen groups; written and oral reports and class discussion of field observations.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-341. Public Administration. 3 Hours.

Introduction to the role of public bureaucracies in the political system. A general overview of major concepts, processes and problem areas in the field of public administration. Intended for undergraduate students; graduate students seeking a general overview of the field should take PSCI-441.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-344. Writing Intensive Program: Public Organization Theory. 3 Hours.

Review of theories concerning public bureaucracies, their internal functioning and societal roles; analysis of the organizational setting of work and its implications; organizational effectiveness, decision-making, leadership and policy formulation, and change in public organizations. Writing Intensive course.

Prerequisites: (PSCI-216 minimum grade of C or AMER-216 minimum grade of C) and ENGL-101 minimum grade of C.

PSCI-345. Government Budgeting. 3 Hours.

Fiscal policy and budget process: historically changing functions of budgeting-from emphasis on control to managerial effectiveness; reassertion of Congressional authority in 1974 and the new budget cycle; zero-based budgeting; impoundment, transfer payments, and grant-in-aid.

Prerequisite: (PSCI-216 minimum grade of C or AMER-216 minimum grade of C).

PSCI-346. Public Personnel Administration. 3 Hours.

Organization and administration of the personnel function in public bureaucracies; relations of personnel management to operating departments and agencies; the scope of public personnel services; appraisal of policies and practices in selected areas of personnel management, such as selection and training, human relations and motivation.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-347. Disaster Policy & Politics. 3 Hours.

This course focuses on the evolution of U.S. disaster policy and the practice of emergency management, with particular attention to the roles of local governments, public agencies, and nonprofit agencies in disaster management. The course examines the major policy issues, including the utility of the "all-hazards" model of emergency management; the role of all first responders in disaster operations (police, firefighters, physicians, and medical emergency personnel); military, state and local capacity building; and the design and implementation of hazard mitigation policies and programs. Particular attention will be given to nuclear waste leaks, chemical biological and nuclear attacks, and urban wildfires.

Prerequisite: PSCI-216 minimum grade of D.

PSCI-348B. Topics In Public Administration: The Federal Role In American Cities. 3 Hours.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-350. International Relations In Asia. 3 Hours.

The foreign policies of various Asian nations with special attention to the relations among these nations as well as their relations with other areas of the world.

Prerequisite: PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-210 minimum grade of C.

PSCI-351. Government And Politics Of Japan. 3 Hours.

The modern Japanese political system; the relationship between the Japanese people and their institutions, including the interrelationships between the traditional and the modern with emphasis on the structures and processes of Japanese government and politics since World War II.

Prerequisite: PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-210 minimum grade of C.

PSCI-353. Government And Politics Of China. 3 Hours.

The structure and activities of the Chinese Communist party and state communist outlook; ideologies and significant internal and foreign problems.

Prerequisite: PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-210 minimum grade of C.

PSCI-354. Islamic Civilization II: Government And Politics. 3 Hours.

Islam is not only one of the major religions of the world but also a political ideology claiming nearly one billion adherents~ about one-fourth of the entire world population. Its impact on the world within the last 1400 years is so powerful that one cannot study History, Religion, Culture, Politics, Economics and Civilizations without correctly understanding Islam not only as a Religion but also as a force affecting world events.

Prerequisite: PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-210 minimum grade of C.

PSCI-355. The Politics Of Islam. 3 Hours.

Discussion of the religion of Islam and the Islamic political institutions; influence of Islamic political thought and religion on political systems currently operating in major Muslim countries.

Prerequisite: PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-210 minimum grade of C.

PSCI-357. Politics Of The European Union. 3 Hours.

Politics of the European Union is an introduction to the history, the institutions, and the policies of the European Union. Students will discuss topics ranging from theories of integration to economic and social policy and issues of democracy in the EU. Students are required to participate in an EU simulation in which they take on an alter ego and learn first hand how to negotiate through the complex system of EU decision making.

Prerequisite: PSCI-210 minimum grade of C or PSCI-251 minimum grade of C or PSCI-275 minimum grade of C.

PSCI-358. Modern European Governments. 3 Hours.

Comparative study of the politics and governments of several major European nations.

Prerequisite: PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-210 minimum grade of C.

PSCI-360. Politics Of Sub-Saharan Africa. 3 Hours.

Examination and comparison of the politics of selected African states; particular emphasis on traditional heritage, colonial background, ideological setting, political parties, role of the military, governmental structure, and problems of nation building.

Prerequisite: PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-210 minimum grade of C.

PSCI-363. Politics Of The Middle East. 3 Hours.

The impact of the physical environment, the economic conditions, and the historical heritage on the political structures presently operating in the region; analysis of the region in its world context.

Prerequisite: PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-210 minimum grade of C.

PSCI-364. Islamic Civilization I: Political Ideology And Theory. 3 Hours.

This course will provide an in-depth view of Islamic Civilization, its development, its rich heritage, and its effects on the social and political life of societies in several parts of the world.

Prerequisite: PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-210 minimum grade of C.

PSCI-365. Politics And Government Of Mexico, Central America And The Caribbean. 3 Hours.

The political systems in Mexico, Central America, and the Caribbean; comparison of the social, economic and political conditions of each; the strategic importance of this region to the United States.

Prerequisite: PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-210 minimum grade of C.

PSCI-366. Politics And Governments Of South America. 3 Hours.

Examination of the various political systems on the continent of South America with comparisons of social and political institutions of the various countries.

Prerequisite: PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-210 minimum grade of C.

PSCI-367. Government And Politics Of South And North Korea. 3 Hours.

Based on a comparative perspective, this course will focus on the two Koreas' political, economic, military, social, educational and cultural developments since the end of the Second World War in 1945. The two Koreas have had different ideologies and different political systems and both of them, like China and Taiwan, have played and will play an extremely important role in the security of the Asian-Pacific Rim. In other words, whether or not the peace in Asia can be maintained depends on the political wisdom of the top leaders in North and South Korea and in the United States.

Prerequisite: PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-210 minimum grade of C.

PSCI-368. The Politics Of The Soviet And Post-Soviet World. 3 Hours.

Political history of the Soviet period, including the structure and operation of the Soviet Communist Party. Dissolution of the Soviet system, analysis of present transition period and future economic and political prospects for Russia and bordering states.

Prerequisite: PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-210 minimum grade of C.

PSCI-369. Russia In International Politics. 3 Hours.

Analysis of the new Russian state as a leader of the former Soviet states and its former Warsaw Pact allies, tensions and new developments; relations with the United States and with the European Community; Russia as a major actor in global politics.

Prerequisite: PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-210 minimum grade of C.

PSCI-371. Canadian Government & Politics. 3 Hours.

The Canadian political system with analysis of the constitutional development, the structure of government, political parties and pressure groups, problems of regionalism and nationality, questions of foreign policy and relationship with the United States.

Prerequisite: PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-210 minimum grade of C.

PSCI-372. Democracy, Responsiveness, & Accountability. 3 Hours.

In recent decades the number of countries that select their rulers through competitive elections has increased sharply. The performance of many of these regimes, however, raises serious doubts about the extent to which elections guarantee a close correspondence between citizen preferences and policy outputs. This class explores the practical implications of ideals like responsiveness and accountability for elected and appointed officials, and how these operate in conjunction with separation of powers, judiciaries, party discipline, pressure from international actors as well as more base incentives, such as personal ambition and corruption.

Prerequisite: PSCI-210 minimum grade of C or PSCI-251 minimum grade of C or PSCI-275 minimum grade of C.

PSCI-373. Gender And Politics. 3 Hours.

A study of the relationship of gender and gender roles to political attitudes, beliefs and behavior. The nature of political socialization is considered as well as political and economic structures pertinent to gender distinctions. The approach is comparative.

Prerequisite: PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-275 minimum grade of C or IR-201 minimum grade of C or WSP-101 minimum grade of C.

PSCI-375. Contemporary International Relations. 3 Hours.

Basic principles and problems; emphasis on contemporary issues in international political life.

Prerequisite: PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-210 minimum grade of C.

PSCI-376. Principles Of International Relations. 3 Hours.

Content and method of studying international relations; classical and behavioral approaches.

Prerequisite: PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-210 minimum grade of C.

PSCI-377. International Organization: Theory And Practice. 3 Hours.

Evolution of existing theories in the area of worldwide and region-wide cooperation among sovereign states. Survey of writings of recognized scholars, as well as commentaries.

Prerequisite: PSCI-275 minimum grade of C or IR-313 minimum grade of C or PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-210 minimum grade of C.

PSCI-378. International Political Economy. 3 Hours.

This course provides a study of the structure and development of the global political economy. To this end, the course will cover topics including: the structure of the international system, historical and present globalization, international trade policies, exchange-rate policies, and domestic and international institutions. The course is designed to stress theory, in addition to key events and developments in the world economy. We will explore theoretical and substantive explanations found in the international system as well as those found within domestic political-economies.

Prerequisite: PSCI-210 minimum grade of C or PSCI-251 minimum grade of C or PSCI-275 minimum grade of C.

PSCI-379. War And Peace. 3 Hours.

War as a social institution; causes of war and the conditions of peace; prospects and proposals for a peaceful world order.

Prerequisite: PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-210 minimum grade of C or PSCI-251 minimum grade of C or COMP-211 minimum grade of C.

PSCI-380. International Law. 3 Hours.

Evolution of international law from theological statements to modern jurisprudence; ramifications of the state as the single most important international person and its multifaceted activities; case briefing as a method of studying international law.

Prerequisite: PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-210 minimum grade of C.

PSCI-381. International Terrorism. 3 Hours.

Investigation of terrorism, beginning with the problem of definition. Origins and evolution of terrorism as well as motivation and inspirations of those who have embraced terrorism. A selection of terrorist organizations will be studied.

Prerequisite: PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-210 minimum grade of C.

PSCI-383. United States Foreign Policy Since Worldwar II. 3 Hours.

Description and analysis of the important changes in traditional American foreign policy that have occurred since World War II; the international responsibilities that the United State has shouldered as a world power; the political, economic, and social factors that are conditioning and limiting American foreign policy today.

Prerequisite: PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-210 minimum grade of C.

PSCI-384. United States And The World Economy. 3 Hours.

A study of the nature and structure of the world economy and the role played by the U.S. in the post-World War II economy. Topics such as the Bretton Woods System, the Gold Window and flexible exchange rates and their political, social, economic and strategic dimensions.

Prerequisite: PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-210 minimum grade of C or PSCI-251 minimum grade of C or COMP-211 minimum grade of C.

PSCI-386. Globalization & Politics. 3 Hours.

This course provides a conceptual foundation for understanding the intensifying global system and its impacts on politics, economics, cultures, and transnational relations. In particular, the course explores the effects of economic globalization - and political responses to economic globalization - in nations of Latin America, Africa, and Asia; examines the roles and possible reforms of major global financial institutions; extends analysis to the cultural and ideological aspects of globalization; and assesses prospects for transnational cooperation on human rights and for expanded global governance and citizenship.

Prerequisite: PSCI-210 minimum grade of C or PSCI-251 minimum grade of C or PSCI-275 minimum grade of C.

PSCI-388. International Relations In The Middle East. 3 Hours.

Struggles for power and peace in this strategic region of the world; nature and frequency of interactions between the nations of the region and between these nations and the great powers.

Prerequisite: PSCI-275 minimum grade of C or IR-201 minimum grade of C or PSCI-251 minimum grade of C or COMP-211 minimum grade of C or PSCI-210 minimum grade of C.

PSCI-390. Classical Political Theory. 3 Hours.

Analysis of the concept of a political community in terms of obligations, rights, the public interest, the just state, and the just individual. Selected writing of Plato, Aristotle, Sophocles, Aristophanes, Xenophon, and others.

PSCI-391. Modern Political Theory. 3 Hours.

Analysis of the tensions between the individual and society. Concepts of society, natural rights, political obligation, consent, the rule of law, social contract, and revolution examined through selected writings of Machiavelli, Hobbes, Locke, Rousseau, Burke, Mills, Marx and Pateman.

PSCI-392. Writing Intensive Program: Contemporary Political Philosophy. 3 Hours.

State and governance are among the most traditional, and one might think settled, themes in modern political thought. But recent 21st century events have given these themes a new significance. Were these events, and related problems, prefigured in earlier crises of political order? How does "globalism" affect theories of state and governance? Are the liberal democratic and republican traditions able to meet the dilemmas of security and freedom presented by an increasing inter-connectedness among nation-states? To investigate these questions, this course will explore classics on state and governance and also read selected contemporary theories, histories and literary perspectives on political order.

Prerequisite: ENGL-101 minimum grade of C.

PSCI-393. Contemporary Political Analysis. 3 Hours.

Analysis of behavioralism, decision-making theories, quantitative approaches to politics, structural-functionalism, systems theory, game theory, political development theory, and interest group theory.

Prerequisite: PSCI-291 minimum grade of C or THRY-213 minimum grade of C.

PSCI-394A. Selected Political Theorists: Plato. 3 Hours.

PSCI-394B. Selected Political Theorists: Machiavelli. 3 Hours.

PSCI-394C. Selected Political Theorists: Hobbes. 3 Hours.

PSCI-394D. Selected Political Theorists: Locke. 3 Hours.

PSCI-394E. Selected Political Theorists: Rousseau. 3 Hours.

PSCI-394F. Selected Political Theorists: Adam Smith. 3 Hours.

PSCI-394G. Selected Political Theorists: John Stuart Mill. 3 Hours.

PSCI-394H. Selected Political Theorists: Marx. 3 Hours.

PSCI-394I. Selected Political Theorists: John Rawls. 3 Hours.

PSCI-395. Early American Political Thought. 3 Hours.

Topics including the American revolution, the writing of the constitution, and the crisis of the Republic will be examined through selected writings of the following theorists and activists: Winthrop, Adams, Paine, Jefferson, Hamilton, Madison, Calhoun, Stanton, Thoreau, Douglass, Grimke, and Lincoln.

PSCI-396. Jewish Political Thought. 3 Hours.

This course explores the Jewish political tradition, focusing particularly on the concepts of power, sovereignty, and community. Starting from the Biblical text, we will examine how both classical and modern thinkers within the Jewish tradition understood the ways in which power was created, the different meanings of leadership, the idea of national independence, and the ultimate question of belonging within a fragmented political community.

PSCI-397. African Political Thought. 3 Hours.

African political thought is examined through selected writings of important African leaders and writers dealing with political developments in the new states of Africa with particular focus on the problems of African identity (African values versus westernization), African socialism, Pan-Africanism, and the one party state.

PSCI-398. Law And Social Change. 3 Hours.

An assessment of the possibilities and limitations of law as an instrument of social change through an examination of the status of minorities and women, the social control of corporate behavior, and the politics of rights.

Prerequisite: PSCI-216 minimum grade of C or AMER-216 minimum grade of C.

PSCI-399H. Proseminar In Political Theory: Political Concepts Through Literature. 3 Hours.

PSCI-401. Classics Of Political Science. 3 Hours.

An examination of selected classics of the discipline of political science, with a special emphasis on major contributions of the modern era. This course provides students with an opportunity for close analysis of complex works in political science.

PSCI-402. Research Methods In Political Science. 3 Hours.

Introduction to the various techniques in political science with emphasis on developing skills necessary for graduate work in the department. Areas of concentration: development of research designs, identification of appropriate data sources, discussion of alternative methodologies, data analysis techniques.

PSCI-405. Independent Study In Political Science. 3 Hours.

Research and investigation into selected topics and preparation for a research paper(s) under individual faculty guidance.

PSCI-405A. Independent Study In Political Science. 3 Hours.

Research and investigation into selected topics and preparation for a research paper(s) under individual faculty guidance.

PSCI-406. Independent Study In Political Science. 2 Hours.

(See PSCI-405 for description.)

PSCI-407. Independent Study In Political Science. 1 Hour.

(See PSCI-405 for description.)

PSCI-408. Graduate Internship. 3 Hours.

Placement in government agency, voluntary or third-sector organization, advocacy group, political office, or related institution. Opportunity for career-exploration, skill-development, or specialized training. (Hours in placement: 10 per week).

PSCI-412. American Political Elites. 3 Hours.

The nature and impact of elites in the American political system. Readings and discussion will include Plato, Marx, Michels and various contemporary treatments of the nature of American society. Special topics will be covered on the basis of students' particular interest.

PSCI-417. Seminar In Political Behavior. 3 Hours.

Sociological and psychological perspectives in political science; how political attitudes and preferences are formed; comparative political cultures; social and psychological determinants of political cultures; social and psychological determinants of political participation and political decision-making; American voting behavior; discussion of current research in these areas; writing and presentation of seminar papers.

PSCI-420. Religion & Politics In America. 3 Hours.

This course investigates the religious factor in American political life by examining the historical and contemporary effect of religion on political culture, political coalitions, individual political behavior, and public policy. The perspectives of the American founders on the relationship between church and state and the religion clauses in Article IV and the First Amendment will be assessed. We will also look at the major Supreme Court decisions on the meaning of the establishment clause and free exercise clauses in the US Constitution. We will examine the role of the courts in refereeing conflicts over religion in America.

PSCI-421. Congress & The Bureaucracy. 3 Hours.

In this seminar, we will focus on subgovernments in the United States--that is, the administrative agencies, congressional committees, and interest groups associated with a particular policy area. In particular, we will examine the nature of the relationship between congress and regulatory agencies, what congress intended various agencies to do, and whether these agencies generally meet or fail to meet the expectations of congress. We will examine how a bill becomes a law, and then what happens to that law afterwards.

PSCI-424. Law And Equality. 3 Hours.

The course explores how the United States Supreme Court interprets and applies the Equal Protection Clause of the 14th Amendment in situations where a statute or policy contains a classification based race, gender, or sexual orientation. In conjunction with this emphasis on the Court's jurisprudence, other readings will focus on the philosophical underpinnings of the Court's decisions, disparities in power and privilege contained in the law, and personal accounts that detail how the human experience is affected by these disparities. The final segment of the course considers whether the law can be used as a vehicle for social change, and how courts have approached legislative remedies designed to redress past discrimination.

PSCI-427. Seminar In American Policy-Making Process. 3 Hours.

Analysis of legislative, executive, administrative and judicial policy-making processes at the national government level with emphasis on current research, case studies in policy-making and presentation of seminar papers.

PSCI-437. Seminar In Urban Politics. 3 Hours.

Analysis of the politics of metropolitan areas, with emphasis on the mobilization of resources for urban problem-solving, and the political forces that impede the solution of such problems. Students will write and present research papers on urban politics in the Chicago metropolitan area.

PSCI-439. Minority Economic Development. 3 Hours.

This course investigates political and social factors related to the economic development of minority groups in the United States. The demise of legalized segregation has meant racial and ethnic minorities no longer face official barriers to economic success. However, most minority groups (particularly black Americans and Latinos) continue to have lower levels of overall employment, income, and wealth than do whites. This course investigates political and social phenomena contributing to these patterns, as well as efforts by minority groups, supportive whites, and government actors in addressing minority economic issues. There is a particular interest in minority entrepreneurship and employment issues.

PSCI-440. Research Methods In Public Administration. 3 Hours.

Research techniques in the study of public administration. Methods taught will include techniques utilized by both political scientists and public administrators: case studies, decision-making analysis, cost-benefit analysis and others.

PSCI-441. History And Literature Of Public Administration. 3 Hours.

A review of major historical periods in public administration theory and practice and consideration of present tendencies and possible future developments. Consideration of standard summaries of the development of the discipline and primary, classical sources as well as key theorists and concepts of the discipline.

PSCI-442. Public Bureaucracies: Theory And Practice. 3 Hours.

Review of classic and contemporary literature on bureaucracy; analysis of the concept of bureaucracy; examination of selected public bureaucracies; strengths and limitations of the bureaucratic form of work organization; proposed alternative forms of work organization in the public sector; problems of accountability and public control.

PSCI-444. Comparative Public Administration. 3 Hours.

Study of the significance of public administration in a comparative setting with particular emphasis on the Third World; cultural impact on bureaucratic behavior; international and United States technical assistance in public administration; bureaucracy and development; comparative public policy; Third World perspectives and the recent critiques of administratively generated and First World inspired development.

PSCI-446. Homeland Security: Policies, Politics, And Administration. 3 Hours.

In the wake of the events of September 11, 2001, America has struggled to both re-write its understanding of "security" within its borders and to reorganize its resources committed to maintaining "security". This course is designed to explore the revamping of the bureaucracy responsible for "homeland security," and the impact on the population of the sense of uncertainty within borders. Students will examine the impact of these developments on state and local resources committed to "security" in communities, evaluating the strengths and weaknesses of the new "homeland security" efforts on the national, state, and city levels.

PSCI-447. Seminar In Public Policy Analysis. 3 Hours.

Study of governmental policy and program implementation from the perspective of policy choice, decision-making, and evaluation. Topics include criteria for evaluation of policy, techniques of analysis such as forecasting and scenario development, impact analysis, client satisfaction, and inequalities of result.

PSCI-460. Comparative Democratic Institutions. 3 Hours.

This course develops an understanding of the relationships between citizens' underlying interests and values and the policy output produced in democratic countries. We will explore the ramifications of different constitutional designs and electoral systems for the provision of representation. Furthermore, we will examine: the development of policy preferences, citizens' issuing of mandates, government responsiveness, and the ability of citizens to hold governments to account. The operation of bureaucracies as well as nominally independent arms of government, such as central banks, will also be considered.

PSCI-465. Seminar In African Politics. 3 Hours.

An examination of crucial problems in African politics with particular emphasis on modernization and creating political order. Research will focus on political participation, political institutions, national integration, ideology, the strains of modernization the role of the military.

PSCI-469. Democratization & Capitalism In The 21st Century. 3 Hours.

To understand the "third wave" democratization in the late 20th century, this course engages theories about the causes, meanings, and challenges of "democracy", including its complex relationships with capitalism. What were the roles of elites, classes, and social movements in recent democratic transitions, what types of systems emerged, what conditions can cause "de-democratization", and how does the post-Cold War hegemony of market capitalism affect the prospects for sustaining and deepening democracy in the early 21st century?.

PSCI-475. Seminar In The Behavioral Aspects Of International Relations. 3 Hours.

Research, seminar papers, and discussion on the socio-psychological approaches to the study of international relations; topics include the role of nationalism in international relations; topics include the role of nationalism in international conflict, decision-making in international relations, national and international image formation, and the socio-psychological determinants of foreign policies.

PSCI-476. Unified Germany In Changing Europe. 3 Hours.

The course will review the historical background of post-WW II Germany; the reunification process (its problems and potentials); and the role of the "new" Germany in the "new Europe." Still politically and economically dominant in Europe, the question to be explored is whether Germany's future complements or competes with the attempt to bring all of Europe together.

Prerequisite: PSCI-402 minimum grade of C or PSCI-421 minimum grade of C.

PSCI-477. Political Integration In Western Europe. 3 Hours.

Focus on post-World War II political integration in Europe; examination of various European international and supranational organizations, with emphasis on the dynamics of political integration in the European Community.

PSCI-478. EU - US Transatlantic Relations. 3 Hours.

Relations between the United States and Europe have been challenged frequently during the post-WWII era. These challenges have become more significant after September 11, 2001. The sympathy for the United States directly after the terrorists attacks quickly dissolved over Iraq. Europe itself was divided between supporters of the United States (UK, Spain, Italy, Poland) and opponents (Germany, France, Belgium). The severe strain in diplomatic relations did, however, little harm to the important trade relations. While differences in values between Americans and Europeans should not be marginalized, shared values significantly outnumber values that divide them. This course discusses the continued challenges in the transatlantic relationship.

PSCI-479. International Politics Of East Asia. 3 Hours.

This course is designed for graduate students interested in international relations in East Asia. It examines the political, economic, and social challenges facing East Asian countries from a comparative perspective. The emphasis will be on theories that inform our understanding of international affairs and foreign policy decision-making, as each is related to East Asia, the military security and economic issues in international relations, though we will also study the domestic conditions driving those relations. Major themes include defense and security, trade and development, and human rights. This course is not aimed to survey a general history of these countries but to discuss major issues and challenges associated with their political, economic and social change and development.

PSCI-481. International Human Rights. 3 Hours.

Human rights issues have been central to many of the top international news stories in recent years, including "ethnic cleansing" in Bosnia and Kosovo, genocide in Rwanda, self-determination in East Timor and Tibet, and humanitarian intervention in Somalia and Sudan (and in Afghanistan and Iraq, more controversially). The way in which the international community has responded to each of these examples demonstrates the complex relationship between state sovereignty and the promotion of universal human rights. Looking at human rights in both comparative and international perspectives, we will discuss the philosophical and political bases for the international human rights movement and probe the ongoing debate over universality and culture relativism.

PSCI-483. International Political Economy. 3 Hours.

This course will simultaneously provide students with a broad and deep overview of international economic relations. We will draw from the literature in international relations, comparative politics, and economics to develop an understanding of international political economy. We will examine the interaction between disparate national economies, national politics, and the international system writ large.

PSCI-491. Seminar On The Work Of Hannah Arendt. 3 Hours.

This course investigates the work of Hannah Arendt on politics, society and political action, and provides an introduction to public realm theory that will work toward mastery of Arendt's understanding of politics as, in Latin, the *res publica*, "the public thing." Our primary questions will be what does political action require and what can it accomplish? Our readings will include texts on civil disobedience, the relationship between history and political theory, the meanings of power and violence, colonialism, totalitarian rule during the Third Reich and the Soviet era, and on racial prejudice as political problem and as political tool.

PSCI-5901. Thesis Hours. 1 Hour.

This course is designed to provide structure, guidance, and support for graduate students in political science in the research and writing of a Master's thesis. The objective of the course is to deepen the understanding of theories and methods related to research on the specific subfield in political science and to apply them to a chosen topic. Specific focus includes: (a) identifying a significant research problem on an political science issue and specifying a research question to address it; (b) analyzing the scholarly literature in relation to your research; (c) describing research design and evidence; (d) shaping coherent arguments and assessments; (e) developing skills in formal academic writing and oral presentation.

Requirement: consent of the thesis advisor, graduate coordinator, department chair and the College Dean.

PSCI-5902. Thesis Hours. 2 Hours.

See course description for PSCI-5901.

PSCI-5903. Thesis Hours. 3 Hours.

See course description for PSCI-5901.

Major in Political Science

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Political Science for the Bachelor of Arts Degree

Students majoring in political science must take at least 33 credit hours in political science.

Required Courses

PSCI-210	Introduction To Political Science ^{1,2}	3
Along with PSCI 210, students must then select two of the following introductory courses (since all students must take an intensive writing course, we recommend they take PSCI 251. For those who cannot take PSCI 251, other WIP courses are available):		6
PSCI-216	American National Government	
PSCI-251	Writing Intensive Program: Comparative Political Systems	
PSCI-275	Introduction To World Politics	
PSCI-291	Concepts Of Political Science	
Select eight 300-level courses:		24
5 courses in one area of emphasis ³		
2 courses in a second area		
1 course in a third area		

Total Hours	33
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¹ These introductory courses are not open to majors in their senior year.

² Must be among the first four political science courses taken.

3 The broad areas of emphasis recognized by the department are American Politics and Public Affairs; International and Comparative Politics; and Political Theory. These eight courses must be at the 300-level.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year		Hours
Term 1		
ENGL-101	Writing I	3
PSCI-210 or PSCI-216		3
General Education Course		3
General Education Course		3
General Education Course		3
Term Hours		15
Term 2		
General Education Course		3
General Education Course		3
General Education Course		3
PSCI-210 or PSCI-216		3
MATH-112 or MATH-113		3
Term Hours		15
Second Year		
Term 1		
PSCI-251 or PSCI-275		3
General Education Course		3
General Education Course		3
General Education Course		3
Elective/Minor		3
Term Hours		15
Term 2		
Elective/Minor		3
Elective/Minor		3
Elective/Minor		3
General Education Course		3
300-Level PSCI Elective		3
Term Hours		15
Third Year		
Term 1		
300-Level PSCI Elective		3
300-Level PSCI Elective		3
Elective/Minor		3
Elective/Minor		3
Elective/Minor		3
Term Hours		15
Term 2		
Elective/Minor		3
Elective/Minor		3
Elective/Minor		3
300-Level PSCI Elective		3
300-Level PSCI Elective		3
Term Hours		15
Fourth Year		
Term 1		
Elective/Minor		3
Elective/Minor		3
Elective/Minor		3
300-Level PSCI Elective		3
300-Level PSCI Elective		3
Term Hours		15
Term 2		
300-Level PSCI Elective		3
Elective/Minor		3

Elective/Minor	3
Elective/Minor	3
Elective/Minor	3
<hr/>	
Term Hours	15
<hr/>	
Total Hours:	120

Minor in Political Science

Minor in Political Science (18 credit hours)

A minor in political science may be structured to complement a student’s major in another department or to develop an area of interest. An assigned advisor will counsel a student in choosing six appropriate courses. The University requires everyone to take a Writing Intensive Course (WIP) in their major. The Department regularly offers three WIP courses. These are PSCI-251, PSCI-344 and PSCI-392.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Political Science requirements (18 cr. hrs.)

The following two courses are required:

Select one of the following:

PSCI-275	Introduction To World Politics	
PSCI-291	Concepts Of Political Science	
PSCI-251	Writing Intensive Program: Comparative Political Systems	
PSCI-216	American National Government	
PSCI-210	Introduction To Political Science	3

At least three courses should be taken at the 300-level.

Students in the Elementary Education and Early Childhood Education programs who have selected this minor must complete a minimum of 9 hours at the 300-level to meet graduation and certification requirements. Students in the program should note that if you use PSCI-216 to satisfy the Social and

Behavioral Science General Education requirement, you must add a course to the Minor. In that case total credit hours will be 21. This applies only to students in the Elementary Education and Early Childhood Education Programs.

Minor in Public Administration

Minor in Public Administration (18 credit hours)

This minor will be of interest to students who would like to broaden the career opportunities available to them, students interested in public affairs and administration and students in non-traditional programs, such as the BA in Interdisciplinary Studies program, who wish to focus on governmental processes. Students who are also majoring in Political Science are discouraged from minoring in Public Administration. Instead, public administration courses can be incorporated into their major program.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)*	6
2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	
Humanities (HU)*	9
3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	
Behavioral/Social Sciences (SB)*	9
3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	
Natural Sciences (NS and NSL)**	9
3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	
Math/Quantitative Reasoning (MA)	At least 3
1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Public Administration requirements

Required Courses

PSCI-216	American National Government	3
PSCI-341	Public Administration	3
Select two of the following:		6
PSCI-325	Public Policy	
PSCI-344	Writing Intensive Program: Public Organization Theory	
PSCI-345	Government Budgeting	
PSCI-346	Public Personnel Administration	

2 *Minor in Public Administration*

Two 300-level courses relevant to Public Administration chosen with the aid of a departmental advisor, including, if desired, one or two additional courses from the list of four above 6

Total Hours 18

Psychology

Psychology is the science that deals with the brain and human behavior in all its forms:

- psychological,
- cognitive,
- emotional,
- individual,
- and group.

Its methods range from those similar to the ones used in the humanities to those used in the natural sciences. Psychology offers students a perspective which is not only a career in itself but also a useful adjunct to any discipline.

The Department of Psychology offers an undergraduate program that leads to a Bachelor of Arts degree in Psychology and a graduate program which leads to a Master of Arts in Gerontology, as well as a certificate option in Gerontology. In these programs, the department prepares students for careers in those areas that make particular use of a knowledge of human behavior and development. These include human resource and personnel positions in industry, direct service work in the social services, and research associate positions in academic and industrial settings. Students are also prepared for pursuing further education in any of the major areas of psychology.

The department faculty members represent a number of theoretical approaches as well as a wide range of content areas. This enhances the student's opportunity to become acquainted with the full scope of this broad and complex subject. Because of the need to create a combination of courses consistent with their career goals, students are urged to form a continuing relationship with a faculty advisor in the department early in their major.

The interdisciplinary nature of psychology requires familiarity with other fields. Students intending to pursue graduate studies should have a strong background in mathematics and the natural sciences. All psychology majors will benefit from course work in philosophy, physiology, literature, history, the social sciences, and computer science. Students have the option of participating in the field experience program. For details, see the section on Field Experience. Additional information is available from the department program advisor.

Minors in psychology and in gerontology are also offered.

Students should also be aware of the University requirements for the Bachelor's degree. All students must complete a minimum of 40 semester hours at the 300 level.

- Major in Psychology (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/psychology/psychology>)
- Minor in Psychology (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/psychology/minor-psychology>)
- Minor in Gerontology (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/psychology/minor-gerontology>)

The following rules apply to the major and minor in psychology and the minor in gerontology: Transfer courses must be approved by the department before being applied to the major or minors. For transfer students, at least one half of the courses applied to the major (15 semester hours) or minors (9 semester hours) must be taken at Northeastern. No more than two courses (6 semester hours) transferred in from junior/ community colleges may be applied to the major or minors. Junior/community college courses may not be used in place of 300-level Northeastern courses. Students who transfer in an approved 3 semester hour course equivalent to General Psychology may complete the major with 30 semester hours, or the psychology minor with 18 semester hours.

The same courses may not be used to fill requirements in two different programs within the department.

- Master of Arts in Gerontology (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/psychology/master-arts-gerontology>)
- Gerontology Senior Advocate Certificate (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/psychology/1-year-gerontology-certificate>)

Saba Ayman-Nolley, Ph.D., Professor, Chair
 Ruth Church, Ph.D., Professor
 Amanda Dykema-Engblade, Ph.D., Associate Professor
 Maureen Wang Erber, Ph.D., Professor
 A. David Farmer, Ph.D., Associate Professor
 Lisa Hollis-Sawyer, Ph.D., Associate Professor
 David W. Kern, Ph.D., Assistant Professor
 Christopher Merchant, Ph.D., Associate Professor
 Linda M. Rueckert, Ph.D., Professor
 Shannon Saszik, Ph.D., Associate Professor
 Therese Schuepfer, Ph.D., Professor
 Masami Takahashi, Ph.D., Professor

PSYC-100. Survey Of Psychology. 3 Hours.

An introduction of the study of psychology as a dynamic an changing system of interrelated and interacting areas.

PSYC-109. First Year Experience:Growing Up In Chicago. 3 Hours.

This is a course that introduces students to the basics of child psychological development. What are the steps of development? Which developmental steps are unique to every individual? Which developmental steps are universal and which are culturally determined? Chicago has many resources, historical, art and cultural museum, schools, and its people, that will be used to explore the answers to these questions. Through a combination of hands on activities, verbal and written reflections, students in this class will discover what it means to be a developing human being here in Chicago.

PSYC-109B. First Year Experience:Intimate Chicago:Psychology Of Intimate & Close Relationships In Chicago Films. 3 Hours.

This course will use films as a vehicle for identifying, explaining, and illustrating basic psychological concepts. In addition to learning about the social psychology of romantic and close relationships, students will learn about basic psychological principles from learning, personality, and developmental theories. Students will complete assigned readings on the appropriate psychological theories, apply them to the films, and complete written assignments on them. A group final project will include producing a film on relationships, using Chicago as a backdrop.

PSYC-109C. First Year Experience: The Pursuit Of Happiness In The City. 3 Hours.

In this course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-Discovery, and Transitions) are interwoven with the field-specific concepts and ideas of positive psychology. Happiness means different things to different people. Such differences exist across cultures, income levels, professions, age brackets, and local communities. The course explores what psychologists and other social-science researchers have to say about the pursuit of happiness by diverse people in different social and geographical contexts. The course will look at key concepts and ideas in happiness research, as well as the opinions and experiences of course participants on the topic. Students will examine their own preferences and try to broaden their horizons. Individual "field trips" into the aspects of college and city life are part of the course.

PSYC-110. Life Span Development. 3 Hours.

An introductory class on human development across the life span, from conception to death. Explores the description, explanation, and function of different aspects of development: physical, psychological and social. Designed as a general education course for non-majors, the main purpose of the course is to present the general underlying structures and mechanisms of development. Some of the major theories and research findings will also be covered.

PSYC-200. General Psychology. 4 Hours.

General introduction to the study of psychology as a science. A personalized system of instruction permits flexible scheduling and different rates for fulfilling requirements. The text covers approximately 25-30 units of material. Tutoring and instructional aides are available.

PSYC-202. Writing Intensive Program: Statistics And Research Methods I. 3 Hours.

The first half of a sequence that is intended to prepare students to be consumers/ producers of research. In this course students will learn basic descriptive statistics, correlation and regression, basic elements of research design and APA style. Students will be required to design a project and write the introduction and method. This is a Writing Intensive course.

Prerequisites: ENGL-101 - 102 and PSYC-200 and (MATH-092 - 499 or MATH-092A - 499Z or MATH-0092 - 4999 or NEIU Math Placement Result 30 - 45 or Accuplacer College Level Math 020 - 120).

PSYC-210. Parenting. 3 Hours.

Parenting integrates concepts, data and methods from child development, learning theory and applied behavior analysis and utilizes them in the context of a positive parenting philosophy to advance normal child skills development.

PSYC-215. Child Psychology. 3 Hours.

Basic theories, concepts, principles and research data concerning the physical, intellectual, emotional and social aspects of development in children.

PSYC-300A. Proseminar In Psychology: Introduction To Family Studies. 3 Hours.

Prerequisite: PSYC-200 minimum grade of C or PSYC-100 minimum grade of C.

PSYC-300B. Proseminar In Psychology: Culture And Human Development. 3 Hours.

Prerequisite: PSYC-215 minimum grade of C or PSYC-310 minimum grade of C.

PSYC-300C. Proseminar In Psychology: Graduate Programs In Psychology. 3 Hours.**PSYC-300D. Proseminar In Psychology: Adolescence And Sexuality. 3 Hours.****PSYC-300F. Proseminar In Psychology: Issues In Social Psychology. 3 Hours.****PSYC-300G. Proseminar In Psychology: Culture And Aging. 3 Hours.****PSYC-300J. Special Topics In Psychology: Human Neuropsychology. 3 Hours.**

Prerequisite: PSYC-202 minimum grade of C.

PSYC-300K. Proseminar In Psychology: Play And Development. 3 Hours.

Prerequisites: PSYC-215 minimum grade of C and PSYC-310 minimum grade of C.

PSYC-300L. Proseminar In Psychology: Psyc Of Nonverbal Communication. 3 Hours.**PSYC-300M. Proseminar In Psychology: Culture, Diversity And Practicing Psychology. 3 Hours.****PSYC-300N. Proseminar In Psychology: Psychopathology In Film And Literature. 3 Hours.****PSYC-301. Research In The Social Sciences. 3 Hours.**

This course is intended to give students the knowledge and skills necessary to interpret research literature in the social sciences and to write a focused literature review in correct APA style. It will cover the conceptual basis of descriptive and inferential statistics and the basic theoretical premises underlying the scientific method and sound research design. The emphasis will be on interpretation rather than computation and will use both textbook examples and actual journal articles as focal point for instruction.

Prerequisite: PSYC-200 minimum grade of C.

PSYC-302. Statistics And Research Methods II. 3 Hours.

This course is the second half of a sequence that is intended to prepare students to be consumers/producers of research. In this course students will learn parametric and nonparametric inferential statistics through three-way analysis of variance, elements of complex experimental and quasi-experimental design, and research elements of APA format. Students will be required to collect data, analyze and discuss results, and write a formal result and discussion section.

Prerequisites: ENGL-102 minimum grade of C and PSYC-200 minimum grade of C and PSYC-202 minimum grade of C.

PSYC-303. Advanced Statistics. 3 Hours.

An extension of concepts covered in the introductory statistics course (PSYC-302): advanced correlation techniques, analysis of variance and sampling statistics.

Prerequisites: PSYC-302 minimum grade of C and PSYC-200 minimum grade of C.

PSYC-307. Psychological Tests And Measurements. 3 Hours.

Principles and methods of measurement and evaluation: elementary statistical concepts, reliability and validity, interpretation of test results, standards for psychological and educational tests, principles of test construction and use of psychological and educational tests.

Prerequisites: PSYC-202 minimum grade of C and PSYC-200 minimum grade of C.

PSYC-308. Laboratory, Research Methods In Psychology: Tests And Measurements. 3 Hours.

Development, construction, scoring, standardization, determination of reliability and validity of simple tests in psychology.

Prerequisites: PSYC-302 minimum grade of C and PSYC-200 minimum grade of C.

PSYC-310. Developmental Psychology. 3 Hours.

Longitudinal study of the development of behavior throughout the life span, including physiological factors and their bearing on the psychological adjustment of the individual in childhood, adolescence, adulthood, and later maturity.

Prerequisites: (PSYC-202 minimum grade of C or PSYC-301 minimum grade of C) and PSYC-200 minimum grade of C.

PSYC-311. Psychosexual Development. 3 Hours.

Study of the development of sex differences, from the acquisition of sex role identity in childhood through sex differences in adult personality, cognition and role behavior.

Prerequisite: PSYC-200 minimum grade of C.

PSYC-312. Psychological Development In Women. 3 Hours.

Psychological development and identity formation in women with emphasis on personality, psychosexual and cognitive development.

Prerequisite: PSYC-200 minimum grade of C or PSYC-100 minimum grade of C or WSP-101 minimum grade of C.

PSYC-314. Psychology Of The African American Family. 3 Hours.

The purpose of this course is for students to gain an understanding of how African American families have evolved in America. The experiences of slavery and racism have influenced the development of African American families and the social policies and practices toward them. These have resulted in the proliferation of myths and perceptions of African American families that often emphasize the negative end results of years of discrimination. The goal of this course is to examine the history of African American families, research performed on African American families, issues facing African American families, and interventions offered to African American families.

Prerequisite: AFAM-200 minimum grade of C or PSYC-200 minimum grade of C.

PSYC-315. Advanced Child Psychology. 3 Hours.

Growth of the child's emotional life and personality and basic development principles. Psychological difficulties in children will be studied insofar as this study shed light on the course of normal development.

Prerequisites: PSYC-202 minimum grade of C and PSYC-200 minimum grade of C and (PSYC-215 minimum grade of C or PSYC-320 minimum grade of C or PSYC-310 minimum grade of C).

PSYC-316. Laboratory, Research Methods In Psychology: Child Development. 3 Hours.

Examination and application of research techniques and methods used in child and developmental psychology. Students will collect, analyze, interpret and present research data.

Prerequisites: PSYC-302 minimum grade of C and PSYC-200 minimum grade of C and (PSYC-215 minimum grade of C or PSYC-310 minimum grade of C).

PSYC-317. Latino Psychology: Mental Health & The Latino Experience In The USA. 3 Hours.

This course is designed for students to explore and gain an understanding the multiplicity of factors (biological, psychological, environmental and cultural) that impact and shape the mental health of different Latino groups living in the USA. Immigration, stereotyping, discrimination and prejudice are key topics in determining how Latinos view themselves in American culture.

Prerequisite: PSYC-200 minimum grade of C.

PSYC-318. Psychopathology Of Childhood. 3 Hours.

Study of the dynamics of pre-adolescent neurotic disturbances.

Prerequisite: PSYC-200 minimum grade of C.

PSYC-319. Child Development In Cross Cultural Perspective. 3 Hours.

Comparative studies of child rearing practices in varying cultural and sub-cultural milieus, including those in the United States; effects of such differences on subsequent adult personality in the cultures under consideration; problems of "normal" and "abnormal" behavior.

Prerequisites: PSYC-215 minimum grade of C and PSYC-200 minimum grade of C.

PSYC-320. Adolescent Psychology. 3 Hours.

Nature of adolescent development and adjustment: physical, intellectual, emotional, and social aspects.

Prerequisite: PSYC-200 minimum grade of C or PSYC-100 minimum grade of C or PSYC-110 minimum grade of C.

PSYC-322. Emotional Disturbances Of Adolescence. 3 Hours.

Study of the psychological dynamics and of the problems and conflicts which the adolescent may experience during this distinct phase of his/her life.

Prerequisite: PSYC-310 minimum grade of C or PSYC-200 minimum grade of C.

PSYC-324. Geropsychology. 3 Hours.

This course will introduce students to the study of aging and the progression of gerontology. The course focuses on the physical, psychological, social and cognitive aspects of aging from a number of disciplinary perspectives. Micro (individual's process of aging) as well as macro (societal) issues of an aging population will be examined. The course will also introduce students to a number of controversies and debates in gerontology, many of which have implications for social policy.

PSYC-325. Psychosocial Development And Aging. 3 Hours.

Exploration of behavioral development and of the influence of social and environmental factors on the psychosocial development throughout the life span.

Prerequisite: PSYC-200 minimum grade of C.

PSYC-328. Seminar In Aging. 3 Hours.

Integrated and critical evaluation of problems and issues related to aging; assessment of research and of its application to the establishment of programs for the aged.

Prerequisite: PSYC-200 minimum grade of C.

PSYC-330. Psychology Of Personality. 3 Hours.

Contemporary theories of personality development and personality dynamics and definitions of the healthy personality.

Prerequisites: (PSYC-202 minimum grade of C or PSYC-301 minimum grade of C) and PSYC-200 minimum grade of C.

PSYC-331. Laboratory, Research Methods In Psychology: Personality Development. 3 Hours.

Research methods used in the study of "personality." Collection, analysis and interpretation of research data, and reporting results.

Prerequisites: PSYC-302 minimum grade of C and PSYC-200 minimum grade of C and (PSYC-330 minimum grade of C or PSYC-340 minimum grade of C).

PSYC-340. Abnormal Psychology. 3 Hours.

Overview of psychopathology; similarities and differences between "normal" and "abnormal" groups.

Prerequisites: (PSYC-202 minimum grade of C or PSYC-301 minimum grade of C) and PSYC-200 minimum grade of C.

PSYC-341. Laboratory, Research Methods In Psychology: Clinical. 3 Hours.

Application of the techniques learned in the Statistics and Research Methods courses to actual research topics in the clinical field of psychology. The format is one hour of lecture and four hours of laboratory, in which student actually collect and analyze data. Fulfills department major lab requirement.

Prerequisites: PSYC-302 minimum grade of C and PSYC-200 minimum grade of C and (PSYC-330 minimum grade of C or PSYC-340 minimum grade of C).

PSYC-345. Theories And Methods Of Individual Therapy. 3 Hours.

Overview of various approaches to psychotherapy.

Prerequisites: (PSYC-330 minimum grade of C or PSYC-340 minimum grade of C) and PSYC-200 minimum grade of C.

PSYC-346. Introduction To Group Psychotherapy. 3 Hours.

Study and application of the underlying principles of several approaches to group processes; e.g., T-groups, growth (Rogerian) groups, rational-emotive groups, Gestalt groups, T.A. groups.

Prerequisites: (PSYC-330 minimum grade of C or PSYC-340 minimum grade of C) and PSYC-200 minimum grade of C.

PSYC-350. Physiological Psychology. 3 Hours.

Lectures on physiological research techniques; ablation, lesioning, electro-physiology, and neurochemistry. The neuron, synaptic, electrical and chemical events, sensory physiology, psychopharmacology, memory mechanisms, emotions and vegetative functions are covered.

Prerequisites: (PSYC-202 minimum grade of C or PSYC-301 minimum grade of C) and PSYC-200 minimum grade of C.

PSYC-351. Laboratory, Research Methods In Psychology: Physiological Psychology. 3 Hours.

Techniques employed in the investigation of brain functions including surgical and testing procedures such as ablation, electrolytic lesions, implants of permanent electrodes, operant conditioning techniques, pharmacological experiments and demonstrations.

Prerequisites: PSYC-302 minimum grade of C and PSYC-200 minimum grade of C and (PSYC-350 minimum grade of C or PSYC-370 minimum grade of C or PSYC-373 minimum grade of C or PSYC-375 minimum grade of C).

PSYC-352. Introduction To Neuropsychopharmacology. 3 Hours.

Discussion of neuronal synapse and neurotransmitter action, and the physiology and basic chemistry of the better known putative neurotransmitters; overview of the major and minor tranquilizers, the antidepressants, and the hallucinogens; examination of the better known relationships between neurochemistry, psychopharmacology and behavior.

Prerequisite: PSYC-200 minimum grade of C.

PSYC-353. Physiological Bases Of Mental Disorders. 3 Hours.

Physiological and genetic aspects of mental disorders; major theories and current research models with emphasis on current literature and primary sources.

Prerequisites: PSYC-202 minimum grade of C and PSYC-200 minimum grade of C and PSYC-350 minimum grade of C.

PSYC-354. Seminar In Drug Abuse. 3 Hours.

Lectures, discussions and selected readings concerning the psychological, sociological and physiological aspects of drug abuse.

Prerequisite: PSYC-200 minimum grade of C or BIO-100 minimum grade of C or BIOL-100 minimum grade of C.

PSYC-360. Social Psychology. 3 Hours.

Basic principles and research techniques in social perception, attitude formation, group dynamics, interpersonal attraction, and social influence.

Prerequisites: (PSYC-202 minimum grade of C or PSYC-301 minimum grade of C) and PSYC-200 minimum grade of C.

PSYC-361. Laboratory, Research Methods In Psychology: Social Psychology. 3 Hours.

Application of techniques learned in Statistics and Research Methods to actual research topics in social psychology. Through lecture and laboratory, in which students actually collect and analyze data.

Prerequisites: PSYC-302 minimum grade of C and PSYC-200 minimum grade of C and PSYC-360 minimum grade of C.

PSYC-362. Introduction To Group Dynamics. 3 Hours.

Study of the structures and interpersonal dynamics of small groups.

Prerequisite: PSYC-200 minimum grade of C or PSYC-100 minimum grade of C.

PSYC-363. Advanced Group Dynamics. 3 Hours.

Advanced study of the various methods and theories of group interaction and their application.

Prerequisites: PSYC-202 minimum grade of C and PSYC-200 minimum grade of C and (PSYC-360 minimum grade of C or PSYC-362 minimum grade of C).

PSYC-364. Theories Of Intimate Relationships. 3 Hours.

The advanced study of the field of intimate relationships. Coursework covers social psychological theories and research on romantic relationships and addresses topics such as attraction, communication, attachment, love, infidelity, jealousy, conflict, and relationship dissolution.

Prerequisites: PSYC-360 minimum grade of C and PSYC-200 minimum grade of C.

PSYC-365. Industrial Psychology. 3 Hours.

An introductory survey of the diverse field of industrial psychology. Personnel selection, business organizations, marketing and advertising, human factors and human engineering, worker-supervisor relations and executive behavior.

Prerequisite: PSYC-200 minimum grade of C.

PSYC-369. Conservation Psychology. 3 Hours.

Students will explore the emerging field of conservation psychology with an emphasis on the psychological characteristics of the relationship between humans and nature, such as environmental values, attitudes, behavior, and decision-making practices. Course topics, including environmental perception, identity, personal morals, ecopsychology, wilderness psychology, domestic nature, managed nature, community dimensions, and environmental education, will be investigated in the context of promoting environmental responsibility.

Prerequisite: GES-150 minimum grade of C or PSYC-100 minimum grade of C or PSYC-200 minimum grade of C.

PSYC-370. Theories Of Learning. 3 Hours.

Psychological study of the processes of learning, problem-solving, and memory. Major historical theories of learning; demonstration of some basic research techniques.

Prerequisites: (PSYC-202 minimum grade of C or PSYC-301 minimum grade of C) and PSYC-200 minimum grade of C.

PSYC-373. Human Perception. 3 Hours.

Study of how our perceiving and performing systems convert information from the environment and the self to action in everyday life.

Prerequisites: (PSYC-202 minimum grade of C or PSYC-301 minimum grade of C) and PSYC-200 minimum grade of C.

PSYC-374. Laboratory, Research Methods In Psychology: Perception. 3 Hours.

Research techniques and experiments in perception, cognition and learning.

Prerequisites: PSYC-302 minimum grade of C and PSYC-200 minimum grade of C and (PSYC-373 minimum grade of C or PSYC-350 minimum grade of C or PSYC-370 minimum grade of C or PSYC-375 minimum grade of C).

PSYC-375. Cognitive Psychology. 3 Hours.

This course is an introduction to cognitive psychology, the study of human thought, information processing, and consciousness. It covers the following topics normally associated with the study of cognition: pattern recognition, learning and memory, language, reasoning, decision making, cognitive neuropsychology, and artificial intelligence.

Prerequisite: and PSYC-200 minimum grade of C.

PSYC-376. Social Neuroscience. 3 Hours.

The purpose of this course is to gain an understanding of how the nervous system affects social relationships, and how social relationships affect the nervous system. Although the main focus is on humans, many of the studies we cover will be on non-human animals. We will focus mainly on the macro-level (i.e. parts of the brain), but some information will also be presented at the micro-level (cellular and chemical).

Prerequisites: PSYC-202 minimum grade of C and PSYC-200 minimum grade of C.

PSYC-377. Visual Neuroscience. 3 Hours.

Visual Neuroscience is an upper level course that will examine how data based and knowledge based processing determines an individual's visual experience. To better understand the interaction between data and knowledge, students will learn about the different techniques and methodologies that are used to address research questions in visual perception. Students will explore how visual information is encoded at the early synapses in the retina and is processed as neural signals move into cortex. The effect of different conditions on human visual perception will be further examined to understand how data and knowledge interact to determine a single perceptual experience.

Prerequisites: PSYC-200 minimum grade of C and PSYC-202 minimum grade of C.

PSYC-381. Independent Study In Psychology. 1 Hour.

Special study projects in psychology specifically and individually contracted with the instructor. Arrangements should be made in the term prior to registration.

Prerequisites: (PSYC-202 minimum grade of C or PSYC-301 minimum grade of C or PSYC-317 minimum grade of C or PSYC-317A minimum grade of C) and PSYC-200 minimum grade of C.

PSYC-382. Independent Study In Psychology. 2 Hours.

(See PYS-381 for description.).

Prerequisites: (PSYC-202 minimum grade of C or PSYC-301 minimum grade of C or PSYC-317 minimum grade of C or PSYC-317A minimum grade of C) and PSYC-200 minimum grade of C.

PSYC-383. Independent Study In Psychology. 3 Hours.

(See PYS-381 for description.).

Prerequisites: (PSYC-202 minimum grade of C or PSYC-301 minimum grade of C or PSYC-317 minimum grade of C or PSYC-317A minimum grade of C) and PSYC-200 minimum grade of C.

PSYC-383A. Independent Study In Psychology. 3 Hours.

(See PYS-381 for description.).

PSYC-383B. Independent Study In Psychology. 3 Hours.

(See PYS-381 for description.).

PSYC-391. Field Experiences In Psychology I. 3 Hours.

Experiential learning in psychology-related settings (such as psychiatric hospitals and schools) integrating both academic work and on-the-job experience. Arrangements should be made in the term prior to registration.

Prerequisite: PSYC-200 minimum grade of C.

PSYC-392. Field Experiences In Psychology II. 3 Hours.

Advanced and specialized work. (See PYS-391 for description). Arrangements should be made in the term prior to registration.

Prerequisite: PSYC-391 minimum grade of C.

PSYC-393. Seminar In The Teaching Of Psychology. 3 Hours.

Introduces students to the theories and methods of post-secondary teaching as relevant to the field of psychology. Students participate with faculty in active teaching activities of an undergraduate psychology course.

Prerequisite: PSYC-200 minimum grade of C.

PSYC-395. History Of Psychology. 3 Hours.

Psychology as a science from Wundt to present day. The course examines systems and describes and evaluates theories.

Prerequisites: PSYC-302 minimum grade of C and PSYC-200 minimum grade of C.

PSYC-396. Senior Seminar In Psychology. 3 Hours.

Research and preparation of papers; provides for individual work by the student, and guidance through criticism by fellow students and faculty.

Prerequisites: PSYC-302 minimum grade of C and PSYC-200 minimum grade of C.

PSYC-397. Capstone: Applied Service Learning Lab. 3 Hours.

This capstone course meets the needs and interests of students wishing to seek careers in community settings. Students integrate psychology knowledge and apply it to real world situations and problems as they are immersed in hands-on, community-based learning experiences. Course activities include participation in an agency/institutional setting, reflections on these experiences, and interpretation via an academic/scholarly lens. Students work closely with both a peer-team and with members of a community organization. The capstone project requires on-site volunteer hours and the development and execution of a project specific to the site's needs and demands.

Prerequisite: PSYC-302 minimum grade of C.

PSYC-401. Gerontology: An Overview. 3 Hours.

Presents an overview of the field of gerontology. It provides an introduction to the demographic, economic and social implications of the growth in the population of older individuals.

PSYC-402. Developmental Processes In Later Life. 3 Hours.

Examines research on how individuals age psychologically throughout adulthood and into advanced old age.

Prerequisite: PSYC-401 minimum grade of C.

PSYC-403. Developmental Processes In Aging:Physiological Aspects. 3 Hours.

In order to understand the aging individual, it is important to understand the normal and pathological physical changes that occur as the person ages. This course is intended to provide students of gerontology with this basic grounding in the physiology of aging and thus is aimed at graduate students with only minimal background in biology. Using a combination of text material and journal readings, it will cover the development changes in all the major biological systems.

Prerequisite: PSYC-401 minimum grade of C.

PSYC-406. Aging And The Family. 3 Hours.

Acquaints students with the research on the inter-generational roles on the nuclear, extended and non-traditional forms of 20th century families in providing physical, emotional, and financial support to members over the life-span in a society that has increasing numbers of three, four, and five generation families.

Prerequisite: PSYC-401 minimum grade of C.

PSYC-408. Research Methods. 3 Hours.

This course introduces research methods and methodological problems encountered in theoretical and applied studies in the field of gerontology and provides guidance in preparing research or program proposals.

Prerequisite: PSYC-402 minimum grade of C.

PSYC-412. Psychopathology And Aging. 3 Hours.

Enables students to differentiate between the psychological characteristics of normal aging in later life and those associated with psychopathology. Differences between chronic mental illness and late onset psychopathology are clarified. Questions of assessment and treatment for these populations are included.

Prerequisite: PSYC-401 minimum grade of C.

PSYC-414. Psychotherapy Of The Elderly. 3 Hours.

This course assists students interested in direct service to develop an awareness of the range of psycho-therapeutic modalities that are effective with elderly clients.

Prerequisite: PSYC-401 minimum grade of C.

PSYC-415. Practicum In Gerontology. 3 Hours.

A supervised practicum, typically 120 clock hours, is required of all students who lack formal experience in working directly with the elderly. It is also recommended for students who have previously worked with this population and whose career objectives make a different type of experience in another setting desirable.

Prerequisite: PSYC-402 minimum grade of C.

PSYC-416. Internship In Gerontology. 3 Hours.

This 120 clock hour supervised field work course is required of all students. Those with no prior experience in gerontology must complete PSYC-415 before registering for this course. The internship site varies according to the interests of the student. The faculty will determine the suitability of the site.

Prerequisite: PSYC-402 minimum grade of C.

PSYC-418. Public Policy And Aging. 3 Hours.

This course will examine major health care, social, and economic policies that affect the elderly. Students will learn to assess and understand the differential impact on life style and quality of life experienced in old age by individuals of various socioeconomic classes.

Prerequisite: PSYC-401 minimum grade of C.

PSYC-420. Seminar In Proposal Writing. 3 Hours.

This seminar covers the whole process of proposal writing as it applies to either grant or thesis proposals. Students are expected to produce an acceptable proposal as part of the course.

Prerequisite: PSYC-408 minimum grade of C.

PSYC-424. Independent Study In Gerontology. 3 Hours.

This course provides an opportunity to specialize in an area of interest not sufficiently covered in either the required or elective courses offered. The plan for independent study (the specific topic, list of possible readings, and plan for a final paper) must be approved in writing by the sponsoring faculty member in the term prior to registration.

Prerequisite: PSYC-402 minimum grade of C.

PSYC-426. Values, Decision Making And The Elderly. 3 Hours.

This course sensitizes students to their own and other's social and personal values pertainin to aging and the aged. It covers the ethical issues and dilemmas that arise for the elderly, their advocates, and caretakers when age is a primary factor in making difficult decisions.

Prerequisite: PSYC-401 minimum grade of C.

PSYC-428. Aging And Cultural Diversity In The U.S.. 3 Hours.

This course familiarizes students with the literature and research-in-progress on variations in the process of aging, attitudes toward aging and the aged, and assistance provided to the aged among various major ethnic groups found in the United States.

Prerequisite: PSYC-401 minimum grade of C.

PSYC-432. Meanings Of Old Age. 3 Hours.

This course explores the range of external perceptions and personal experiences of old age and old people by comparing what research scholars say about aging with the writings of older people themselves. Societal ageism and personal beliefs about aging, old age and old people are considered.

Prerequisite: PSYC-401 minimum grade of C.

PSYC-434. Aging Services Network. 3 Hours.

This course examines the wide range of services and programs fostered by the Older American Act and referred to as the "aging network." Interviews with service providers and onsite observations give students an awareness of the issues involved in designing and implementing programs for older people.

Prerequisite: PSYC-401 minimum grade of C.

PSYC-5901. Thesis Hours. 1 Hour.

This course involves guidance of students writing a master's thesis as part of the requirements for the MA. in Gerontology.

Prerequisite: PSYC-420 minimum grade of C.

PSYC-5902. Thesis Hours. 2 Hours.

See course description for PSYC-5901.

Prerequisite: PSYC-420 minimum grade of C.

PSYC-5903. Thesis Hours. 3 Hours.

See course description for PSYC-5901.

Prerequisite: PSYC-420 minimum grade of C.

Gerontology Senior Advocate Certificate

Gerontology Senior Advocate Certificate

The 21-credit hour Gerontology Senior Advocate Certificate is designed to meet the educational needs of a variety of student groups: those already working with older adults, those contemplating a career change, and those working in other fields who wish to increase their knowledge of aging processes to help advocate for this growing segment of the national and internal population. To address these needs, students complete a set of required courses providing a solid background in the concepts of gerontology. To this aim, the two-year Gerontology Senior Advocate Certificate is for those professionals and/or life-long learners interested in short-term training in the field before potentially pursuing more extensive education in gerontology (e.g., M.A. in Gerontology).

Core or Required Courses (15 credit hours):

There are two elective "tracks" for certificate students.

"Track" #1: Individualized/Community Outreach (2 Courses - 6 credit hours)

"Track" #2: Public Policy/Administration (2 Courses - 6 credit hours)

Course Transfer Policy

Students may transfer the full credit hours of the certificate as per university course transfer policy into the M.A. in Gerontology program.

Gerontology Senior Advocate Certificate

Core Courses

PSYC-401	Gerontology: An Overview	3
PSYC-403	Developmental Processes In Aging:Physiological Aspects	3
PSYC-415	Practicum In Gerontology	3
(if PSYC 415 is waived, an approved graduate-level elective course can be substituted)		
PSYC-418	Public Policy And Aging	3
PSYC-426	Values, Decision Making And The Elderly	3

Electives - Select one "Track" 6

Track 1 - Individualized/Community Outreach (Choose Two Courses)

PSYC-406	Aging And The Family
PSYC-412	Psychopathology And Aging
PSYC-414	Psychotherapy Of The Elderly
PSYC-434	Aging Services Network

Track 2 - Public Policy/Administration (Choose Two Course)

PSYC-428	Aging And Cultural Diversity In The U.S.
PSYC-432	Meanings Of Old Age
PSYC 455	Topics In Gerontology

Total Hours

21

Major in Psychology

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Psychology for the Bachelor of Arts Degree

Required Courses

PSYC-200	General Psychology	4
PSYC-202	Writing Intensive Program: Statistics And Research Methods I	3
PSYC-302	Statistics And Research Methods II	3
Select one of the following:		3
PSYC-308	Laboratory, Research Methods In Psychology: Tests And Measurements	
PSYC-316	Laboratory, Research Methods In Psychology: Child Development	
PSYC-331	Laboratory, Research Methods In Psychology: Personality Development	
PSYC-341	Laboratory, Research Methods In Psychology: Clinical	
PSYC-351	Laboratory, Research Methods In Psychology: Physiological Psychology	
PSYC-361	Laboratory, Research Methods In Psychology: Social Psychology	
PSYC-374	Laboratory, Research Methods In Psychology: Perception	

Select one course from each of the following areas: 9

Core A:

PSYC-350	Physiological Psychology
or PSYC-370	Theories Of Learning
or PSYC-373	Human Perception

or PSYC-375	Cognitive Psychology	
Core B:		
PSYC-330	Psychology Of Personality	
or PSYC-340	Abnormal Psychology	
Core C:		
PSYC-310	Developmental Psychology	
or PSYC-360	Social Psychology	
Two electives in psychology (200 or 300 level, up to one 200 level may be used)		6
Senior Capstone Project (proposed in advance with assistance from your faculty advisor and approved by department chairperson)		3
Total Hours		31

NOTES: Psychology courses used as electives within the major must be at the 200 or 300 level. No more than one 200 level course may be used here.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

	Hours
Term 1	
ENGL-101	3
FYE Course	3
General Education-Social/Behavioral	3
General Education-Humanities	3
General Education-Natural Science	3
<hr/>	
Term Hours	15

Term 2	
ENGL-102	3
PSYC-200	4
General Education-Fine Arts	3
General Education-Natural Science	3
Elective/Minor	3
<hr/>	
Term Hours	16

Second Year

Term 1	
PSYC-202	3
	3
300-Level PSYC Elective	3
General Education-Natural Science (Lab)	3
General Education-Humanities	3
Elective/Minor	3
<hr/>	
Term Hours	15

Term 2	
Elective/Minor	3
General Education-Fine Arts	3
General Education-Social/Behavioral	3
PSYC Core B	3
PSYC-302	3
<hr/>	
Term Hours	15

Third Year

Term 1	
PSYC Core A	3
PSYC Core C	3
General Education-Humanities	3
Elective/Minor	3
Elective/Minor	3
<hr/>	
Term Hours	15

Term 2	
PSYC Lab	3
General Education-Human Relations	3
Elective/Minor	3

Elective/Minor		3
Elective/Minor		3
		<hr/>
	Term Hours	15
Fourth Year		
Term 1		
PSYC Capstone Course		3
Elective/Minor		3
Elective/Minor		3
Elective/Minor		3
Elective/Minor		3
		<hr/>
	Term Hours	15
Term 2		
Elective/Minor		3
Elective/Minor		3
Elective/Minor		3
Elective/Minor		3
Elective/Minor		3
		<hr/>
	Term Hours	15
		<hr/>
	Total Hours:	121

Master of Arts in Gerontology

Master of Arts in Gerontology

The master's degree program in gerontology is a multidisciplinary degree intended to provide both breadth and depth in the study of aging. The required portion of the 36 credit program consists of three parts: The classroom component consists of seven required courses (21 credits), the experiential component consists of an internship (3 credits) and the capstone component involves a thesis (3 credits). In addition to the internship, a practicum is required for those students who do not have prior experience in the field. The thesis may be in basic or applied research or may be a theoretical integration of a topic area.

The combination of required and elective courses prepares graduates to assume positions of responsibility in direct service, administration, social policy, and research with, or on behalf of, older people.

By design the program is part-time, with courses offered in the evening and Saturdays. A student may complete all but the thesis in three academic years by enrolling in one course in the first semester and two courses each semester thereafter. The thesis is the final course and is usually taken after all classroom work is completed.

Requirements for Admission to the Program:

Students must fulfill the general admission requirements of the Graduate College at Northeastern Illinois University.

Students seeking admission to the M.A. in Gerontology program must have completed 15 undergraduate credits in the social sciences (anthropology, psychology, political science, sociology, etc.) In addition, applicants must have completed one (3 credit) course in statistics. If applicants meet all other requirements, the statistics requirement may be fulfilled after conditional admission to the Program. In this case they will be expected to complete an undergraduate course in statistics before being allowed to enter PSYC-408 and before filing for degree candidacy. The undergraduate statistics course does not count toward the 36 hours for the M.A. degree.

Requirements for the Degree:

For students admitted to Master's programs prior to the Fall 1997 semester, the majority of courses applied to the Master's degree must be 400-level; a limited number of appropriate 300-level courses are applicable.

Required Courses

PSYC-401	Gerontology: An Overview	3
PSYC-402	Developmental Processes In Later Life	3
PSYC-403	Developmental Processes In Aging:Physiological Aspects	3
PSYC-408	Research Methods	3
PSYC-418	Public Policy And Aging	3
PSYC-426	Values, Decision Making And The Elderly	3
PSYC-420	Seminar In Proposal Writing	3
Total Hours		21

Required Field Experience

For those without previous experience in the field		3-6
PSYC-415	Practicum In Gerontology	
PSYC-416	Internship In Gerontology	
For those with demonstrated experience		
PSYC-416	Internship In Gerontology	
Total Hours		3-6

Required Capstone Experience

Thesis Hours - PSYC 5901, 5902, 5903

Elective Courses

6-9

These electives may be courses from within the PSYC curriculum or other departments such as Counseling, Political Science, Human Resource Development or Business and Management. See faculty advisor for listing of approved electives.

Total Hours

36

M.A. in Gerontology:

New non-Thesis Graduation Option

Beginning Spring 2010, the M.A. in Gerontology program will offer the choice of a two-part comprehensive exam (i.e., (1) written multiple-essay comprehensive exam and (2) fully-developed research proposal) in lieu of completing a full thesis. Students will be required to do an oral presentation (“defense”) of their research proposal. This non-Thesis option achieves the goals of the program and the gerontology field in training knowledgeable and competent researchers and practitioners.

Minor in Gerontology

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Gerontology (18 credit hours)

The minor in gerontology is designed to provide a broad, interdisciplinary introduction to various aspects of aging, and to prepare students to become professionals in aging-related fields. The minor consists of a core classroom component (12 credit hours), the field component (3 credit hours), and the interdisciplinary component (3 credit hours).

Required Courses

PSYC-301	Research In The Social Sciences	3
PSYC-324	Geropsychology	3
PSYC-325	Psychosocial Development And Aging	3
PSYC-328	Seminar In Aging	3
PSYC-391	Field Experiences In Psychology I	3
One interdisciplinary elective course from the department's approved list		3
Total Hours		18

Note: Gerontology minors who are also Psychology Majors and therefore are taking PSYC-202 and PSYC-302 may substitute another gerontology or related course in place of the minor required PSYC-301 Research Methods course, upon approval by the department chair.

Field Experience

Academic credit may be earned through relevant work at field sites such as human service agencies, community organizations, schools, and business. The experience may include direct work with clients, case management, observation, outreach, tutoring, program evaluation and development, or

research. The Field Experience program serves to integrate theoretical concepts with practical experience. Training is jointly supervised by a field supervisor on site and a faculty member on campus. Information about undergraduate field experience may be obtained from the program advisor in the psychology department.

Minor in Psychology

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Psychology (19 credit hours)

Required Courses

PSYC-200	General Psychology	4
PSYC-202	Writing Intensive Program: Statistics And Research Methods I	3
Select one course from each of the following areas:		9
Core A:		
PSYC-350	Physiological Psychology	
or PSYC-370	Theories Of Learning	
or PSYC-373	Human Perception	
or PSYC-375	Cognitive Psychology	
Core B:		
PSYC-330	Psychology Of Personality	
or PSYC-340	Abnormal Psychology	
Core C:		
PSYC-310	Developmental Psychology	
or PSYC-360	Social Psychology	

2 *Minor in Psychology*

One elective in psychology (200 or 300 level)

3

Total Hours

19

Social Work

The Social Work Program offers a Bachelors of Arts Degree in Social Work (BASW) accredited by the Council on Social Work Education. The curriculum is designed to prepare beginning level generalist social work practitioners who are committed to the values and ethics of the profession and the provision of quality services to diverse clients. Coursework and field experiences expose students to a variety of social work settings and clients who represent diverse socio-cultural backgrounds.

The Social Work Program also offers a Masters in Social Work degree (MSW). The Masters degree program in social work is designed to prepare advanced social work practitioners who can serve vulnerable populations and contribute to their functioning and well-being. There are two levels of curriculum: the foundation and the advanced. The foundation curriculum consists of 30 credit hours, preparers done for generalist practice with individuals, groups, communities and organizations and is similar to the curriculum for the bachelor's degree in social work. The advanced level curriculum is built upon the foundation curriculum and prepares students for direct and indirect practice categorized as concentrations. The concentration offered is Practice with Vulnerable Populations.

The Social Work Program faculty members represent a number of practice perspectives and theoretical approaches as well as work with a variety of populations in the area of child welfare, family, immigration, mental health, domestic violence, and social justice issues.

- Major in Social Work (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/social-work/social-work>)
- Minor in Social Work (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/social-work/minor-social-work>)
- Master of Social Work (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/social-work/master-social-work>)

Jade Stanley, Ed.D., Professor, Chair

Jacqueline Anderson, Ph.D., Associate Professor

Andrew Brake, Ph.D., Assistant Professor

Troy Harden, Ed.D, Associate Professor

Aimee Hilado, Ph.D., Assistant Professor

Jin Kim, Ph.D., Associate Professor

Job Ngwe, Ph.D., Professor

Milka Ramirez, Ph.D., Assistant Professor

SWK-109. First Year Experience: Search For Meaning Of Life. 3 Hours.

The social work profession seeks to help people live happily and productively with joy and purpose and meaning. Social work values diversity including what the oldest wisdom traditions teach us about the meaning of life. In this course, we will visit sacred places in Chicago to experience the teachings and practices of six wisdom traditions- Christian, Jewish, Islam, Buddhist, Hindu and Native American - to learn what they can tell us about living joyfully and purposefully.

SWK-200. Introduction To Social Work. 3 Hours.

Overview of the social work field, its philosophical basis, historical development and future growth; introduction to the concept of generalist practice.

SWK-202. Community Analysis. 3 Hours.

Methods of conducting research on local communities and racial/ethnic backgrounds. Role of culture in human behavior and how one's culture interfaces with other cultures. This is a values and knowledge elective course.

Prerequisite: SWK-200 minimum grade of C.

SWK-203. Analysis Of Cross Culture Interaction. 3 Hours.

This is a pre-practice elective. Development of sensitivity when interacting with persons of diverse racial- ethnic backgrounds. Role of culture in human behavior and how one's culture interfaces with other cultures.

SWK-206. Human Behavior And The Social Environment I. 3 Hours.

SWK-207. Social Welfare Policy I. 3 Hours.

Convers content on the history of social welfare, current social welfare programs and the societal values that underline these provisions.

SWK-208. Human Sexuality And Social Work. 3 Hours.

Knowledge of sexuality as it is expressed in a variety of lifestyles and the application of social work values and ethics when working with sensitive issues in sexuality. This is a values and knowledge elective course.

SWK-250. Issues In Social Service Delivery. 3 Hours.

Covers major problems and issues in the field of social work. Topics vary. This is a values and knowledge elective course.

SWK-301. Social Work And The Law. 3 Hours.

This course will introduce and provide a basic understanding to the social work student of the law, legal processes, and legal systems as they relate to social work fields' of practice. This course will challenge students to consider and begin to understand how the fields of social work and law intersect. They will develop an understanding of how the practice of social work is continually influenced and, often time regulated, by legislative and judicial decisions. The student will begin to explore how to advocate within the legal system on behalf of the populations that they serve. This is a values and knowledge elective course.

Prerequisite: SWK-200 minimum grade of C.

SWK-302. Social Work Practice In Community Settings. 3 Hours.**SWK-303. Writing Intensive Program: Human Behavior And The Social Environment I. 3 Hours.**

A first course of a two-part sequence designed to develop understanding about human behavior and the social environment. Students will enhance their critical thinking skills by focusing on analyzing how people understand themselves, how people create meaning in their lives, how people change, and how your own perspective influences understanding client-systems. The generalist practice model is used to understand the central principles of empowerment: client capacity, resiliency, opportunities, context, constitution and construction. As a writing intensive course students develop the fundamentals of professional writing skills for the social work field.

Prerequisites: SOC-100 and PSYC-100 and PSYC-110 and ANTH-212 and BIO-100 and MATH-103 - 499 and SWK-200 and ENGL-101 - 102.

SWK-304. Social Work Practice I. 3 Hours.

A first course in a two-part sequence designed to provide the student with a foundation in generalist social work practice i.e. knowledge, values and skills. The central premise is that generalist practice is about client empowerment through collaborative work with clients. This involves empowerment of clients through preparation for first contact, learning how to dialogue across client systems, learning how to define directions with the client and collaborating about the client needs and resources. Bridging knowledge from HUBSE I is done through practical application.

Prerequisites: SOC-100 and PSYC-100 and PSYC-110 and ANTH-212 and BIO-100 and MATH-103 - 499 and SWK-200 and ENGL-101 - 102.

Corequisite: SWK-303.

SWK-305. Social Work Practice II. 3 Hours.

The second course of a two-semester practice foundation. Course content will focus on the social work processes of goal setting, application of models for action, and integrating gains in the generalist method of practice. The social worker's role and activities will be examined in light of the values and ethics of the profession, which includes conducting oneself as an ethnically sensitive worker with diverse client systems in the urban environment.

Prerequisite: SWK-304 minimum grade of C.

SWK-306. Human Behavior In The Social Environment II. 3 Hours.

This is the second course in the Human Behavior and Social Environment foundation area. It is designed to examine the dynamic interplay between the individual's development and the functioning of groups, families, organizations and communities and builds on the objectives of SWK-300 HUBSE I. Each unit integrates the student's knowledge about the generalist model, the concepts assumptions within, understanding of the concept of self, the value of honoring diversity and the commitment to social and economic justice.

Prerequisite: SWK-303 minimum grade of C or SWK-206 minimum grade of C.

Corequisite: SWK-305.

SWK-307. Services To Children & Adolescents. 3 Hours.

This course focuses on multiculturally competent social work practice with children and adolescents living in diverse family arrangements. The continuum of services and resources available to children and adolescents and the roles and functions of the social worker in these settings are examined. Economic, social, and psychological concerns of vulnerable children are identified, and intervention strategies that will effectively meet these needs will be addressed. Students are presented with specialized knowledge and skills essential for working with children and adolescents will be examined. Issues will include child abuse, neglect and child sexual abuse. This is a values and knowledge elective course.

Prerequisites: SWK-200 minimum grade of C and SWK-207 minimum grade of C.

SWK-308. Social Work Practice With Immigrants & Refugees. 3 Hours.

Professional social work in the United States began in the late 19th century largely as a response to what was then the largest wave of immigration to this country. Jane Addams's Hull House settlement house served many of Chicago's newly arrived European migrants helping them adjust to life in their new home. Today, we are in the midst of another great wave of migrants; 12% of the U.S. population is foreign-born, representing over 35 million individuals. This group of immigrants are much more diverse racially, ethnically, and socio-economically than ever before. This diversity presents a unique set of challenges for policymakers and practitioners trying to facilitate their adaptation to the US. This course is thus designed to help students planning to work with foreign-born populations (and their offspring) gain the knowledge and skills necessary to address their needs. This is a values and knowledge elective course.

Prerequisites: SWK-200 minimum grade of C and SWK-207 minimum grade of C.

SWK-309. Research And Quantitative Applications In Social Work. 3 Hours.

Content on basic and applied research concepts and methodology; assessment of empirical research published in professional social work literature; interpretation of statistical analyses.

Prerequisites: SOC-100 and PSYC-100 and PSYC-110 and ANTH-212 and BIO-100 and MATH-103 - 499 and SWK-200 and ENGL-101 - 102.

SWK-310. Research Practicum In Social Work I. 3 Hours.

This course is designed to prepare students to conduct qualitative research in their field practicum agency. At the completion of the course each student will begin a detailed proposal for research that will be completed in the subsequent term. The course will cover the various approaches to qualitative research e.g. ethnographic theory, narrative and the case study. Special attention will be given to problem formulation, literature review, and data collection techniques.

Prerequisite: SWK-309 minimum grade of C.

Corequisites: SWK-355, SWK-353.

SWK-311. Research Practicum In Social Work II. 3 Hours.

The focus of this course is the continuation of the research proposal begun in SWK-310- Research Seminar I, which includes procedures, research design, data analysis, interpreting and coding data and evaluation. Attention will be given to ethical considerations and considerations of race, gender, culture and sexual orientation.

Prerequisite: SWK-310 minimum grade of C.

Corequisite: SWK-356.

SWK-312. Women And Social Work. 3 Hours.

Women and Social Work is an elective course focusing on women's issues in social work, both for women as social work practitioners and for women as clients/ participants in social service delivery systems. The course will cover aspects of feminist thought, non-sexist therapy, feminist therapy, sexist biases in research, feminist research in social work and social welfare policies and practice which have an impact on women. This is a values and knowledge elective course.

SWK-313. Child Advocacy Studies: Assessment And Evaluation. 3 Hours.

This course provides a survey of the emerging field of Child Advocacy Studies, which researches and seeks remedies for the maltreatment of children and youth, including specific acts of violence and neglect, in the context of the pernicious effects of racism, poverty, sexism, and heterosexism, including the unique problems faced by immigrant and displaced children. The course examines the various economic, political, social and cultural circumstances that may contribute to the abuse and maltreatment of children and youth. It also teaches students about the strategies and tactics used by various local governmental and nongovernmental agencies, courts and medical establishments to address these problems. This is an elective class for Social Work majors and minors, and one of the required courses in the sequence for a Child Advocacy Studies minor.

SWK-314. Social Work Advocacy. 3 Hours.

This course is designed to enhance students' understanding of social work advocacy. It is an elective course and is geared to develop an awareness about social work advocacy and its role in: organizational change, political campaigns and lobbying. This is a values and knowledge elective course.

SWK-320. Domestic Violence Social Work:Theory And Practice. 3 Hours.

This course will explore the theory and research on the causes of abuse, including individual and family factors, intergenerational aspects, gender issues, community and societal influences, as well as cultural factors. Strategies and treatment for alleviating family violence will be explored, including systems which are currently in place and other societal systems of response to this social problem. This is a skills elective course.

Prerequisites: SWK-200 minimum grade of C and SWK-207 minimum grade of C.

SWK-321. Social Work Practice In Schools. 3 Hours.

This elective course will present essential knowledge and skills for engaging in effective generalist social work practice with youth and families in public elementary, middle, and high schools. It will focus on four key domains of social work practice in school settings: 1) culturally competent practice, 2) social emotional learning, 3) positive youth development, and 4) community collaboration. Drawing upon a comprehensive community schools framework, students in this course will be exposed to the current research, critical issues, and essential practice skills relevant to generalist social work practice in schools.

Prerequisites: SWK-200 minimum grade of C and SWK-207 minimum grade of C and SWK-303 minimum grade of C and SWK-304 minimum grade of C.

SWK-322. Writing Intensive Program:International Social Work. 3 Hours.

This course is intended to provide students with an understanding of social policy issues and programs in other countries. Examination of the political, economic, and social conditions that either enhance or impinge upon the wellbeing of people and policy development will be explored. Students will utilize critical thinking skills to deepen their understanding of international social work issues. Students will be able to understand how cultural values and beliefs are translated into policies and enacted through programs. This is a skills elective course.

Prerequisites: ENGL-101 minimum grade of C and SWK-303 minimum grade of C and SWK-304 minimum grade of C.

SWK-323. Social Work With Immigrants & Refugees. 3 Hours.

This course is designed to help students planning to work with immigrant and refugee populations gain the knowledge and skills necessary to address their needs. This course connects the social work profession's values of diversity, social justice, and social change to social policy and direct practice with the foreign-born. This is a skills elective course.

Prerequisites: SWK-200 minimum grade of D and SWK-207 minimum grade of D.

SWK-324. Social Work With Latino Communities. 3 Hours.

This course is designed to help students gain the knowledge and skills necessary to address the needs of the Latino community. This course will use applied learning and participatory action research methods to connect the social work profession's values of diversity, social justice, and social change to positively affect the development of local Latino communities. This is a skills elective course.

Prerequisites: SWK-303 minimum grade of C and SWK-304 minimum grade of C.

SWK-325. Elective Practicum In Social Work. 3 Hours.

This is a post-practice elective course. Internship in social service agency in which students are exposed to various experiences. Open to SWK majors only. This is a skills elective course.

SWK-326. Independent Study In Social Work. 3 Hours.

SWK-327. Social Work Practice With Families. 3 Hours.

This is a post-practice elective course. Overview of the field of family therapy; various approaches, differences in their underlying theoretical assumptions and their application in social work, family assessments and interventions. This is a skills elective course.

SWK-328. Social Work With Groups. 3 Hours.

This is a post-practice elective course, majors only. The purpose of this course is to emphasize concepts, methods and issues in social group work practice beyond what has been learned in SWK Practice I II. The focus will be on group work theory and practice as it applies to different practice settings and different populations. Emphasis will be placed on the social worker's developing self-awareness, ethical competence and practice skills in working with groups. This is a skills elective course.

Prerequisites: SWK-304 minimum grade of C and SWK-303 minimum grade of C and SWK-207 minimum grade of C and SWK-200 minimum grade of C.

SWK-329. Administration And Planning In Social Work. 3 Hours.

This is a post-practice elective course, majors only. It is designed to expose the beginning level practitioner to administrative and planning functions with emphasis on how these impact the direct service practitioner. This is a skills elective course.

SWK-330. Social Work Practice In Community Settings. 3 Hours.

This is a post-practice elective course. Structure and functions of communities and models of community organizing; development of community organizing skills. This is a skills elective course.

SWK-353. Field Seminar I. 3 Hours.

Taken concurrently with SWK-355. Integration of knowledge, values and skills with experience in the field practicum.

Prerequisites: SWK-305 minimum grade of C and NEIU Engl Comp Reading PASS and NEIU Engl Comp Writing PASS.

Corequisites: SWK-355, SWK-310.

SWK-354. Field Seminar II. 3 Hours.

Taken concurrently with SWK-356. Continuation of SWK-353.

Prerequisites: SWK-310 minimum grade of C and SWK-353 minimum grade of C and SWK-355 minimum grade of C.

Corequisites: SWK-356, SWK-311.

SWK-355. Field Practicum I. 3 Hours.

Taken concurrently with SWK-353. Beginning field experience; students are placed in a social work agency providing the opportunity to develop, test and reinforce social work knowledge, values and skills.

Prerequisite: SWK-305 minimum grade of C.

Corequisites: SWK-353, SWK-310.

SWK-356. Field Practicum II. 3 Hours.

Taken concurrently with SWK-354. Continuation of SWK-355.

Corequisites: SWK-354, SWK-311.

SWK-357. Social Welfare Policy II. 3 Hours.

Critical analysis of social welfare policies and programs; focus on the impact of policy on direct practice.

Prerequisite: SWK-207 minimum grade of C.

SWK-358. Social Work Advocacy. 3 Hours.

SWK-400. Overview Of The Social Work Profession. 3 Hours.

Overview of the Social Work Profession is a 3 credit hour course for students who have a bachelor's degree in a major other than social work. This course is designed to provide students with an overview of the profession providing a context of the knowledge, values, and skills in the social work profession. The course covers the history of social work, the values and ethics of the profession, the perspectives of empowerment and social justice, the varied fields of social work practice, and how social workers help individuals, families, groups, and society.

SWK-401. Cultural Competence In Social Work. 3 Hours.

The course provides an overview of the conceptual and theoretical knowledge related to difference, oppression, social justice, and empowerment.

Students explore power issues in race, class, gender, sexual orientation and other societal forces that affect individuals. This course provides a forum for students to critically examine their assumptions, beliefs, and behaviors and reflect on how these personal ethics and values enhance or hinder their work with people of diverse backgrounds.

Prerequisite: SWK-400 minimum grade of B.

SWK-402. Human Behavior And The Social Environment I. 3 Hours.

This is the first half of a two-semester sequence designed to inform students about human development throughout the life course. Students will gain an understanding of the reciprocal interaction between individuals and the ecological context in which they live and grow. This first course focuses on theories and research findings related to: 1) the Eco-systemic approach to social work practice; 2) the functioning of individuals, families, and communities; and 3) the analysis of human development theories from birth through late-childhood and preadolescence. The semester will also include an overview of the mission of social work and the value base of the profession.

Corequisite: SWK-403.

SWK-403. Generalist Practice I. 3 Hours.

This course introduces students to generalist social work practice and addresses values, knowledge, skills, issues and processes relevant to social work practice regardless of client population, size of client system, or type of agency setting. The course focuses on basic social work practice principles, concepts, goals, and methods. Particular attention is paid to culturally diverse and oppressed populations. This course includes a practice skills laboratory in which students have the opportunity to practice their relationship building, interviewing, and assessment skills. The practice skills laboratory is also designed to give students the opportunity to integrate fieldwork experiences with classroom learning.

Corequisite: SWK-402.

SWK-404. Human Behavior And The Social Environment II. 3 Hours.

This is the second of a two-semester sequence that examines human development throughout the life cycle and the interaction of individuals with environmental conditions. This course covers the stages of human development from adolescence through old age and focuses on the effects of diversity and oppression on the development and functioning of individuals. The course also focuses on the relationship between individual development and broad, environmental factors that affect individual development. Particular attention is given to issues related to mental health and mental illness. In addition, the examination of the impact of immigration across the life course is examined.

Prerequisite: SWK-402 minimum grade of B.

Corequisite: SWK-405.

SWK-405. Generalist Practice II. 3 Hours.

Generalist Practice II is the second part of a two-semester sequence and addresses values, knowledge, skills, issues and processes which are relevant to clinical social work practice regardless of agency setting. This course uses an ecosystems assessment perspective and a problem solving process as the framework for intervention. Particular attention is paid to cultural diversity and the dynamics of oppression in clinical social work practice. This course also includes a concurrent practice skills laboratory in which students have the opportunity to practice their clinical social work practice skills.

Prerequisite: SWK-403 minimum grade of B.

Corequisite: SWK-404.

SWK-406. Social Welfare Policy. 3 Hours.

This course is designed to provide students with an overview of the major social welfare policies such as health care, children and families, poverty, mental health, and substance abuse, and provides a conceptual framework in which these policies are analyzed. Students learn the underlying values that are used to formulate such policies as well as debate the direction of policy changes. It examines the government's role in the development of social policies and the social work role in advocating for change. Special emphasis is placed on how these social welfare policies affect diverse population. This course is for graduate social work students.

Requirements: Bachelor's Degree and admission to the graduate program in social work.

SWK-407. Social Work Research. 3 Hours.

This foundation research course is designed to provide the students with an overview of the scientific research process, to enable students to critique research, and prepares students to develop a research proposal. The course covers the research formulation process, research methodology, and research findings and their implications for further research. Emphasis is placed on critiques of actual research appearing in the social work literature and the development of a research proposal on a topic in social work. It is expected at the completion of this course students will be prepared to engage in a research project in the advanced curriculum.

SWK-415. Foundation Field Practicum I. 3 Hours.

This course is the first of a 2-semester sequence and provides students with a generalist practice experience with individuals, families, small groups, and communities. Students spend 240 clock hours in an agency for the 3 credit hours of course work. Students are integrating classroom learning such as communication skills, professional values and ethics, and practice models with multiple system levels. They also are learning to employ a bio-psycho-social assessment model and utilize a strengths perspective with client systems. In addition, students are learning how important it is to evaluate their practice.

Requirement: Admission to the graduate social work program and approval of the Field Placement Application.

SWK-416. Foundation Field Practicum II. 3 Hours.

This course is the second course in a 2-semester sequence and provides students with a generalist practice experience with individuals, families, groups, and communities. Students spend 240 clock hours in an agency for the 3 credit hours of course work. Students are integrating classroom learning such as communication skills, professional values and ethics, and practice models with multiple system levels. They also are learning to employ a bio-psycho-social assessment model and utilize a strengths perspective with client systems. In addition, students learn to evaluate their practice.

Prerequisite: SWK-415 minimum grade of B.

SWK-430. Transition To The Advanced Curriculum. 4 Hours.

This course is designed to enable those who have a Bachelor's in Social Work to transition to the advanced curriculum. This course provides an overview of the foundation curriculum and ensures the consistency in exposure to this foundation curriculum between those who are full-program students and those who are advanced standing degree program students. The students will then complete short papers that allows the demonstration of the primary concepts and principles in the foundation areas.

Requirements: Admission to the Advanced Standing Degree graduate program in social work; a bachelor's degree in social work within the past 10 years.

SWK-431. Social Work Practice With Families. 3 Hours.

Building on a bio-psycho-social spiritual framework, this advanced practice course utilizes a case analysis format to focus on clinical practice skills within the context of culture. Specific strategies and tools for evaluating clinical social work practice and ethical dilemmas that arise in clinical social work practice are addressed. The course emphasizes the ways in which socio-economic status, ethnicity, sexual orientation, race, gender, and physical and mental disability affect the processes of clinical assessment and intervention. In addition, this course addresses the role of the clinical social worker when advocating for social and economic justice on behalf of their clients.

Requirement: Completion of the foundation curriculum or admission to the advanced standing graduate degree program.

SWK-432. Family-centered Policy. 3 Hours.

The course enables students to learn about child and family-centered policy and to critically analyze these policies using a conceptual framework. This course examines the various effects policies and programs have on different types of families and different aspects of family functioning. The course focuses on the connections between public policies and the values that enter into policy debates and explores the reciprocal linkages between family functioning and public policies at the federal, state, and local levels.

Requirement: Completion of the foundation curriculum or admission to the advanced standing graduate degree program.

SWK-433. Social Work Practice With Children. 3 Hours.

This course is designed to enhance knowledge, values and skills for practice with children. The course prepares advanced practitioners to provide culturally competent services for a broad range of families and children. This course emphasizes the provision of services for children and their families that enhance and support family life as well as substitute a home life for those who need this. The course focuses on a full range of services available for children and families and emphasizes the impact of these various services. The course also covers various treatment approaches especially for children who are traumatized.

Requirement: Completion of the Foundation Curriculum or admission to the advanced standing graduate degree program.

SWK-434. Child Welfare Policy And Legislation. 3 Hours.

This course is designed to enable students to analyze policies affecting children and to prepare students to function in the legal system on behalf of children. This course provides students an overview of the federal and state policy in child welfare and the legal system which provides oversight of these policies. The course equips students with the knowledge and skills to advocate on their behalf children.

Requirement: Completion of the foundation curriculum or admission to the advanced standing graduate degree program.

SWK-441. Empowerment And Change. 3 Hours.

This course is designed to provide students with a social justice and empowerment framework for understanding the need to promote social change. The concept of social justice is analyzed emphasizing the moral and ethical imperative to seek the eradication of social injustice. The concept of empowerment is examined as a framework for understanding the process of advocacy and social change. The contexts of advocacy as well as the various models of advocacy are covered. Strategies and tactics of advocacy are presented with an emphasis on the challenges and dilemmas of implementation.

Requirement: Completion of the foundation curriculum or admission to the advanced standing graduate degree program in social work.

SWK-442. Political Advocacy. 3 Hours.

This course provides an overview of the role of social workers within the electoral and legislative arenas. The nature of the legislative policy making process and the role of partisan politics in the policy-making process is explored. The course focuses on selected strategies and tactics of advocacy aimed at changing legislation. Topics covered include lobbying, coalition-building, and legal and ethical dilemmas in building or strengthening the power base for advocacy.

Requirement: completion of the Foundation Curriculum or admission to the Advanced Standing program in social work.

SWK-443. Social Justice And Social Change. 3 Hours.

The purpose of this course is to provide students with a theoretical conceptualization of social justice and enable them to use this knowledge to bring about social change. Various aspects of social justice is explored and specific areas of social injustices is examined. Both economic and social justice for specific vulnerable populations are examined. At the completion of the course it is expected that students gain a firm grasp of the mission of social justice in the social work profession.

Requirement: Completion of the foundation curriculum or admission to the advanced standing graduate degree program.

SWK-444. Community Advocacy. 3 Hours.

This course is designed to prepare students to lead in the development of grassroots activities that will bring about change. Students learn to utilize their knowledge of the process of advocacy to accomplish the tasks that will bring about change. Students learn how to assess community readiness for change and design the elements for bringing about change. The topics covered in this course are capacity-building, collaboration, fundraising, marketing, and using the media and persuasion. Students also learn how to evaluate these efforts to strengthen future work on community change.

Requirement: completion of foundation curriculum or admission to the advanced standing program in social work.

SWK-470. Immigration Practices. 3 Hours.

This course is designed to help students work with foreign-born populations (and their offspring) develop advanced knowledge and practice skills necessary to address their needs. This course will cover issues related to the demographics of immigrant refugees, culturally competent practice at the micro- and mezzo- levels of practice, and an in-depth exploration of legal and policy issues that affect the foreign-born in the United States.

Requirement: completion of foundation curriculum or admission to the advanced standing program of social work; permission of the instructor.

SWK-471. Practice With Lesbian, Gay Bisexual, Transgender And Queer Population. 3 Hours.

This course is designed to enhance student understanding of issues related to LGBT populations in the U.S. Students will be exposed to empirical literature on LGBT issues that will inform an understanding of past, present and future challenges facing the LGBT communities. Raising students' awareness of personal, interpersonal and institutional values and biases is examined and a life cycle perspective is presented to highlight the unique issues of LGBT communities. Students are introduced to the history of the LGBT civil rights movements and the underlying theories of sexual orientation and sexual identity formation.

Requirement: Completion of the foundation curriculum or admission to the advanced standing graduate degree program.

SWK-472. Trauma Treatment With Children And Families. 3 Hours.

This course is designed to provide students with intermediate knowledge and skills to assess the impact of potentially traumatic events and to plan for evidence informed interventions across a variety of family system. The impact of trauma is considered within the context of biological, developmental, psychological, economic, educational, cultural, and social factors. The role of the therapist is covered and intervention techniques that empower families is presented. Consideration is given to those factors that enhance the protective capacity, strengths and resilience of children and their families who have been exposed to violence, abuse and trauma.

Requirement: Completion of the foundation curriculum or admission to the advanced standing graduate degree program in social work.

SWK-473. Topics In Advocacy. 3 Hours.

The purpose of this course is to enable students to design an advocacy project in a specified topic area. Students select a topic of their choice and complete the project in its entirety. The class focuses on the steps or process for launching an advocacy project from assessing the need, mobilizing resources, and engaging in activities. At the conclusion of the course students evaluate their efforts and identify the next steps.

Requirement: Completion of the foundation curriculum or the Bachelor's Degree in Social Work.

SWK-474. Social Work And The Law. 3 Hours.

This course examines the law, legal processes, and legal systems as they relate to social work fields' of practice. The course challenges students to consider how the fields of social work and law intersect. Throughout the course, students critically analyze how the practice of social work is continually influenced by judicial decisions. The students also attain skills in advocating within the legal system on behalf of the populations that they serve.

Requirement: Completion of the foundation curriculum or admission to the advanced standing graduate degree program.

SWK-491. Advanced Research I. 2 Hours.

This course is designed to enable students to develop a research proposal that will be carried out in the following semester. The course focuses on the elements of a research proposal and the steps in developing the proposal. The course helps students decide on the topic and move this to a research problem. The course also facilitates the literature review and helps in the design of the research methodology. In addition, students learn about the limitations of their research as well as the significance.

Requirement: Completion of the foundation curriculum or bachelor's degree in social work and admission to the advanced standing graduate degree program in social work

Corequisite: SWK-495.

SWK-492. Advanced Research II. 2 Hours.

This course is designed to afford students the opportunity to implement the research project for which they developed a research proposal in the previous term. Students must have received the approval of the NEIU Institutional Review Board prior to conducting this research. This course is to assist students in the collection and analysis of their data as well as the identification of the contributions and limitations and the implications of this research.

Requirement: Completion of the foundation curricula or admission to the advanced standing graduate degree program in social work

Prerequisite: SWK-491 minimum grade of B.

Corequisite: SWK-496.

SWK-495. Advanced Field Practicum I. 4 Hours.

This is an advanced practicum designed to engage students in experiences and activities in their concentration. This is the first semester of a 2-semester sequence and is designed to expose students to the roles and tasks of a professional social worker in their desired concentration.

Requirement: Completion of the foundation curriculum or admission to the advanced standing graduate degree program in social work

Corequisite: SWK-491.

SWK-496. Advanced Field Practicum II. 4 Hours.

This is an advanced practicum designed to engage students in experiences and activities in their concentration. This is the second semester of a 2-semester sequence and is designed to further students learning and advance their understanding of the roles and tasks of a professional social worker in their desired concentration.

Requirement: Completion of the foundation curriculum or admission to the advanced standing graduate degree program in social work

Prerequisite: SWK-495 minimum grade of B.

Corequisite: SWK-492.

Major in Social Work

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Social Work for the Bachelor of Arts Degree

Required Courses

Liberal Arts		
ANTH-212	Introduction To Cultural Anthropology	3
BIO-100	Introduction To Biology	3
PSYC-100	Survey Of Psychology	3
PSYC-110	Life Span Development	3
SOC-100	Introduction To Sociology	3
Social Work		
SWK-200	Introduction To Social Work	3
SWK-207	Social Welfare Policy I	3
SWK-303	Writing Intensive Program: Human Behavior And The Social Environment I	3
SWK-304	Social Work Practice I	3
SWK-305	Social Work Practice II	3
SWK-306	Human Behavior In The Social Environment II	3
SWK-309	Research And Quantitative Applications In Social Work	3
SWK-310	Research Practicum In Social Work I	3
SWK-311	Research Practicum In Social Work II	3

SWK-353	Field Seminar I	3
SWK-354	Field Seminar II	3
SWK-355	Field Practicum I	3
SWK-356	Field Practicum II	3
SWK-357	Social Welfare Policy II	3
Electives in Social Work		
Select one of the following Values and Knowledge electives:		3
SWK-202	Community Analysis	
SWK-203	Analysis Of Cross Culture Interaction	
SWK-208	Human Sexuality And Social Work	
SWK-250	Issues In Social Service Delivery	
SWK-301	Social Work And The Law	
SWK-307	Services To Children & Adolescents	
SWK-312	Women And Social Work	
SWK-308	Social Work Practice With Immigrants & Refugees	
SWK-314	Social Work Advocacy	
SWK-320	Domestic Violence Social Work:Theory And Practice	
Select one of the following Skills electives:		3
SWK-322	Writing Intensive Program:International Social Work	
SWK-323	Social Work With Immigrants & Refugees	
SWK-324	Social Work With Latino Communities	
SWK-327	Social Work Practice With Families	
SWK-328	Social Work With Groups	
SWK-329	Administration And Planning In Social Work	
SWK-330	Social Work Practice In Community Settings	
Total Hours		63

Students must maintain a 2.5 cumulative GPA and no less than a C in all required courses for the social work major. Students planning to pursue the MSW need a 3.0 cumulative GPA and no less than a B in all social work courses.

Students interested in the major in social work must schedule an appointment with a social work advisor by calling the social work office: (773) 442-4760

Students should seek advisement from a program advisor right away to assure compliance with prerequisites and required sequencing of courses.

Students need to complete all General Education and Liberal Arts requirements in order to move beyond SWK-200 SWK-207.

Social Work students are suggested to take MATH-112 or MATH-113 to meet math requirement.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year		
Term 1		
		Hours
SOC-100	Introduction To Sociology	3
General Education-MATH		3
General Education-Humanities		3
General Education-Fine Arts		3
Elective/Minor		3
Term Hours		15
Term 2		
ANTH-212	Introduction To Cultural Anthropology	3
PSYC-100	Survey Of Psychology	3
General Education-Fine Arts		3
General Education-Natural Science		3
Elective/Minor		3
Term Hours		15

Second Year

Term 1		
SWK-200	Introduction To Social Work	3
BIO-100	Introduction To Biology	3
PSYC-110	Life Span Development	3
General Education-Humanities		3
Elective/Minor		3
		<hr/>
		Term Hours 15
Term 2		
SWK-207	Social Welfare Policy I	3
Elective/Minor		3
Elective/Minor		3
General Education-Humanities		3
General Education-Natural Science		3
		<hr/>
		Term Hours 15

Third Year

Term 1		
SWK-303	Writing Intensive Program: Human Behavior And The Social Environment I	3
SWK-304	Social Work Practice I	3
SWK-309	Research And Quantitative Applications In Social Work	3
SWK Elective		3
Elective/Minor		3
		<hr/>
		Term Hours 15
Term 2		
SWK-305	Social Work Practice II	3
SWK-306	Human Behavior In The Social Environment II	3
SWK-357	Social Welfare Policy II	3
Elective/Minor		3
Elective/Minor		3
		<hr/>
		Term Hours 15

Fourth Year

Term 1		
SWK-310	Research Practicum In Social Work I	3
SWK-355	Field Practicum I	3
SWK-353	Field Seminar I	3
Elective/Minor		3
Elective/Minor		3
		<hr/>
		Term Hours 15
Term 2		
SWK-311	Research Practicum In Social Work II	3
SWK-354	Field Seminar II	3
SWK-356	Field Practicum II	3
Elective/Minor		3
SWK Elective		3
		<hr/>
		Term Hours 15
		<hr/>
		Total Hours: 120

Minor in Social Work

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Social Work

Required Courses

SWK-200	Introduction To Social Work	3
SWK-207	Social Welfare Policy I	3
Electives		
Select four of the following:		12
SWK-202	Community Analysis	
SWK-203	Analysis Of Cross Culture Interaction	
SWK-208	Human Sexuality And Social Work	
SWK-250	Issues In Social Service Delivery	
SWK-307	Services To Children & Adolescents	
SWK-308	Social Work Practice With Immigrants & Refugees	
SWK-312	Women And Social Work	
SWK-314	Social Work Advocacy	
SWK-320	Domestic Violence Social Work:Theory And Practice	

Total Hours

18

Master in Social Work

Master of Social Work

Northeastern Illinois University (NEIU) offers a 60-hour Master of Social Work (MSW) degree designed to prepare students for professional practice with individuals, families, and communities. There are two (2) concentrations in the Masters of Social Work degree program – Social Work Practice with Vulnerable Populations and Leadership and Change. Each of these concentrations currently has one specialization. The specialization within the concentration Social Work Practice with Vulnerable Populations is Practice with Vulnerable Children and Families. This 60-hour degree program can be completed in 2 years full-time and 4 years part-time. These specializations prepare students for professional practice with children and families and organizations and communities respectively.

NEIU also offers the advanced standing degree for those who have completed a bachelor's degree in social work within the past 10 years that was accredited by the Council on Social Work Education (CSWE). This is a 34 credit hour Master of Social Work degree program that can be completed in one year full-time and 2 years part-time.

Field work- Practica

Practical experience is built into the MSW social work curriculum, which is called "Field Work." All fieldwork experiences are credit-bearing internship experiences. These experiences offer students an opportunity to integrate and apply their academic knowledge in a real-world setting and prepares them for the responsibility of beginning professional practice.

In order to receive credit for field work experiences, students must work with an Internship Coordinator to complete an internship placement and referral process. To start this process a student must submit a formal application to apply for field work with the School of Social Work Internship Placement and Student Services Office. All applications have deadlines and require collaboration and communication between the student and the respective internship coordinator to secure a placement. It is the policy of the NEIU Social Work Program that all referrals of students to field placement sites be made by internship coordinators in the field office. Students may provide a suggestion about a field site, but may not pursue a placement on their own. Field placements independently obtained will not be approved.

Field work courses are usually taken concurrently with academic classes. Students must complete a total of two separate field work experiences that each typically span over two semesters. First level students must complete 480 hours in a fieldwork placement and are typically at their site Tuesday's and Thursday's, while taking 400-level courses. Second level students must complete 720 hours at a fieldwork placement and are at their site Monday's, Wednesday's and Friday's, while taking 400 level advanced courses. In some instances, students can elect to do a summer block placement which is an intensive summer immersion, in which students work full-time at a placement (30-40 hours a week) for three to four months.

The NEIU Social Work Program maintains an affiliation with over 100 social service agencies, organizations and human services programs within Chicago and the larger metropolitan area. Students have the opportunity to work with clients representing a wide range of socioeconomic, racial and cultural backgrounds. Students in field courses and all other courses must adhere to the NASW Code of Ethics.

Master in Social Work

Admissions requirement: Completion of a Bachelor's degree required.

Required Courses

SWK-400	Overview Of The Social Work Profession	3
SWK-402	Human Behavior And The Social Environment I	3
SWK-403	Generalist Practice I	3
SWK-415	Foundation Field Practicum I	3
SWK-401	Cultural Competence In Social Work	3
SWK-404	Human Behavior And The Social Environment II	3
SWK-405	Generalist Practice II	3
SWK-416	Foundation Field Practicum II	3
SWK 406	Social Welfare Policy	3
SWK 407	Social Work Research	3

Advanced Curriculum

30

Concentration: Social Work Practice with Vulnerable Populations

SWK-431	Social Work Practice With Families
SWK-432	Family-centered Policy
SWK-433	Social Work Practice With Children
SWK-434	Child Welfare Policy And Legislation

SWK-491	Advanced Research I	
SWK-492	Advanced Research II	
SWK-495	Advanced Field Practicum I	
SWK-496	Advanced Field Practicum II	
Social Work Electives (6 credit hours) - choose from the following:		
SWK-470	Immigration Practices	
SWK-471	Practice With Lesbian, Gay Bisexual, Transgender And Queer Population	
SWK-472	Trauma Treatment With Children And Families	
SWK-473	Topics In Advocacy	
SWK-474	Social Work And The Law	
Concentration: Leadership and Change		
SWK-441	Empowerment And Change	
SWK 442 Political Advocacy		
SWK-443	Social Justice And Social Change	
SWK 444 Community Advocacy		
SWK-491	Advanced Research I	
SWK-492	Advanced Research II	
SWK-495	Advanced Field Practicum I	
SWK-496	Advanced Field Practicum II	
Social Work Electives (6 credit hours) - choose from the following:		
SWK-470	Immigration Practices	
SWK-471	Practice With Lesbian, Gay Bisexual, Transgender And Queer Population	
SWK-472	Trauma Treatment With Children And Families	
SWK-473	Topics In Advocacy	
SWK-474	Social Work And The Law	
Total Hours		60

For those who have already completed a bachelor's degree in Social Work within the past 10 years that was accredited by CSWE, there is a 34 credit hour program that can be completed in one year full-time and 2 years part-time.

Advanced Standing program

Concentration: Social Work Practice with Vulnerable Populations		
SWK-430	Transition To The Advanced Curriculum	4
SWK-431	Social Work Practice With Families	3
SWK-432	Family-centered Policy	3
SWK-433	Social Work Practice With Children	3
SWK-434	Child Welfare Policy And Legislation	3
SWK-491	Advanced Research I	2
SWK-492	Advanced Research II	2
SWK-495	Advanced Field Practicum I	4
SWK-496	Advanced Field Practicum II	4
Social Work Electives (6 credit hours)		6
SWK-470	Immigration Practices	
SWK-471	Practice With Lesbian, Gay Bisexual, Transgender And Queer Population	
SWK-472	Trauma Treatment With Children And Families	
SWK-473	Topics In Advocacy	
SWK-474	Social Work And The Law	
Total Hours		34

Advanced Standing Program

Concentration: Leadership and Change		
SWK-430	Transition To The Advanced Curriculum	4
SWK-441	Empowerment And Change	3

SWK 442 Political Advocacy		3
SWK-443	Social Justice And Social Change	3
SWK 444 Community Advocacy		3
SWK-491	Advanced Research I	2
SWK-492	Advanced Research II	2
SWK-495	Advanced Field Practicum I	4
SWK-496	Advanced Field Practicum II	4
Social Work Electives (6 credit hours)		6
SWK-470	Immigration Practices	
SWK-471	Practice With Lesbian, Gay Bisexual, Transgender And Queer Population	
SWK-472	Trauma Treatment With Children And Families	
SWK-473	Topics In Advocacy	
SWK-474	Social Work And The Law	
Total Hours		34

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
SWK-400	Overview Of The Social Work Profession	3
SWK-402	Human Behavior And The Social Environment I	3
SWK-403	Generalist Practice I	3
SWK-406	Social Welfare Policy	3
SWK-415	Foundation Field Practicum I	3
Term Hours		15
Term 2		Hours
SWK-401	Cultural Competence In Social Work	3
SWK-404	Human Behavior And The Social Environment II	3
SWK-405	Generalist Practice II	3
SWK-407	Social Work Research	3
SWK-416	Foundation Field Practicum II	3
Term Hours		15
Second Year		
Term 1		Hours
SWK-431	Social Work Practice With Families	3
SWK-432	Family-centered Policy	3
SWK-491	Advanced Research I	2
SWK-495	Advanced Field Practicum I	4
SWK Elective		3
Term Hours		15
Term 2		Hours
SWK-433	Social Work Practice With Children	3
SWK-434	Child Welfare Policy And Legislation	3
SWK-492	Advanced Research II	2
SWK-496	Advanced Field Practicum II	4
SWK Elective		3
Term Hours		15
Total Hours:		60

Sociology

The Sociology Department offers courses leading to a Bachelor of Arts degree in sociology. Additionally, students may choose an eighteen-hour minor in sociology.

Sociology is the systematic study of human societies, their patterns and arrangements, their processes of development and change. Course offerings cover sociological theories, research methods, gender and sexuality, race and ethnicity, inequalities, social institutions, social issues, social action and social change.

A major in sociology can provide a useful orientation for students who plan to attend graduate school or seek careers in community-based organizations or in such fields as education, human resources, urban planning, law, community organizing, social welfare, or research in government and private organizations.

NOTE: The following rules apply to the major and minor in Sociology: Transfer courses must be approved by the department before being applied to the major or minor. For transfer students majoring in Sociology, at least 24 hours must be taken at Northeastern and for students minoring in Sociology, at least 9 hours must be taken at Northeastern.

Students should also be aware of the University requirements for the Bachelor's degree.

- Major in Sociology (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/sociology/sociology>)
- Minor in Sociology (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/sociology/minor-sociology>)

Brett C. Stockdill, Ph.D., Professor, Chair
 Brooke Johnson, Ph.D., Assistant Professor
 Wamucii Njogu, Ph.D., Associate Professor
 Olivia N. Perlow, Ph.D., Associate Professor
 Andreas G. Savas-Kourvetaris, Ph.D., Associate Professor

SOC-100. Introduction To Sociology. 3 Hours.

Fundamental concepts involved in understanding human societies. Socialization, culture, social interaction, social institutions, social stratification, and social change are discussed.

SOC-104. Schools And Society. 3 Hours.

SOC-105. Women, Men And Social Change. 3 Hours.

This course will examine the roots of gender expectations and gender divisions; and historical and cultural variations in how gender has and is perceived. The course will raise questions about the consequences of the social organization of gender relations and the possibilities for change in the positions of men and women in society.

SOC-109A. First Year Experience: Investigating Chicago: Immigration & Migration. 3 Hours.

In this course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery and Transitions) are interwoven with the field-specific concepts and terminology of sociology. Using the city as a lab, freshmen explore Chicago's immigrants and immigration patterns, actively discovering the complexity and diversity of Chicago as an immigrant destination through readings, films, speakers, and out-of-class experiences.

SOC-204. Sociology Of Small Groups. 3 Hours.

A study of the individual and group relationships in society in terms of the various types of social collectives; primary and secondary groups, crowds and publics, collective behavior and social movements with emphasis on the symbolic nature of social interaction.

Prerequisite: SOC-100 minimum grade of C.

SOC-205. Contemporary Social Issues. 3 Hours.

Analysis and interpretation of major contemporary social issues, such as war and peace, poverty, racism, sexism, power structures; critical evaluation of present and suggested programs to meet current problems.

SOC-206. Sociology Of Drug Abuse. 3 Hours.

Review of literature and current research on drug abuse. Examination of leading social explanations of drug abuse and consideration of drug treatment and prevention approaches.

SOC-211. Sociological Research Methods. 3 Hours.

Emphasis on increasing student's abilities to communicate their understanding of social science research. Focus on learning social science research vocabulary, developing an understanding of issues in the philosophy of the social sciences, learning steps and procedures in sociological research, and using writing skills relevant to social science research.

Prerequisite: SOC-100 minimum grade of C.

SOC-212. Introduction To Social Statistics. 3 Hours.

An introduction to descriptive and inferential statistics which are the basic statistical methods used in Sociology and other Social Science disciplines. Students will also learn how to use a statistical package (SPSS for Windows) to analyze and interpret survey data.

Prerequisites: ((SOC-100 and SOC-211) or SOC-337) and (MATH-092 or MATH-102 or NEIU Math Placement Result 30 - 45 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

SOC-214. Sociology Of Intimacy, Marriages And Families. 3 Hours.

The major issues involved in the criticisms of family systems with a view to predicting how current forms are likely to mesh with changing trends to form marriage and family patterns in the future. Areas of study include family history, changing demographic patterns, family structures, gender roles, sexuality, reproductive technology, marital interaction and power, marital dissolution and reconstituted families.

SOC-221. Sociology Of Work. 3 Hours.

Examines work as both a social and economic phenomenon; focuses on the role of work in people's lives and on the nature of occupational roles as an element of social structure. Areas of study include the impact of technology on the meaning and organization of work, the global economy, reward structures, unemployment, and the changing composition of the labor force of the future.

Prerequisite: SOC-100 minimum grade of C.

SOC-230. Sociological Analysis. 3 Hours.

An introduction to when and how to do sociological analysis of popular and scholarly opinion, with a focus on developing and/or improving communication and critical thinking skills. The course integrates sociological theory and methods and requires students to analyze and critique theories, opinions, and research found in a variety of popular and scholarly materials using a sociological perspective.

Prerequisite: SOC-100 minimum grade of C.

SOC-245. Writing Intensive Program: Social Inequalities. 3 Hours.

Examines different sociological explanations of the causes and consequences of social inequalities at the intersections of race, ethnicity, class, gender, and sexuality; explores the linkages between social stratification in the United States and global inequalities and how inequalities are institutionalized, legitimized, and experienced by different groups of people. This is a writing intensive course.

Prerequisites: SOC-100 minimum grade of C and ENGL-101 minimum grade of C.

SOC-250. Sociology Of Deviance. 3 Hours.

Overview of the sociological works, both past and present, in the area of social deviance. In addition, traditional and alternative definitions and explanations of deviant behavior will be explored.

Prerequisite: SOC-100 minimum grade of C.

SOC-270. Sociology Of Latinas. 3 Hours.

Study of the role played by the Latina, and the social, economic and political issues that affect her life. The relationship between class and gender, and the impact of modernization on women's roles and status will also be examined.

SOC-302. Sociology Of Aging. 3 Hours.

The aging process, examined from both an individual and societal perspective; problems, potentials, and realities of aging. Topics of study include the nature and quality of relations among members of different generations, age norms, age constraints, and adult socialization as well as historical and cross-cultural comparisons of aging.

Prerequisite: SOC-100 minimum grade of C.

SOC-306. American Women-The Changing Image. 3 Hours.

Analyzes women's varying roles, statuses and life opportunities; covers the feminist movement, past and present with special emphasis on the intersection of gender, race and social class.

Prerequisite: SOC-100 minimum grade of C or WSP-101 minimum grade of C.

SOC-307. Men & Masculinities. 3 Hours.

This course addresses the central themes that have emerged in the feminist-inspired sociological research on men and masculinities. These themes include men's institutionalized power and privilege over women, inequalities among different groups of men (e.g., power disparities across race, ethnicity, class, sexuality, and nation of origin), and the costs men and women pay for men's conformity to rigid notions of masculinity. In our exploration of these themes, we will discuss masculinities at the individual, interpersonal, institutional, societal, and global levels.

Prerequisite: SOC-100 minimum grade of C.

SOC-309. Sociology Of Racism. 3 Hours.

Survey of the sociological and historical development of the theories of race and racism and the impact these theories have had on the implementation of social policy. Black experience in America is highlighted and special attention is given to institutional expressions of racism in the Western World.

Prerequisite: SOC-100 minimum grade of C or AFAM-200 minimum grade of C.

SOC-310. Social Movements. 3 Hours.

A systematic analysis of selected social and political revolutions and/or revolutionary movements in the United States and globally.

Prerequisite: (LLAS-101 minimum grade of C or MCS-101 minimum grade of C) or SOC-100 minimum grade of C.

SOC-312. Sociology Of Health And Illness. 3 Hours.

Survey of theory and research concerning social and cultural factors in determining health and illness and description of health care organization and practice. Societal responses to health care problems.

SOC-313. Social Demography. 3 Hours.

Population characteristics and population dynamics in a variety of cultural settings; political, economic and sociological implications of population trends, resources and approaches in demographic analysis.

Prerequisite: SOC-100 minimum grade of C.

SOC-314. Urban Sociology. 3 Hours.

Population characteristics, social structure, social change and social policy associated with urbanization and community development. Focus on problems of the inner city.

Prerequisite: SOC-100 minimum grade of C.

SOC-316. Race And Ethnic Relations. 3 Hours.

A cross-cultural study of the patterns of interaction between racial and ethnic groups, analysis of the sources of prejudice and discrimination; examination of the relationships between race and ethnic relations and patterns of stratification.

Prerequisite: SOC-100 minimum grade of C or AFAM-200 minimum grade of C.

SOC-317. Sociology Of Religions And Spirituality. 3 Hours.

Study of the social aspects of religious beliefs, practices and participation. The Church as a social institution and its relationship to social class, social control. Religion as a form of expressive behavior. The function of religion for the individual and for different social groups.

Prerequisite: SOC-100 minimum grade of C.

SOC-324. Political Sociology. 3 Hours.

Centers on the intersection of politics, society, and change. Challenges conventional notions of the status quo through the investigation of social historical and comparative perspectives on change including political ideas, practices, cleavages, and commonalities within communities and between peoples and nations. Focuses on how power and democracy become intimate bedfellows whose partnership has radically different consequences for different groups of people in society.

Prerequisite: SOC-100 minimum grade of C.

SOC-328. Extreme Right Groups. 3 Hours.**SOC-329. Sociology Of Violence. 3 Hours.**

Cross cultural study and focus on social and psychological explanations of violence in American society.

Prerequisite: SOC-100 minimum grade of C.

SOC-331. Military Sociology. 3 Hours.

Focus on the question of U.S. military response to problems in the Third World countries. In non-technical language, the issues of political-military responses to insurgencies and revolutions are discussed within the framework of the new military doctrine of low intensity warfare and mid-intensity warfare.

Prerequisite: SOC-100 minimum grade of C.

SOC-332. Sociology Of Education. 3 Hours.

An analysis and critique of education as a vast and complex social institution. The course will include a focus on the major features of the U.S. educational bureaucracy, its functions in creating and transmitting culture and maintaining social control as well as a systematic analysis of diversity, cross-cultural, local, national and global trends in education.

Prerequisite: SOC-100 minimum grade of C.

SOC-335. Sociological Theory. 3 Hours.

History of social thought, the various interpretations of societal patterns; the theoretical orientations of classical sociological figures including Marx, Durkheim, and Weber and more recent orientations including conflict theory, symbolic interaction and structural functionalism.

Prerequisite: SOC-100 minimum grade of C.

SOC-336. Contemporary Sociological Theory. 3 Hours.

A survey of contemporary sociological theories and paradigms, with a focus on writings that have most influenced the development of contemporary sociological theory and the way sociologists currently approach and analyze their subject matter. The course will explore theories, perspectives, ideas and works from voices generally unheard in discussions of formal sociological theory - namely, the voices of people of color and women.

Prerequisites: SOC-100 minimum grade of C and (SOC-211 minimum grade of C or SOC-335 minimum grade of C).

SOC-340. Sociology Of Sexualities. 3 Hours.

Critical discussion and reading of current research and literature on human sexuality; the continuous psycho-sexual development of children, adolescents and adults; heterosexuality, homosexuality and bisexuality; the use of sex by the media; pornography; prostitution; sex and the law; institutional sexuality; population control; marital sex; the effects of class background on sexual practices.

Prerequisite: SOC-100 minimum grade of C or WSP-101 minimum grade of C.

SOC-341. Independent Study In Sociology. 3 Hours.

Research study in an area of special interest to the student involving research methodology and field studies. Independent Studies require the approval of the instructor, department chair and the College Dean.

Prerequisite: SOC-100 minimum grade of C.

SOC-341A. Independent Study In Sociology. 3 Hours.

Research study in an area of special interest to the student involving research methodology and field studies. Independent Studies require the approval of the instructor, department chair and the College Dean.

SOC-342. Sociology Internship Seminar. 3 Hours.

Taken concurrently with SOC-345. The Sociology Internship Seminar investigates the application of sociological knowledge and skills to an actual organizational setting. Investigates interpersonal relationships, internal organizational relationships and dynamics, and the social context of organizations within the larger community and society at large. Critical examination of the relationships between organizations, social inequalities, and social justice. Exploration of career and graduate school resources and information.

Prerequisites: SOC-100 minimum grade of C and SOC-105 minimum grade of C and (SOC-211 minimum grade of C or SOC-337 minimum grade of C) and SOC-335 minimum grade of C.

Corequisite: SOC-345.

SOC-343. Sociological Practice And Social Action Seminar. 3 Hours.

This seminar provides students with an opportunity to do service and research in an applied organizational setting. It includes problem solving through involvement and social action research in one organizational setting. As an applied sociologist, the student will learn to produce information that is useful in resolving problems in community organizations, social service organizations and grass roots social change organizations.

Prerequisite: SOC-100 minimum grade of C.

SOC-344. African American Women:Feminism, Race, And Resistance. 3 Hours.

A systematic examination of the collective experiences of African American women, historical and contemporary; the myths versus the realities of their everyday lives, including the interrelatedness and simultaneous effect of race, class, gender, sexual orientation and age in their lived experiences.

Prerequisite: SOC-100 minimum grade of C or AFAM-200 minimum grade of C.

SOC-345. Sociology Internship Placement. 3 Hours.

Taken concurrently with SOC-342. Students will complete 144 hours at an internship placement in an organization chosen in collaboration with the professor. Performance of various tasks under the direction of a site supervisor to enhance the understanding and application of sociological theories and concepts and to gain experience relevant to career and/or graduate school interests. Prereq.: Senior status; SOC-100; SOC-211; SOC-335.

Prerequisites: SOC-100 minimum grade of C and SOC-211 minimum grade of C and SOC-335 minimum grade of C.

Corequisite: SOC-342.

SOC-347. Sociology Of Media. 3 Hours.

A systematic examination of mass media as a social construction of knowledge. Major focus is on the social and historical contexts within which the media are created, the powerful influence of the various media on the socialization process, and the intersections of race, class, gender, sexual orientation and age in the images and knowledge created by mass media.

SOC-349. Black Social Movements. 3 Hours.

Examination of the African American civil rights movement. Analysis of the origins and development of the modern civil rights movement, a movement that emerged in the South during the 1950s. Exploration of organized, collective forms of social change and theories of social movements and collective action. Emphasis on local, regional and national civil rights campaigns; the development, achievements, and disintegration of the national civil rights coalition; and the contributions of the male and female unsung heroes of the movement.

Prerequisite: SOC-100 minimum grade of C.

SOC-350. Social Structure In Black Communities. 3 Hours.

This course is designed to explore institutional variation and social change within African-American communities. We will examine African-American populations in different settings, both contemporary and historical, and attention will be given to major traditions of sociological theory and research related to these communities. We will additionally explore the origin, structure, reproduction, and outcomes of racism and white supremacy, and how this relates to labor market processes and outcomes, social mobility and living standards, and major social institutions such as healthcare, education, and criminal justice systems, as they relate to African Americans.

Prerequisite: SOC-100 minimum grade of C or AFAM-200 minimum grade of C.

SOC-351. Senior Seminar In Sociology. 3 Hours.

Discussion, critical review and integration of student's work with current research. Preparation of a research paper with ongoing feedback from the instructor.

Prerequisites: SOC-100 minimum grade of C and SOC-105 minimum grade of C and (SOC-211 minimum grade of C or SOC-337 minimum grade of C) and SOC-335 minimum grade of C.

SOC-352. Sociology Of HIV/AIDS. 3 Hours.

Examination of the sociological aspects of the AIDS crisis. Socio-history of the HIV/AIDS crisis in the United States and globally. Emphasis on how racial, class, gender and sexual inequalities have shaped the epidemiology of HIV/AIDS. Responses of dominant social institutions to the AIDS crisis. Collective action by impacted communities around issues of education, prevention, research, health care and support services. Contemporary issues facing people living with HIV/AIDS including stigma, discrimination, mental health, access to treatment, legal issues, and empowerment.

Prerequisite: SOC-100 minimum grade of C.

SOC-358. Sociology Of Youth And Youth Culture. 3 Hours.

An analysis of youth and youth culture including the historical context of adolescence, sociopolitical issues confronting youth and youth culture as a form of social and political resistance. Each topic will be explored through detailed analyses of relevant literature, discussions with professionals who work with youth, and student research projects.

Prerequisite: SOC-100 minimum grade of C.

SOC-360. Sociology Of Occupations And Professions. 3 Hours.

Exploration of the historical, theoretical and empirical literature on occupations and professions. Issues to be explored include the relationship between occupations and the family, education, technology and the political environment.

Prerequisites: SOC-100 minimum grade of C and SOC-221 minimum grade of C.

SOC-362. Becoming "American". 3 Hours.

Becoming "American" is not exclusively about American citizenship. Rather, it is about understanding how changes in American society influence our social policies and vice versa. Each week the course will focus on different social policies and raise questions about their consequences on social groups and the possibilities for change. By learning how social policy develops, students will have the tools to examine current social debates that often polarize Americans into "us versus them."

Prerequisite: SOC-100 minimum grade of C.

SOC-365. Sociology Of Globalization. 3 Hours.

Globalization is the worldwide integration of government policies, cultures, social movements, and financial markets through trade and the exchange of ideas. This course analyzes the processes that produce globalization and the outcomes of globalization, with a special focus on Chicago. Using a sociological lens we examine the development of globalization and its effects upon nation-states, individuals, culture, politics, inequality, and other aspects of society. Students will critically evaluate the effects of globalization with the goal of becoming engaged and empowered members of the global community.

Prerequisite: SOC-100 minimum grade of C.

SOC-373. Community Action And Resistance. 3 Hours.

Chicago metropolitan field investigation of community conditions, local institutions and action programs. Field investigations may be broad or concentrate on a particular school or community.

Prerequisites: SOC-100 minimum grade of C and (SOC-211 minimum grade of C or SOC-337 minimum grade of C).

SOC-375. Government Intelligence Agencies. 3 Hours.

A study of the various government agencies which collect intelligence within the U.S. and in foreign countries with emphasis on the kinds of intelligence gathered and the political uses to which it is put. The work of the CIA and the FBI are critically examined.

Major in Sociology

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Sociology for the Bachelor of Arts Degree

Required Core Courses

SOC-100	Introduction To Sociology	3
SOC-211	Sociological Research Methods	3
SOC-212	Introduction To Social Statistics	3
SOC-245	Writing Intensive Program: Social Inequalities	3
SOC-335	Sociological Theory	3
SOC-342	Sociology Internship Seminar ¹	3
or SOC-351	Senior Seminar In Sociology	
Electives in Sociology ²		21
Total Hours		39

¹ SOC-342 is Spring Semester and can be taken with SOC-345 for a total of 6 credits; SOC-351 is Fall Semester.

² Students should consult with their advisor to select electives that will best suit their academic and career goals. Students may substitute 1 cognate course outside of Sociology for an elective course with the approval of the Department Chair.

Concentration Options: For each of the following concentration areas, students will select 4 elective courses (12 credit hours) from those listed and any other 3 electives in sociology (9 credit hours).

Concentrations are as follows:

General

Electives in Sociology 21 cr.

Community Action & Social Movements:

SOC-105	Women, Men And Social Change	3
SOC-205	Contemporary Social Issues	3
SOC-306	American Women-The Changing Image	3
SOC-310	Social Movements	3
SOC-314	Urban Sociology	3
SOC-342	Sociology Internship Seminar	3
SOC-343	Sociological Practice And Social Action Seminar	3
SOC-344	African American Women:Feminism, Race, And Resistance	3
SOC-349	Black Social Movements	3
SOC-373	Community Action And Resistance	3

Total Hours in Concentration Area 12 cr.

Electives in Sociology 9 cr.

Intersectionalities:

SOC-270	Sociology Of Latinas	3
SOC-306	American Women-The Changing Image	3
SOC-307	Men & Masculinities	3
SOC-309	Sociology Of Racism	3
SOC-316	Race And Ethnic Relations	3
SOC-340	Sociology Of Sexualities	3
SOC-344	African American Women:Feminism, Race, And Resistance	3
SOC-352	Sociology Of HIV/AIDS	3

Total Hours in Concentration Area 12 cr.

Electives in Sociology 9 cr.

Organizations & Institutions:

SOC-204	Sociology Of Small Groups	3
SOC-221	Sociology Of Work	3
SOC-214	Sociology Of Intimacy, Marriages And Families	3
SOC-250	Sociology Of Deviance	3
SOC-307	Men & Masculinities	3
SOC-310	Social Movements	3
SOC-312	Sociology Of Health And Illness	3
SOC-317	Sociology Of Religions And Spirituality	3
SOC-324	Political Sociology	3
SOC-331	Military Sociology	3
SOC-332	Sociology Of Education	3
SOC-342	Sociology Internship Seminar	3
SOC-347	Sociology Of Media	3
SOC-352	Sociology Of HIV/AIDS	3
SOC-360	Sociology Of Occupations And Professions	3
SOC-375	Government Intelligence Agencies	3

Total Hours in Concentration Area 12 cr.

Electives in Sociology 9 cr.

Youth/Family/Life Course:

SOC-214	Sociology Of Intimacy, Marriages And Families	3
SOC-302	Sociology Of Aging	3

SOC-312	Sociology Of Health And Illness	3
SOC-329	Sociology Of Violence	3
SOC-340	Sociology Of Sexualities	3
SOC-358	Sociology Of Youth And Youth Culture	3

Total Hours in Concentration Area 12 cr.

Electives in Sociology 9 cr.

This sample curricular map is provided to guide full-time, first year students in planning for their major. This guide should not replace regular consultations with your academic advisor. Part-time and transfer students should consult with an academic advisor to develop curricular plans to accommodate their needs. For specific recommendations of courses not identified, please consult your academic advisor.

First Year

Term 1		Hours
SOC-100	Introduction To Sociology	3
ENGL-101	Writing I	3
General Education Course		3
General Education Course		3
Minor/Elective		3
Term Hours		15
Term 2		
SOC-211	Sociological Research Methods	3
General Education Course		3
General Education Course		3
SOC Elective		3
Minor/Elective		3
Term Hours		15
Second Year		
Term 1		
SOC-245	Writing Intensive Program: Social Inequalities	3
SOC Elective		3
General Education Course		3
General Education Course		3
Minor/Elective		3
Term Hours		15
Term 2		
SOC-335	Sociological Theory	3
SOC Elective		3
Minor/Elective		3
General Education Course		3
General Education Course		3
Term Hours		15
Third Year		
Term 1		
SOC-212	Introduction To Social Statistics	3
SOC Elective		3
General Education Course		3
General Education Course		3
Minor/Elective		3
Term Hours		15
Term 2		
SOC Elective		3
SOC Elective		3
Minor/Elective		3
Minor/Elective		3
Minor/Elective		3
Term Hours		15

Fourth Year

Term 1		
SOC-351	Senior Seminar In Sociology	3
SOC Elective		3
Minor/Elective		3
Minor/Elective		3
Minor/Elective		3
		<hr/>
		Term Hours 15
Term 2		
SOC Elective		3
Minor/Elective		3
Minor/Elective		3
Minor/Elective		3
Minor/Elective		3
		<hr/>
		Term Hours 15
		<hr/>
		Total Hours: 120

Minor in Sociology

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Sociology

All Sociology minors must complete three core courses (9 credit hours) and three electives (9 credit hours) for a total of 18 credit hours.

Required Core Courses		
SOC-100	Introduction To Sociology	3
SOC-105	Women, Men And Social Change	3
SOC-230	Sociological Analysis	3
Electives in Sociology		9
Total		18

Students majoring in Elementary Education and Early Childhood Education who have selected Sociology as a minor must complete a minimum of 9 hours of the minor in courses at the 300-level to meet graduation and certification requirements.

Teaching English to Speakers of Other Languages (TESOL)

Teaching English to Speakers of Other Languages (TESOL) is the application of linguistics to the teaching of English to speakers of other languages. . A degree in TESOL is in great demand, both in the U.S. and abroad. A career path in TESOL can result not only in the more obvious professions related to education (e.g., English language teacher, teacher trainer, program administrator, curriculum developer, materials developer) at the primary, secondary, and tertiary levels, but also in a variety of areas that require the skills set developed within a TESOL degree program (e.g., research, publishing, advocacy, government).

The NEIU TESOL Program offers courses leading to a Master of Arts degree. The program also offers courses leading to an undergraduate minor in TESL as well as an Illinois State Endorsement to teach ESL.

Further information about our programs can be found on our website: TESOL (<http://www.neiu.edu/academics/college-of-arts-and-sciences/departments/teaching-english-speakers-other-languages-tesol>)

- Minor in TESL (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/teaching-english-second-foreign-language/minor-tes-ltefl>)
- Master of Arts in Teaching English to Speakers of Other Languages (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/teaching-english-second-foreign-language/master-arts-tesl-tefl>)
- TESOL Endorsement (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/teaching-english-second-foreign-language/tesl-endorsement>)
- TESOL Graduate Certificate Program (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/teaching-english-second-foreign-language/master-arts-tesl-tefl>)

Jeanine Nthirageza, Ph.D., Associate Professor, Chair

Jimin Kahng, Ph.D., Assistant Professor

William Stone, Ph.D., Associate Professor

TESL-109A. First Year Experience: Chicago Speaks: Helping Immigrants Communicate. 3 Hours.

In this course, the four foundations (Future Planning, Academics, Self-Discovery and Transitions) of the First-Year Experience are interwoven with the field specific concepts and terminology of teaching English as a second language (TESL). This course introduces the structure of the English language and methods of teaching it to speakers of other languages. This involves investigating the pronunciation and grammar of English as well as looking at ways to teach these subjects along with listening, speaking, reading and writing skills to English Language Learners (ELLs). The course will involve a service learning component in which students will tutor ELLs in various sites throughout Chicagoland. As students study the basics of teaching English as a second language, they will develop academic skills that will contribute to their success in college and beyond.

TESL-301. The English Language For Teachers. 3 Hours.

All language teachers must understand how the English language works and must be able to describe how it works. This course is designed for future teachers of the English language. It covers the structure of sounds, words, phrases, and sentences; language use; and the structure of meaning of the English language, with applications of each topic to the teaching of the English language and English language arts. The history of the English language will also be included, as background to English word and sentence structure.

TESL-310. English Grammar: Description & Instruction. 3 Hours.

All teachers of English as a second or foreign language must have a good descriptive knowledge of English grammar as well as an arsenal of techniques for instructing their students. This course is intended to help future ESL/EFL teachers develop an understanding of the structure of English sentences and the problems that non-native students face when learning English grammar. This course will also investigate ways of teaching grammar to English language learners.

Prerequisite: TESL-301 minimum grade of D.

TESL-320A. Language & Culture: General. 3 Hours.

Prerequisite: LING-201 minimum grade of C.

TESL-320D. Language & Culture: Japan. 3 Hours.

Prerequisite: LING-201 minimum grade of C.

TESL-320G. Language & Culture: Southeast Asia. 3 Hours.

Prerequisite: LING-201 minimum grade of C.

TESL-320H. Language & Culture: Thailand. 3 Hours.

Prerequisite: LING-201 minimum grade of C.

TESL-320K. Language & Culture: Latin America. 3 Hours.

Prerequisite: LING-201 minimum grade of C.

TESL-320N. Language & Culture: Native American. 3 Hours.

Prerequisite: LING-201 minimum grade of C.

TESL-320O. Language & Culture: Afro-American. 3 Hours.

Prerequisite: LING-201 minimum grade of C.

TESL-320P. Language & Culture: The Deaf. 3 Hours.

Prerequisite: LING-201 minimum grade of C.

TESL-320Q. Language & Culture: Maya. 3 Hours.

Prerequisite: LING-201 minimum grade of C.

TESL-321. 1st & 2nd Language Acquisition. 3 Hours.

Survey of recent theories and research on children's acquisition of phonological, morphological, syntactic, semantic and pragmatic systems of their first language. Survey of recent theories and research on second language acquisition.

Prerequisite: LING-201 minimum grade of C.

TESL-330. Language, Society, And Education. 3 Hours.

Researchers who study the relationship between language and society or culture are in a unique position to provide insight into language- and culture-related social problems. This course is based on the notion that many educational problems are related to differences between students' home language or dialect and the "official" school variety. It examines the relationship between language, society, and culture with particular attention to how factors such as class, gender, race, and ethnicity impact student performance in the classroom. Issues of identity, bilingualism, and language prejudice will also be addressed.

Prerequisite: TESL-301 minimum grade of D.

TESL-340. Practices & Procedures. 3 Hours.

Practices and techniques related to the teaching of English as a second language, in ESL or bilingual education programs; meant for those students who are not yet teaching in the field.

TESL-341. Principles Of Language Teaching. 3 Hours.

Theories and principles underlying the teaching of English as a second language to limited-English speaking children and adults. Survey of various methodologies in second language teaching and bilingual education. Reviews relationships between language and culture and discusses the major problems in language education.

TESL-343. TESL Assessment. 3 Hours.

Testing and Assessment as they relate to limited English proficiency students; information on instruments and procedures for testing language and cognitive development; proficiency, placement and achievement testing. Students look at well known standardized testing devices such as the bilingual syntax measure and the TOEFL test, at cultural and instrumental bias in testing, and at procedures for writing and evaluating classroom tests and various test item types.

Prerequisite: (TESL-340 minimum grade of C or LING-340 minimum grade of C) or (TESL-341 minimum grade of C or LING-341 minimum grade of C).

TESL-345. Linguistics & Reading. 3 Hours.

Relationship between language structure and the reading process with emphasis on the practical problems such as the variety of dialectally different sound-symbol-correspondences in English, the perception of speech sounds, the reader's interpretation of syntactic and semantic structures, various alphabetic systems for teaching reading. Designed to be useful to the in-service classroom teacher as well as to undergraduates.

Prerequisite: LING-201 minimum grade of C.

TESL-399. Clinical Experience In TESL. 1 Hour.

This course is designed to provide on-site experience in teaching English to non-native speakers in grades K-12. Students will observe and work with a master teacher and be supervised by a TESL/TEFL professor. Student will engage in classroom discussion and various projects based on their classroom work.

Prerequisite: TESL-340 minimum grade of C or LING-340 minimum grade of C.

TESL-402. Principles Of Linguistics For Teachers. 3 Hours.

This course examines the components of the science of language and how these relate to teaching English as a second/foreign language. Although the emphasis is on the linguistic components of English, a comparison with other languages and implications for teaching a second/foreign language will be integral to the course. Among other topics, it will cover English phonetics, phonology, morphology, syntax, and semantics and offer classroom-oriented applications of linguistic principles for effective instruction of English as a second or foreign language.

TESL-406. Adult Needs, Design And Assessment. 3 Hours.

Adult English language learners represent a wide variety of linguistic backgrounds, cultural experiences and personal needs. They may learn English for survival/life skills, job improvement or academic preparation. This course provides instructors with an appreciation for cross-cultural learners and their communication skills. In addition, this course looks at adult program options and their relationship to curriculum design. Principles of assessment, and varied assessment tools used in the adult education setting will also be addressed. Website tools aiding course management, assessment and self-study will be utilized.

Prerequisite: TESL-410 minimum grade of B.

TESL-409. Research Design & Methods. 3 Hours.

Survey course, reviewing the major trends and methodologies used in linguistics, language acquisition, and language teaching. Exploration of quantitative approaches used in language-specific inquiry through the examination of a variety of studies from the literature, their questions, their underlying assumptions, and their design. Prior knowledge of statistics is not required.

Prerequisite: TESL-402 minimum grade of C.

TESL-410. Techniques Of Teaching English As A Second Language. 3 Hours.

Survey of techniques specifically relevant to the teaching of English as a second language. Questions relating to the design and sequencing of ESL courses, to procedures for evaluation of ESL students and to criteria for choosing, adapting and creating teaching materials.

Prerequisites: (TESL-414 minimum grade of C or LING-414 minimum grade of C) and TESL-402 minimum grade of C.

TESL-414. Theories Of Teaching English As A Second Language. 3 Hours.

Survey of theories of the teaching and learning of English as a second or foreign language. A look at the historical growth and development of second language methodologies from grammar-translation and the direct method, through the audio-lingual method and its offspring, and up to the current natural and eclectic period.

TESL-420. Structure Of Modern English. 3 Hours.

Description and analysis of the major grammatical structures of spoken and written English in light of traditional and descriptivist theories. This course covers practical issues and procedures involved in teaching grammar to ESL/EFL learners.

Prerequisite: TESL-402 minimum grade of C.

TESL-426. Advanced Linguistic Analysis. 3 Hours.

Advanced analysis of the structure of language, including phonology, morphology, syntax and semantics. Each topic will be explored through detailed analysis and comparison of data from a variety of languages in addition to English.

Prerequisite: TESL-402 minimum grade of C.

TESL-427. Pedagogical And Social Aspects Of Pronunciation. 3 Hours.

This course covers practices and procedures involved in helping English Language Learners (ELLs) improve their intelligibility and increase their speech perception. Through an applied approach, students will develop a deeper understanding of English phonetics and phonology at both the segmental and prosodic levels. They will learn how to apply this knowledge to teaching pronunciation to English language learners (ELLs) of all ages. The course will also cover societal attitudes about accent through an investigation of current research.

Prerequisites: TESL-402 minimum grade of C and TESL-414 minimum grade of C and TESL-410 minimum grade of C.

TESL-430B. Structure Of Language: Latin. 3 Hours.

Prerequisites: TESL-402 minimum grade of C and TESL-420 minimum grade of C and TESL-426 minimum grade of C.

TESL-430C. Structure Of Language: Lakhota. 3 Hours.

Prerequisites: TESL-402 minimum grade of C and TESL-420 minimum grade of C and TESL-426 minimum grade of C.

TESL-430D. Structure Of Language: Rotuman. 3 Hours.

Prerequisites: TESL-402 minimum grade of C and TESL-420 minimum grade of C and TESL-426 minimum grade of C.

TESL-430E. Structure Of Language: Thai. 3 Hours.

Prerequisites: TESL-402 minimum grade of C and TESL-420 minimum grade of C and TESL-426 minimum grade of C.

TESL-430F. Structure Of Language: Tai, Kirundi, Tun, Arabic. 3 Hours.

Prerequisites: TESL-402 minimum grade of C and TESL-420 minimum grade of C and TESL-426 minimum grade of C.

TESL-433. Lexicography. 3 Hours.

Review of the problems and trends of word study in the past, especially the notions surrounding the concepts of authority and usage of language: scrutiny of the various types and sources of English vocabulary; recent linguistic insights considered in the light of their value for various kinds of handbooks.

TESL-440. Language & Literacy. 3 Hours.

Differences between spoken and written languages; the functions of writing in a literate society; writing systems with particular reference to English orthography; current psycholinguistic research on the acquisition of written language skill; pedagogical implications of linguistic views on literacy.

Prerequisite: TESL-402 minimum grade of C.

TESL-442. Using Technology With Second Language Learners. 3 Hours.

In this class, students will explore the interface between current approaches to second language pedagogy, theories of language learning, and technology. They will examine questions of the development and current status of computer applied language learning; the digital divide and language minority students; appropriate and inappropriate uses of technology for language learning; use of technology to support student instruction in listening, speaking, reading, writing, culture, pronunciation, vocabulary and grammar; technology and learner variation; and issues of technology and assessment.

Prerequisite: TESL-410 minimum grade of C or LING-410 minimum grade of C.

TESL-445. Language Variation. 3 Hours.

All languages vary- across time, distance, social class, gender, situation, and ethnicity. This course examines the societal and cultural influences on both the forms and uses of different varieties of English as well as other languages, and demonstrates how one's language and language variety affect one's identity, school achievement, etc. Topics include language attitudes and stereotypes, ideology, intercultural and interethnic communication, and the spread of English. Special emphasis will be placed on how these notions of language varieties apply to the teaching and learning of second and foreign languages.

TESL-447. Pragmatics. 3 Hours.

Study of the interface between language and meaning at the level of discourse. Focuses on communication as dialogic interaction and the nexus of word meanings and speaker intentions in language use. Considers the multiple layers of context as factors that affect the interpretation of speaker role and appropriateness of use. Additionally, examines intercultural pragmatics as it pertains to the acquisition of second language culture and the communicative differences between cultures.

Prerequisite: TESL-445 minimum grade of C.

TESL-451. Lexically-Based Instruction. 3 Hours.

This course is built on the notion that the optimal second-foreign language syllabus is a lexically-based one. The course covers vocabulary knowledge and acquisition from the perspectives of both the second language learner and the teacher. Topics covered include what it means to "know a word", memory, dictionaries and other tools, learner strategies, vocabulary assessment, selection criteria, and teaching techniques.

Prerequisites: TESL-402 minimum grade of C and TESL-410 minimum grade of C.

TESL-452. Content-Based Instruction. 3 Hours.

Exploration of content-based instruction as an approach to teaching English language learners. Functioning as both a method in the English as a second or foreign language classroom and as a technique for meeting the needs of English language learners in the content area classroom, its theory and practice are examined through the various models and the standard-based curriculum. Additionally, practices and strategies related to planning, implementing, and managing ESL and content instruction, including classroom organization, teaching strategies for developing and integrating language skills, and choosing and adapting classroom resources are addressed.

Prerequisite: TESL-414 minimum grade of C.

TESL-460. Second Language Acquisition. 3 Hours.

Survey of recent theories and research on second language acquisition and bilingualism especially in relation to the process of second language learning; rationales of various language teaching methodologies and techniques as well as the concepts of transfer and interference, contrastive analysis and error analysis.

Prerequisites: (TESL-410 minimum grade of C or LING-410 minimum grade of C) and (TESL-420 minimum grade of C or LING-420 minimum grade of C).

TESL-465. Experiential Preparation For Teaching English As A Second Language. 3 Hours.

Emphasis on the preparation of materials and the development of teaching strategies for specific ESL classroom uses. Students examine and evaluate commercially prepared and teacher made materials and lesson plans and devise a limited set of materials of their own. Students will either demonstrate these materials or observe their use in an actual classroom or tutoring situation.

Prerequisites: TESL-402 minimum grade of B and (TESL-410 minimum grade of B or LING-410 minimum grade of B) and (TESL-414 minimum grade of B or LING-414 minimum grade of B).

TESL-468. Assessment Of The Limited English Proficient Student. 3 Hours.

Testing and assessment as they relate to limited English proficient students; information on instruments and procedures for testing language and cognitive development; proficiency, placement and achievement testing. Students look at well-known standardized testing devices such as the Bilingual Syntax Measure and the TOEFL test; at cultural and instrumental bias in testing; and at procedures for writing and evaluating classroom test and various test item types.

Prerequisite: TESL-410 minimum grade of C.

TESL-471. Evolution Of Laws & Policies In Language Instruction. 3 Hours.

Survey of the historical and current ideologies, the laws which they informed, and the policies and practices which resulted regarding language use in the educational system. Use will be explored in terms of language as a medium of communication, language as a medium of instruction, and language as a content area. Comparisons will be drawn between the US and international contexts. After extensive readings in the literature and in class preparation, students will be expected to design a grant proposal and make a presentation on a topic directly related to an area of their choice.

TESL-490A. Seminar In TESL: Materials Preparation. 3 Hours.

Prerequisites: TESL-426 minimum grade of B and TESL-445 minimum grade of B and TESL-460 minimum grade of B.

TESL-490C. Seminar In TESL: Special Education. 3 Hours.

Prerequisites: TESL-426 minimum grade of B and TESL-445 minimum grade of B and TESL-460 minimum grade of B.

TESL-490E. Seminar In TESL: Current Research. 3 Hours.

Prerequisites: TESL-426 minimum grade of B and TESL-445 minimum grade of B and TESL-460 minimum grade of B.

TESL-490F. Seminar In TESL: Language & Culture. 3 Hours.

Prerequisites: TESL-426 minimum grade of B and TESL-445 minimum grade of B and TESL-460 minimum grade of B.

TESL-490J. Seminar In TESL: Vocabulary. 3 Hours.

Prerequisites: TESL-426 minimum grade of B and TESL-445 minimum grade of B and TESL-460 minimum grade of B.

TESL-490K. Seminar In TESL: 1st & 2nd Language Acquisition. 3 Hours.

Prerequisites: TESL-426 minimum grade of B and TESL-445 minimum grade of B and TESL-460 minimum grade of B.

TESL-5901. Thesis Hours. 1 Hour.

Guidance of students conducting research and writing a thesis to fulfill the requirements for the Master of Arts degree in TESL/TEFL. This course requires approval of the instructor, Department Chair and the appropriate College Dean(s).

Prerequisites: TESL-402 minimum grade of C and TESL-420 minimum grade of C and TESL-426 minimum grade of C.

TESL-5902. Thesis Hours. 2 Hours.

See course description for TESL-5901.

Prerequisites: TESL-402 minimum grade of C and TESL-420 minimum grade of C and TESL-426 minimum grade of C.

TESL-5903. Thesis Hours. 3 Hours.

See course description for TESL-5901.

Prerequisites: TESL-402 minimum grade of C and TESL-420 minimum grade of C and TESL-426 minimum grade of C.

Master of Arts in Teaching English to Speakers of Other Languages

Master of Arts in Teaching English to Speakers of Other Languages

The M.A. in Teaching English to Speakers of Other Languages gives students an understanding of the nature of language, culture, instruction, assessment, and professionalism, and their interrelationships. The M.A. in TESOL prepares one to teach English in the US or overseas. In addition, students who have a valid teaching certificate can take courses leading to the Illinois State Endorsement to teach ESL. See more below under "TESOL Endorsement".

The program is designed for full- or part-time students, and all master's level courses in the fall and spring are offered in the evenings.

Requirements for Admission to the M.A. Program:

Students must fulfill the requirements for admission to the Graduate College of Northeastern Illinois University and apply to the TESOL Program for admission to the degree program. A student-at-large may transfer no more than 9 credit hours of graduate coursework into the graduate TESOL program.

Program Prerequisites:

Students entering the M.A. in TESOL program are not expected to have any prior preparation or knowledge of the field.

Language requirement:

- For students whose native language is English: 9 hours of college level work—or the equivalent—in one or more foreign languages, or a demonstrated proficiency in a foreign language at ACTFL level 2 or above.
- For students whose native language is not English: English proficiency demonstrated by a score of 95 on the internet based TOEFL (IBT), with a minimum of 20 on each of the four sections; or by a score of 7.0 on IELTS, with a minimum of 6.5 on each of the four sections; or by a score of 587 on the paper-based TOEFL.

TESOL Graduate Certificate Program

The TESOL Graduate Certificate Program will provide practical skills and knowledge to individuals who wish to teach English language learners. It is designed for individuals who want to work at community colleges, community-based organizations, or language schools in the U.S. or abroad. The Certificate consists of six courses (18 credits), including a 60-hour practicum. It prepares individuals to create lessons, develop materials, and assess English learners, with a particular emphasis on adult learners. It is designed to be completed in one year or two semesters, depending on which of the three scheduling options is chosen. Of the three options, one would take a year, while the other two offer an intensive option in a cohort model.

Admission requirements

Individuals who wish to study in the TESOL Graduate Certificate Program must fulfill the requirements for admission to the College of Graduate Studies & Research and apply to the TESOL Graduate Certificate Program. Prior experience in education or teaching is not required. Requirements to the College of Graduate Studies & Research are:

1. Transcripts submitted from previous college work with a minimum undergraduate grade point average of 2.75.
2. Possess an undergraduate degree from a regionally accredited college or university.
3. A completed graduate application accompanied by a \$30 fee.

Additionally, the TESOL Graduate Certificate Program admission requirements are:

Language requirement:

- For native speakers, 9 credits of college level work, or the equivalent, in one or more foreign languages, or a level 2 in a foreign language on the American Council on the Teaching of Foreign Languages Proficiency Assessment.
- For non-native speakers, English proficiency demonstrated by a score of 95 on the internet-based TOEFL (IBT), with a minimum of 20 on each of 4 sections or by a score of 7.0 on IELTS, with a minimum of 6.5 on each of the four sections; or by a score of 587 on the paper-based TOEFL.

Requirements for the Degree:

All graduate credits must be at the 400 level.

Students enrolled in the TESOL M.A. program must have a cumulative grade point average of at least 3.0 in all courses taken in fulfillment of the degree program.

All students pursuing a Master of Arts in TESOL will be required to submit a graduation project as one part of their graduation requirements. The project will consist of a capstone paper with 5 elements to be included as appendices. Students pursuing the M.A. in TESOL will be assigned an advisor early in their degree program for assistance in the preparation of the capstone paper. Please refer to the program website for specific information with regard to timing, formatting, etc.

Additionally, students can choose from two options: a thesis and a non-thesis option.

The thesis option requires 30 hours of completed coursework, including

1. all required courses with a cumulative grade point average of at least 3.0 and no more than two grades of C;
2. a master's thesis for an additional 6 hours credit.

The thesis option may be exercised only with department approval.

The non-thesis option requires 36 hours of 400-level course work as specified with a cumulative grade point average of at least 3.0 and no more than two grades of C, plus the final capstone paper ("Graduation Project").

Any special program design, tutored study, or independent study must be approved in advance by the graduate advisor, and also requires the approval of the instructor, department chair, and the appropriate college dean(s).

Course Requirements

Language		
TESL-402	Principles Of Linguistics For Teachers	3
TESL-420	Structure Of Modern English	3
TESL-426	Advanced Linguistic Analysis	3
Culture		
TESL-445	Language Variation	3
TESL-447	Pragmatics (or another culture-related course, in consultation with the advisor)	3
Planning, Implementing, and Managing Instruction		
TESL-410	Techniques Of Teaching English As A Second Language	3
One other course, in consultation with the advisor		3
Assessment		
TESL-468	Assessment Of The Limited English Proficient Student	3
Professionalism		
TESL-414	Theories Of Teaching English As A Second Language	3
TESL-460	Second Language Acquisition	3
Total Hours		30

Electives

Non-thesis Option: Six credits worth of electives are selected from the list of 400-level courses approved by the TESOL graduate advisor. In addition, a limited number of courses offered by other departments may be taken as electives. See your advisor for more information.

Thesis Option: Six credits of Thesis Hours (TESL 5901-3).

TESL courses which may be taken as electives include:

TESL-409	Research Design & Methods	3
TESL-430F	Structure Of Language: Tai, Kirundi, Tun, Arabic	3
TESL-433	Lexicography	3
TESL-440	Language & Literacy	3
TESL-442	Using Technology With Second Language Learners	3
TESL-447	Pragmatics	3
TESL-451	Lexically-Based Instruction	3
TESL-452	Content-Based Instruction	3
TESL-465	Experiential Preparation For Teaching English As A Second Language	3
TESL-471	Evolution Of Laws & Policies In Language Instruction	3

TESL-490F	Seminar In TESL: Language & Culture	3
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Requirements for the TESOL Graduate Certificate Program:

The 18-credit curriculum of the TESOL Graduate Certificate reflects the practical knowledge and skills conveyed in the five already existing TESOL graduate courses, the *Adult Needs, Course Design, and Assessment* course, and the 60-hour practicum.

Students are required to complete the five courses (15 credits) plus the practicum (3 credits) indicated below.

TESL-402	Principles Of Linguistics For Teachers	3
TESL-410	Techniques Of Teaching English As A Second Language	3
TESL-414	Theories Of Teaching English As A Second Language	3
TESL-420	Structure Of Modern English	3
TESL-406	Adult Needs, Design And Assessment	3
TESL-465	Experiential Preparation For Teaching English As A Second Language	3

Minor in TESL

The TESOL Program offers courses leading to an undergraduate minor. In addition, these same courses can be taken by students in the College of Education who are pursuing state licensure for teaching (license types 03, 04, 09, or 10) and would simultaneously like to work toward an endorsement for teaching English as a second language in the State of Illinois. Students seeking the TESOL Endorsement will also need to complete an additional 100 clinical hours in an ESL setting; these should be completed in conjunction with enrollment in TESL 399.

Please note: The 100 clinical hours are NOT a requirement of the TESL Minor; they are one of the state's requirements for receiving the TESOL endorsement.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in TESL/TEFL (18 credit hours)

Required Courses ¹

TESL-301	The English Language For Teachers	3
TESL-310	English Grammar: Description & Instruction	3
TESL-330 or TESL-320K	Language, Society, And Education Language & Culture: Latin America	3
TESL-341	Principles Of Language Teaching	3
TESL-340	Practices & Procedures	3
TESL-343 or BLBC-342	TESL Assessment Assessment In The Bilingual Classroom	3

Total Hours

18

2 *Minor in TESL*

1 Alternate options may be available to fulfill the minor. Please contact the TESOL undergraduate advisor.

TESL Endorsement

TESL Endorsement

The TESL Program offers graduate courses that can be taken by individuals who are already state licensed teachers who wish to qualify for State Of Illinois Endorsement to teach ESL. For undergraduate students who are working toward a state certification and would like to simultaneously complete coursework leading to the endorsement at the undergraduate level, please see above under "Minor in TESL".

To get a TESL Endorsement you need to:

- Possess a valid Early Childhood, Elementary, Secondary, or Special Education Illinois Teaching License (license types 03, 04, 09, or 10)
- Complete 18 credit hours distributed among five course areas designated by the state. NEIU offers the courses below to fulfill TESL Endorsement requirements. See your advisor for other courses that may be acceptable.

Linguistics

TESL-420	Structure Of Modern English (Prereq: TESL-402)	3
or TESL-402	Principles Of Linguistics For Teachers	

Theoretical Foundations of Teaching ESL

TESL-414	Theories Of Teaching English As A Second Language	3
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Assessment of the Bilingual Student

TESL-468	Assessment Of The Limited English Proficient Student (Prereq: TESL-410 and TESL-414)	3
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Methods and Materials of Teaching ESL

TESL-410 & TESL-402	Techniques Of Teaching English As A Second Language and Principles Of Linguistics For Teachers (Prereq: TESL-414)	6
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Cross-Cultural Studies for Teaching Limited English-Proficient (LEP) Students

TESL-445	Language Variation	3
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- Complete 100 clock hours of ESL clinical experience.

Women's and Gender Studies Program

Women's and Gender Studies addresses knowledge and praxis from intersections of feminist, anti-racist, multicultural, global and ecological perspectives. Centering marginalized knowledge and practices, we critique and challenge the dominant social, political and historical production of knowledge. We examine, from interdisciplinary perspectives, how power is distributed and used along the intersections of race, class, gender, geography, age, abilities and sexualities, including studying the lives, histories and cultures of Lesbian, Gay, Bisexual, Transgendered and Queer (LGBTQ) communities and allies. Women's and Gender Studies courses emphasize rigorous critical thinking, innovative scholarship and creativity, to assist students and faculty to radically envision different bodies of knowledge and social change. This creates an environment of learning and passionate commitment to social justice. Through curriculum, pedagogical strategies, university transformation and civic engagement, our community of learners takes up issues of oppression, resistance and social justice to make connections between personal, state and global communities. As a community of practitioners, researchers, learners, leaders and activists, we work to develop and implement meaningful social change within the university and beyond, to create the type of world where injustice and inequality are fought and to resist the daily oppressions of the current social order.

The program operates the Blanche Hersh Women's and Gender Studies Resource Center and the Empowering Students Computer Lab located in LWH-2096. The Center is place where students, faculty and staff can gather in a more informal setting. It houses a Women's and Gender Studies library of books and periodicals. Additionally, the computer lab is a place for students to work on a paper, finish an assignment or check their email in a friendly, supportive environment.

- Major in Women's and Gender Studies (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/womens-gender-studies-program/womens-gender-studies>)
- Minor in Women's and Gender Studies (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/womens-gender-studies-program/minor-womens-gender-studies>)
- Minor in Lesbian, Gay, Bisexual, Transgender and Queer Studies (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/womens-gender-studies-program/minor-lgbtq-studies>)

Brett Stockdill, Ph.D., Professor, Chair

Olivia Perlow, Ph.D., Associate Professor, Sociology, Program Coordinator

Core Faculty

Tony Adams, Ph.D., Associate Professor, CMT

Deberah Bernstein, J.D., Instructor, Justice Studies

Brandon Bisbey, Ph.D., Assistant Professor, WLC

Laurie Fuller, Ph.D., Professor, Women's & Gender Studies

Lisa Hollis-Sawyer, Ph.D., Associate Professor, Psychology

Brooke Johnson, Ph.D., Assistant Professor, Sociology

Timothy Libretti, Ph.D., Professor, English

Nancy Matthews, Ph.D., Professor, Justice Studies

Erica Meiners, Ph.D., Professor, EICS

Adam Messinger, Ph.D., Assistant Professor, Justice Studies

Audrey Natcone, J.D., Instructor, Justice Studies

Kristen Over, Ph.D., Associate Professor, English

Milka Ramirez, Ph.D., Assistant Professor, Social Work

Jade S. Stanley, Ed.D., Professor, Social Work

Durene Wheeler, Ph.D., Associate Professor, EICS

Affiliate Faculty

Tim Barnett, Ph.D., Associate Professor, English

Vicki Byard, Ph.D. Professor, English

Ellen Cannon, Ph.D., Professor, Political Science

Kimberly Davidson, Instructor, Social Work

Aneta Galary, Ph.D., Instructor, Sociology

Emily Garcia, Ph.D., Associate Professor, English

Nikolas Hoel, Instructor, History

Catherine Korda, LCSW, Instructor, Justice Studies

Tracy Luedke, Ph.D., Associate Professor, Anthropology

Sophia Mihic, Ph.D., Professor, Political Science

Francesca Morgan, Ph.D., Associate Professor, History

Wamucii Njogu, Ph.D., Associate Professor, Sociology

Vicki Román-Lagunas, Ph.D., Professor, World Languages & Cultures

Vida Sacic, M.F.A., Associate Professor, Art

Tim Scherman, Ph.D., Associate Professor, English

Terry Stirling, Ph.D., Professor, Educational Leadership and Development

WGS-101. Women's Perspectives And Values. 3 Hours.

This course examines the philosophical basis of patriarchy and analyzes the impact of gender on the lives of women. Emphasis is placed on the effect that ethnicity, race, class and sexual orientation have in determining the status of women in our society. Feminist theory and creative writing are studied; women's voices, perspectives and values are discussed. (This is a General Education course in the area of Humanities.).

WGS-109. First Year Experience: Women Organizing In Chicago. 3 Hours.

This course provides an opportunity for first year students to explore Chicago through the perspective of women organizers of Chicago with specific relevance for those students 25 years of age or older. This exploration of the city of Chicago will allow students to explore the diverse contributions of women organizers with Chicago roots and their contributions to the greater US society through readings, multi-media, guest lecturers and presentations and field experiences. The central aim of this course is to foster critical reading and thinking about women's lives and an understanding of how the interlocking systems of racism, classism, sexism, and heterosexism shape women's lives as well as the ways women have organized to resist these oppressions, change their lives and the lives of those around them.

WGS-109A. First Year Experience: Sex Lives In Chicago. 3 Hours.

FYE: Sex Lives in Chicago critically examines sexualities in the social and physical space of Chicago from a feminist, sex-positive standpoint. In this course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery and Transitions) are interwoven into the concepts of sexualities, gender and power. This course explores the diversity of sexual identities, practices, and behaviors in historical and modern Chicago. Students will discover the diversity and complexity of sexualities in Chicago through readings, speakers, films, and field experiences while simultaneously building personal and academic skills that ensure success at NEIU.

WGS-150. Women's Self-Defense. 1 Hour.

This course develops a framework for understanding violence and self-defense. Major focus is on learning and practicing awareness, prevention, assessment, verbal boundary setting and physical self-defense skills in simulated scenarios. (This course is not repeatable.).

WGS-201. Writing Intensive Program:Feminist Ideas. 3 Hours.

Feminist Ideas is intended to insure that students understand what feminist perspectives are and their relationship to Women's and Gender Studies, social issues and social change. With a focus on Organizing, Family, Health/Reproductive Justice, Violence and Work, students will learn to recognize historical and contemporary feminist leaders, understand the implications and applications of feminist ideas, apply lessons learned from past struggles to contemporary social issues and evaluate women's changing status, by race, class, age, ability, and sexual orientation and other inequalities.

Prerequisites: (WSP-101 minimum grade of C or WGS-101 minimum grade of C) and ENGL-101 minimum grade of C.

WGS-202. Feminist Activism. 3 Hours.

This course, subtitled Grassroots Resistance in the U.S., focuses on women as social actors challenging gender stereotypes; organizing to reduce poverty, racism, homophobia and violence; working to expand opportunities; and confronting barriers in education, the criminal justice system and politics. Popular analyses of women and social change often limit themselves to women's roles in families and paid workplaces. Focus is on ordinary women who are working collectively in diverse social settings to empower themselves and others, exploring barriers women face, goals and strategies for social change, and the rewards and challenges of feminist grassroots activism.

Prerequisite: WSP-101 minimum grade of C or WGS-101 minimum grade of C.

WGS-210. Introduction To Lesbian, Gay, Bisexual, Transgender & Queer Studies. 3 Hours.

The Introduction to Lesbian, Gay, Bisexual, Transgendered and Queer (LGBTQ) Studies offers an introductory and interdisciplinary approach to studying the lives, histories and cultures of LGBTQ communities and allies. This course focuses on the multiplicity and diversity in gender and sexual expression including how race, class, ability and other identity markers shape LGBTQ lives. Examining introductory questions in gender and sexualities studies, the course addresses the intersection of identity, knowledge and action through critical thinking, analysis, active learning and social engagement.

WGS-302. Feminist Theory:Questions Of Race, Class, And Sexuality. 3 Hours.

This course, subtitled Questions of Race, Class and Sexuality, is designed to give an introduction into conceptions of feminist theories. Moreover, much of the course will be spent reading and writing about theory. We will begin with an attempt to articulate the assumptions that underlie contemporary feminist theories by tracing the theoretical conceptions they are based upon. Our focus will be on the importance of the position and situation of the subject with respect to questions of class, race, sexuality, gender, historical moment and social location.

Prerequisite: WSP-101 minimum grade of C or WGS-101 minimum grade of C.

WGS-310. Lesbian & Queer Cultures: Identities, Histories & Resistance. 3 Hours.

This interdisciplinary course introduces students to historical and theoretical research through a series of topics: Identity, Sex, Violence, Activism, and Beyond. This will form the contexts for exploring issues and questions surrounding lesbian and queer cultures. Books, articles, magazines, videos, films, music, art, and more will be used. What makes up, establishes, creates, develops, organizes lesbian and queer cultures? This will be examined, in the context of various struggles over meanings and identities, considering that those meanings change over time and context and differ across race, class and other identity markers.

Prerequisite: WSP-101 minimum grade of C or WGS-101 minimum grade of C.

WGS-311. Power, Knowledge & Communities: Feminists Engagements With Education. 3 Hours.

This course focuses on the role of the educational system in the constructions and reproduction of gender and racial inequality. Using both academic and popular literature to gain perspectives, we will examine relationships between school and society. Topics to be addressed include the historical constructions, representation of schooling and the teaching profession, popular culture and education, and sexuality and schooling.

Prerequisite: WSP-101 minimum grade of C or WGS-101 minimum grade of C.

WGS-312. Women & Global Human Rights. 3 Hours.

Women's issues have recently been viewed through the lens of human rights. Increasingly they are included in the goals, programs and policies of international human rights organizations, from the United Nations to Amnesty International. This course will examine this shift in perspective and the impact it is having on women's lives worldwide. We will explore international human rights as they apply to women. What do we mean by "human rights"? How have these rights been socially defined, struggled over, and, in some cases, won? To what extent have women and women's rights been included in these conversations and struggles?.

Prerequisite: WSP-101 minimum grade of C or WGS-101 minimum grade of C.

WGS-313. Radical Feminist Imagination In Literature. 3 Hours.

Examination of literary works broadly representative of something called feminist imaginative response to U.S. patriarchy. The meaning of radical feminism will be explored as authors from a range of racial, class, and sexual identities are placed in dialogue with each other and with their respective socio-historical and cultural contexts. Focus will be on textual interpretation and exploring how each work attempts to develop its version of feminist consciousness. The course will investigate how these texts formulate a narrative of women's liberation against the dominant patriarchal narratives that inform cultural consciousness and social relations.

Prerequisite: WSP-101 minimum grade of C or WGS-101 minimum grade of C.

WGS-314. Science, Women & Technology. 3 Hours.

An examination of women who have been successful in computing from Countess Ada Lovelace and Grace Hopper to others more modern like Anita Borg, who founded Systems, the email forum for women in technology. Students will analyze the relationships between and among various social institutions in the context of inequality, power and oppression by reflecting on women's experiences including why there are so few women in science and technology and what can be done to remediate the situation.

Prerequisite: WSP-101 minimum grade of C or WGS-101 minimum grade of C.

WGS-315. Redesigning The American Dream. 3 Hours.

In this course special attention will be given to environments that support women's needs and enhance the quality of women's lives and the lives of other disenfranchised groups. Design concepts and spatial policies for the creation of shelters for battered and homeless women, innovative housing and neighborhoods that support diverse households such as single person, single parent, inter-generational, dual career couples, mixed income, individuals with disabilities, and families of choice will be developed through class discussions about violence against women, poverty, racism, aging, homophobia, women in developing countries and the changing conditions of work and family life.

Prerequisite: WSP-101 minimum grade of C or WGS-101 minimum grade of C.

WGS-316. Science And The Gendered Body. 3 Hours.

This course traces the history of how gender and sex are identified and studied in scientific and medical fields and how cultural conception of gender and sex can influence the interpretation of scientific phenomena. Readings draw from the primary scientific literature, the history and philosophy of science, and cultural anthropological analyses of science and medicine.

WGS-321. Internship In Women's Studies. 1 Hour.

Placement in a university or community agency that provides services to women. This will be an opportunity to test classroom concepts in a field setting.

WGS-322. Internship In Women's Studies. 2 Hours.

(See description for WGS-321.).

WGS-323. Internship In Women's Studies. 3 Hours.

(See description for WGS-321.).

WGS-331. Independent Study In Women's Studies. 1 Hour.

An intensive investigation of a special area of Women's and Gender Studies.

WGS-332. Independent Study In Women's Studies. 2 Hours.

An intensive investigation of a special area of Women's and Gender Studies.

WGS-333. Independent Study In Women's Studies. 3 Hours.

(See description for WGS-331.).

WGS-333A. Independent Study In Women's Studies. 3 Hours.

(See description for WGS-331.).

WGS-350. Seminar In Women's Studies. 3 Hours.

This interdisciplinary capstone course builds on knowledge gained in other Women's and Gender Studies classes. Advanced instruction in appropriate areas such as: feminist theory and methodology, international women's movements, and other topics. Includes a component on research methods/writing. Consent of the instructor is necessary. This course is a requirement for students completing the Women's Studies Major and Minor.

Prerequisite: WSP-101 minimum grade of C or WGS-101 minimum grade of C.

WGS-360. Queer Theory. 3 Hours.

Queer theory developed in the early 1990s out of the conjunction of feminist theory, sexuality studies, and queer activism. This course introduces students to some of the key authors and texts in queer theory, shows students how queer theory may be applied in a variety of academic fields, and examines critiques of queer theory as androcentric, Eurocentric, overly intellectual, and impractical. This course aims to foster critical thinking, writing, and discussion. We will go beyond merely digesting theorists' work to actively engaging with the material and critiquing both commonly held assumptions and academic theories about gender and sexuality.

Prerequisite: WSP-210 minimum grade of D or WGS-210 minimum grade of D.

WGS-361. Queer Latin American Narrative And Film. 3 Hours.

This course explores the representation of sexual diversity and gender nonconformity in Latin American cultural production (narrative and film) from a perspective informed by feminist theory, LGBT studies and queer theory. Students critically engage these theoretical paradigms while developing research skills and proficiency in oral and written expression through class assignments, including a final research paper.

Prerequisite: ENGL-101 minimum grade of C.

Major in Women's and Gender Studies

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Women's and Gender Studies

Majors in Women's and Gender Studies (WGS) will fill out the WGS Major Declaration form in the Program office. All Women's and Gender Studies majors must complete six required courses (18 credit hours) and six courses of electives (18 credit hours) from at least two academic departments for a total of 36 credit hours.

Required Courses

WGS-101	Women's Perspectives And Values	3
WGS-201	Writing Intensive Program:Feminist Ideas	3
WGS-202	Feminist Activism	3
WGS-302	Feminist Theory:Questions Of Race, Class, And Sexuality	3
WGS-323	Internship In Women's Studies	3
WGS-350	Seminar In Women's Studies	3
Electives from at least 2 departments		18
Total Hours		36

Students choose from a list of elective courses (WGS or cross-listed) that encourages an interdisciplinary approach to Women's and Gender Studies and will expose them to the widest variety of Women's and Gender Studies faculty. Elective courses, which do not appear on the electives list below, must be approved by the major advisor or coordinator and may not exceed 6 credit hours. Elective courses must be distributed among at least two different disciplines or departments.

Electives**Anthropology**

ANTH-307	Anthropology Of Gender, Sexuality And The Body	3
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Communication, Media and Theatre

CMTC-313	Communication, Gender & Identity	3
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CMTM-377	Gender And Media	3
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CMTT-337	Women Playwrights	3
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Educational Foundations

EDFN-314L	Gender, Race, And Class Issues In Education	3
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English

ENGL-303	Contemporary Gay And Lesbian Literature: Exploring Layers Of Difference	3
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ENGL-367	Re-Thinking Race And Gender	3
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ENGL-371	Studies In Women's Literature	3
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ENGL-372	American Women Writers Of The Nineteenth Century	3
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History

HIST-315	Women In Medieval Society	3
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HIST-338	Women In American History	3
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Justice Studies

JUST-311	Women, Crime, And The Criminal Justice System	3
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JUST-321	Violence Against Women	3
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JUST-322	Women, Justice And The Law	3
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JUST-324	Women As Political Prisoners	3
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JUST-325	Women And Revolution: Theories Of Justice	3
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JUST-328	Social Justice & LGBTQ Issues	3
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JUST-355	LGBTQ Communities & Crime	3
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Philosophy

PHIL-105	Feminist Philosophy	3
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PHIL-218	Philosophy Of Sex	3
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PHIL-353	Feminism And The Philosophy Of Science	3
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PHIL-366	Feminist Ethics	3
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PHIL-373	Advanced Feminist Philosophy	3
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Political Science

PSCI-322	Women And Political Influence In The 21st Century	3
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PSCI-373	Gender And Politics	3
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PSCI-398	Law And Social Change	3
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Psychology

PSYC-312	Psychological Development In Women	3
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Sociology

SOC-105	Women, Men And Social Change	3
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SOC-214	Sociology Of Intimacy, Marriages And Families	3
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SOC-270	Sociology Of Latinas	3
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SOC-306	American Women-The Changing Image	3
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SOC-307	Men & Masculinities	3
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SOC-329	Sociology Of Violence	3
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SOC-332	Sociology Of Education	3
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SOC-340	Sociology Of Sexualities	3
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SOC-344	African American Women:Feminism, Race, And Resistance	3
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SOC-347	Sociology Of Media	3
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SOC-352	Sociology Of HIV/AIDS	3
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Social Work

SWK-208	Human Sexuality And Social Work	3
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SWK-312	Women And Social Work	3
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SWK-320	Domestic Violence Social Work:Theory And Practice	3
Women's and Gender Studies		
WGS-150	Women's Self-Defense	1
WGS-210	Introduction To Lesbian, Gay, Bisexual, Transgender & Queer Studies	3
WGS-310	Lesbian & Queer Cultures: Identities, Histories & Resistance	3
WGS-311	Power, Knowledge & Communities: Feminists Engagements With Education	3
WGS-312	Women & Global Human Rights	3
WGS-313	Radical Feminist Imagination In Literature	3
WGS-314	Science, Women & Technology	3
WGS-315	Redesigning The American Dream	3
WGS-321	Internship In Women's Studies	1
WGS-316	Science And The Gendered Body	3
WGS-322	Internship In Women's Studies	2
WGS-331	Independent Study In Women's Studies	1
WGS-332	Independent Study In Women's Studies	2
WGS-333	Independent Study In Women's Studies	3
WGS-360	Queer Theory	3
WGS-361	Queer Latin American Narrative And Film	3

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
ENGL-101	Writing I	3
General Education-Social/Behavioral		3
General Education-Natural Science		3
General Education-Humanities		3
General Education-Fine Arts		3

Term Hours 15

Term 2		Hours
WGS-101	Women's Perspectives And Values	3
General Education-Social/Behavioral		3
General Education-Humanities		3
General Education-Quantitative		3
Elective		3

Term Hours 15

Second Year

Term 1		Hours
WGS-201	Writing Intensive Program:Feminist Ideas	3
WGS Elective		3
General Education-Social/Behavioral		3
General Education-Natural Science		3
General Education-Fine Arts		3

Term Hours 15

Term 2		Hours
WGS-202	Feminist Activism	3
WGS Elective		3
General Education-Social/Behavioral		3
General Education-Natural Science		3
General Education-Humanities		3

Term Hours 15

Third Year

Term 1		Hours
WGS-302	Feminist Theory:Questions Of Race, Class, And Sexuality	3

WGS Elective		3
Elective/Minor		3
Elective		3
Elective		3
Term Hours		15
Term 2		
WGS Elective		3
WGS Elective		3
Elective/Minor		3
Elective/Minor		3
Elective		3
Term Hours		15
Fourth Year		
Term 1		
WGS-323	Internship In Women's Studies	3
WGS Elective		3
Elective/Minor		3
Elective		3
Elective		3
Term Hours		15
Term 2		
WGS-350	Seminar In Women's Studies	3
Elective/Minor		3
Elective/Minor		3
Elective		3
Elective		3
Term Hours		15
Total Hours:		120

Minor in Lesbian, Gay, Bisexual, Transgender and Queer Studies

Minor in Lesbian, Gay, Bisexual, Transgender and Queer (LGBTQ) Studies

The LGBTQ Studies Minor offers an interdisciplinary approach to studying the lives, histories and cultures of Lesbian, Gay, Bisexual, Transgender and Queer communities and allies. Courses in history, culture, health, politics, justice, education, literature and the arts reflect a commitment to understanding and representing the contributions of LGBTQ individuals and communities. The program focuses on justice, knowledge and action that honor multiplicity and diversity in gender and sexual expression including how race, class, ability and other identity markers shape LGBTQ lives.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Lesbian, Gay, Bisexual, Transgender and Queer Studies requirements

Minors in LGBTQ Studies will fill out the LGBTQ Minor Declaration form in the Program office.

Required Courses

WGS-210	Introduction To Lesbian, Gay, Bisexual, Transgender & Queer Studies	3
WGS-360	Queer Theory	3
Select one of the following:		3
CMTC-313	Communication, Gender & Identity ¹	
ENGL-303	Contemporary Gay And Lesbian Literature: Exploring Layers Of Difference ¹	
JUST-328	Social Justice & LGBTQ Issues ¹	

WGS-310	Lesbian & Queer Cultures: Identities, Histories & Resistance ¹	
Electives		
Select three of the following:		9
CMTC-313	Communication, Gender & Identity ¹	
CMTM-377	Gender And Media	
ENGL-303	Contemporary Gay And Lesbian Literature: Exploring Layers Of Difference ¹	
JUST-328	Social Justice & LGBTQ Issues ¹	
JUST-355	LGBTQ Communities & Crime	
PHIL-218	Philosophy Of Sex	
SOC-307	Men & Masculinities	
SOC-340	Sociology Of Sexualities	
SOC-352	Sociology Of HIV/AIDS	
SWK-208	Human Sexuality And Social Work	
WGS-310	Lesbian & Queer Cultures: Identities, Histories & Resistance ¹	
WGS-316	Science And The Gendered Body	
WGS-361	Queer Latin American Narrative And Film	
Total Hours		18

¹ These courses may only be counted once toward the minor in LGBTQ Studies. Note: Elective cross-listed courses which do not appear on the above list may be approved for minor credit by the LGBTQ Studies coordinator, not to exceed 3 credit hours.

Minor in Women's and Gender Studies

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minors in Women's and Gender Studies (WGS)

Students will fill out the WGS Minor Declaration form in the Program office.

All Women's and Gender Studies minors must complete two required courses (6 credit hours) and five electives (15 credit hours) from at least two academic departments for a total of 21 credit hours. Elective courses (WGS or cross-listed) which do not appear on the list below must be approved for minor credit by the WGS advisor or coordinator and may not exceed 3 credit hours.

Required Courses

WGS-101	Women's Perspectives And Values	3
WGS-350	Seminar In Women's Studies	3
Electives		15
Total Hours		21

Electives

Anthropology		
ANTH-307	Anthropology Of Gender, Sexuality And The Body	3
Communication, Media and Theatre		
CMTC-313	Communication, Gender & Identity	3
CMTM-377	Gender And Media	3
CMTT-337	Women Playwrights	3

Educational Foundations		
EDFN-314L	Gender, Race, And Class Issues In Education	3
English		
ENGL-303	Contemporary Gay And Lesbian Literature: Exploring Layers Of Difference	3
ENGL-367	Re-Thinking Race And Gender	3
ENGL-371	Studies In Women's Literature	3
ENGL-372	American Women Writers Of The Nineteenth Century	3
History		
HIST-315	Women In Medieval Society	3
HIST-338	Women In American History	3
Justice Studies		
JUST-311	Women, Crime, And The Criminal Justice System	3
JUST-321	Violence Against Women	3
JUST-322	Women, Justice And The Law	3
JUST-324	Women As Political Prisoners	3
JUST-325	Women And Revolution: Theories Of Justice	3
JUST-328	Social Justice & LGBTQ Issues	3
JUST-355	LGBTQ Communities & Crime	3
Philosophy		
PHIL-105	Feminist Philosophy	3
PHIL-218	Philosophy Of Sex	3
PHIL-353	Feminism And The Philosophy Of Science	3
PHIL-366	Feminist Ethics	3
PHIL-373	Advanced Feminist Philosophy	3
Political Science		
PSCI-322	Women And Political Influence In The 21st Century	3
PSCI-373	Gender And Politics	3
PSCI-398	Law And Social Change	3
Psychology		
PSYC-312	Psychological Development In Women	3
Sociology		
SOC-105	Women, Men And Social Change	3
SOC-214	Sociology Of Intimacy, Marriages And Families	3
SOC-270	Sociology Of Latinas	3
SOC-306	American Women-The Changing Image	3
SOC-307	Men & Masculinities	3
SOC-329	Sociology Of Violence	3
SOC-332	Sociology Of Education	3
SOC-340	Sociology Of Sexualities	3
SOC-344	African American Women:Feminism, Race, And Resistance	3
SOC-347	Sociology Of Media	3
SOC-352	Sociology Of HIV/AIDS	3
Social Work		
SWK-208	Human Sexuality And Social Work	3
SWK-312	Women And Social Work	3
SWK-320	Domestic Violence Social Work:Theory And Practice	3
Women's and Gender Studies		
WGS-150	Women's Self-Defense	1
WGS-201	Writing Intensive Program:Feminist Ideas	3
WGS-202	Feminist Activism	3
WGS-210	Introduction To Lesbian, Gay, Bisexual, Transgender & Queer Studies	3
WGS-302	Feminist Theory:Questions Of Race, Class, And Sexuality	3

WGS-310	Lesbian & Queer Cultures: Identities, Histories & Resistance	3
WGS-311	Power, Knowledge & Communities: Feminists Engagements With Education	3
WGS-312	Women & Global Human Rights	3
WGS-313	Radical Feminist Imagination In Literature	3
WGS-314	Science, Women & Technology	3
WGS-315	Redesigning The American Dream	3
WGS-316	Science And The Gendered Body	3
WGS-321	Internship In Women's Studies	1
WGS-322	Internship In Women's Studies	2
WGS-323	Internship In Women's Studies	3
WGS-331	Independent Study In Women's Studies	1
WGS-332	Independent Study In Women's Studies	2
WGS-333	Independent Study In Women's Studies	3
WGS-360	Queer Theory	3
WGS-361	Queer Latin American Narrative And Film	3

World Languages and Cultures

The mission of the Department of World Languages and Cultures is to provide high quality instruction in world languages, and to prepare students to be lifelong learners and engaged citizens through the critical study of the literatures and cultures associated with these languages.

The language and critical thinking skills you develop through written and oral exposition, research, and service learning will enhance your career opportunities in today's global society and provide the basis for a lifetime exploration of multiple cultures and worldviews.

We offer courses leading to

1. A Master of Arts in Latin American Literatures and Cultures,
2. A Bachelor of Arts in Spanish
3. Minors in Spanish, French Studies, and Korean.

For the Korean Minor, please consult the department. For other programs, visit our undergraduate and graduate program pages. We also offer basic language courses in Arabic, Aramaic, Chinese, French, Italian, Japanese, Korean, Polish, Portuguese and Spanish, as well as introductory courses taught in English on the cultures associated with these languages.

Language Learning Laboratory

The Department of World Languages and Cultures is pleased to provide a technology-rich and comfortable environment to study and practice a second language. Find us in Rooms LIB 449 and Room LIB 451 on the fourth floor of the Ronald Williams Library (<http://library.neiu.edu>) around the corner from the Learning Support Center (<http://www.neiu.edu/university-life/learning-support-center>). At the Language Learning Lab (<http://www.neiu.edu/academics/college-of-arts-and-sciences/departments/world-languages-and-cultures/language-learning-laboratory>) (LLL), we provide technical support and instructional media for students taking courses in the various languages taught by our department. To our faculty and instructors, we provide a place to integrate audio, video, computer and Internet resources into language teaching, by which students can gain communication skills and an authentic cultural experience.

NEIU Language Back Credit Policy

You may receive up to 9 no-cost credits for language courses not already accredited, through one of the following:

1. College coursework:
 - Complete 102 (or its equivalent) with a B or above = up to 3 credits of 101 in the target language.
 - Complete 103/201 with a B or above = up to 6 credits in the target language (101 and/or 102).
 - Complete any course beyond 103/201= up to 9credits in the target language (101, 102 and/or 103/201).
2. Advanced Placement (AP) Exam:
 - Score of 3 = Up to 3 credits in the target language (103/201).
 - Score of 4 = Up to 6 credits in the target language (103/201 and/or 202).
 - Score of 5 = Up to 9 credits in the target language (103/201, 202 and/or one more course to be determined in consultation with the Chair of the Department of World Languages and Cultures).
3. CLEP Exam:

See the CLEP exam policy of this catalog (<http://catalog.neiu.edu/admissions/ap-ib-clep-dual-admission/#creditforcollegelevelexaminationprogramclep>).

Notes on the Back Credit Policy:

- 103 and 201 are equivalent courses for the third semester of the language sequence.
- If you have not taken a college-level language course before, take NEIU's language placement exam (www.neiu.edu/languages) to determine what course you should take.

- For more information on the AP and CLEP Exams visit: www.collegeboard.com/student/testing/ap/about.html (<http://catalog.neiu.eduhttp://www.collegeboard.com/student/testing/ap/about.html>)
- Major in Spanish (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/world-languages-cultures/spanish>)
- Minor in Spanish (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/world-languages-cultures/minor-spanish>)
- Minor in French Studies (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/world-languages-cultures/minor-french-studies>)
- Teacher Licensure in Spanish K-12 (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/world-languages-cultures/teacher-licensure-spanish-k-12>)
- Master of Arts in Latin American Literatures and Cultures (<http://catalog.neiu.edu/archive/2016-2017/arts-sciences/world-languages-cultures/master-arts-latin-american-literatures-cultures>)

Denise Cloonan Cortez, Ph.D., Professor of Spanish, Chair

Brandon Bisbey, Ph.D., Assistant Professor

Lucia Lombardi, Ph.D., Associate Professor of Spanish

Vicki Román-Lagunas, Ph.D., Professor of Spanish

Esther M. Santana, Ph.D., Associate Professor of Spanish

World Languages and Cultures

WLC-200A. Introduction To Arab Cultures. 3 Hours.

This course introduces students to the wealth of literary, artistic, and musical cultures in the Arabic-speaking world. You will learn to describe, contextualize, and analyze representative cultural texts from literature (e.g., poems, short stories, folk tales and legends), fine arts (e.g., painting and photography), and popular culture (e.g., popular music, films, comics), and to evaluate how they reinforce, question or subvert normative constructions of gender, ethnicity, race, sexuality and nationalism specific to but not limited to the Arabic-speaking world. Taught in English. Sophomore standing or above.

WLC-200B. Introduction To Brazilian Culture. 3 Hours.

This course introduces students to the wealth of literary, artistic, and musical cultures in Brazil. You will learn to describe, contextualize, and analyze representative cultural texts from literature (e.g., poems, short stories, folk tales and legends), fine arts (e.g., painting and photography), and popular culture (e.g., popular music, films, comics), and to evaluate how they reinforce, question or subvert normative constructions of gender, ethnicity, race, sexuality and nationalism specific to but not limited to Brazil. Taught in English. Sophomore standing or above.

WLC-200C. Introduction To Chinese Culture. 3 Hours.

This course introduces students to the wealth of literary, artistic, and musical cultures in China. You will learn to describe, contextualize, and analyze representative cultural texts from literature (e.g., poems, short stories, folk tales and legends), fine arts (e.g., painting and photography), and popular culture (e.g., popular music, films, comics), and to evaluate how they reinforce, question or subvert normative constructions of gender, ethnicity, race, sexuality and nationalism specific to but not limited to China. Taught in English. Sophomore standing or above.

WLC-200E. Intermediate Studies In Foreign Language: Introduction To Korean Culture. 3 Hours.

WLC-200F. Introduction To French And Francophone Cultures. 3 Hours.

This course introduces students to France and francophone cultures and to the French and francophone influences in Chicago and the Midwest. Students will learn to describe, contextualize, and analyze representative cultural texts from literature (i.e., poems, short stories, folk tales, and legends), fine arts (i.e., painting and photography), and popular culture (i.e., popular music, films, comics), and to evaluate how they reinforce, question or subvert normative constructions of gender, ethnicity, race, sexuality and nationalism in France and the international francophone community. Taught in English. Sophomore standing or above.

WLC-200I. Introduction To Italian Culture. 3 Hours.

This course introduces students to the wealth of literary, artistic, and musical cultures in culture of Italy. You will learn to describe, contextualize, and analyze representative cultural texts from literature (i.e., poems, short stories, folk tales and legends), fine arts (i.e., painting and photography), and popular culture (i.e., popular music, films, comics), and to evaluate how they reinforce, question or subvert normative constructions of gender, ethnicity, race, sexuality and nationalism specific to but not limited to culture of the Italian peninsula. Taught in English. Sophomore standing or above.

WLC-200J. Introduction To Japanese Culture. 3 Hours.

This course introduces student to the wealth of literary, artistic, and musical cultures in Japan. You will learn to describe, contextualize, and analyze representative cultural texts from literature (e.g., poems, short stories, folk tales and legends), fine arts (e.g., painting and photography), and popular culture (e.g., popular music, films, comics), and to evaluate how these texts reinforce, question or subvert normative constructions of gender, ethnicity, race, sexuality and nationalism specific to but not limited to Japan. Knowledge of Japanese language is not required, but because the Japanese often integrate their culture and language, a discussion of some elements of the Japanese language will be part of the class. Taught in English. Sophomore standing or above.

WLC-200L. Introduction To Latin American Cultures. 3 Hours.

This course introduces students to the wealth of literary, artistic, and musical cultures in Latin America. Students will learn to describe, contextualize, and analyze representative cultural texts from literature (e.g., poems, short stories, folk tales and legends), fine arts (e.g., painting and photography), and popular culture (e.g., popular music, films, comics), and to evaluate how they reinforce, question or subvert normative constructions of gender, ethnicity, race, sexuality and nationalism specific to but not limited to Latin America. Taught in English.

WLC-200P. Introduction To Polish Culture. 3 Hours.

This course introduces students to the wealth of literary, artistic, and musical cultures in Poland. Students will learn to describe, contextualize, and analyze representative cultural texts from literature (e.g., poems, short stories, folk tales and legends), fine arts (e.g., painting and photography), and popular culture (e.g., popular music, films, comics), and to evaluate how they reinforce, question or subvert normative constructions of gender, ethnicity, race, sexuality and nationalism specific to but not limited to Poland. Taught in English. Sophomore standing or above.

WLC-200S. Introduction To Assyrian Culture. 3 Hours.

This course will serve as an introduction to the literary, artistic, and musical traditions in the Assyrian culture. You will learn to describe, contextualize, and analyze representative cultural texts from literature, fine arts, and popular culture, and to evaluate how they reinforce, question or subvert normative constructions of gender, ethnicity, race, sexuality and nationalism specific to but not limited to Assyrian culture. Taught in English.

WLC-220. French Culture Through Film. 3 Hours.

Explores the successive historical, political, social and aesthetic climates of modern France and francophone countries through the study of film. Conducted in English.

WLC-220A. Arab Culture Through Film. 3 Hours.

This course uses cinema as a tool to think critically about key topics of modern Arab cultures, including ethnicity, nationalism, religion, and gender roles, among others. Students will learn to situate films in specific political and cultural contexts, and to discuss how aesthetic choices guide possible interpretations. Taught in English. Sophomore standing or above.

WLC-220T. Italian Culture Through Film. 3 Hours.

This course uses cinema as a tool to think critically about key topics of Italian culture, including national identity, religion, and gender roles, among others. Students will learn to situate films in specific historical and cultural contexts, and to discuss how aesthetic choices guide possible interpretations. Taught in English.

WLC-221J. Japanese Culture Through Film. 3 Hours.

This course uses cinema as a tool to think critically about key topics of Japanese culture, including nationalism, religion, and gender roles, among others. Students will learn to situate films in specific historical and cultural contexts, and to discuss how aesthetic choices guide possible interpretations. Taught in English. Sophomore standing or above.

WLC-302. Introduction To Teaching World Languages. 3 Hours.

The nature of language and language-learning processes; demonstration of specific organizational patterns and teaching methods in keeping with these; the changing status of foreign language teaching; and the importance of language teaching in an interdependent world. Implications for foreign language teaching of recent developments in linguistics, psychology, psycholinguistics, curriculum, teaching materials and technology. Emphasis on designing, presenting and evaluating specific classroom procedures in the linguistically oriented teaching of the communicative skills.

Arabic

ARAB-101. Arabic I. 3 Hours.

Development of basic skills in listening, speaking, reading and writing. Cultural appreciation.

ARAB-102. Arabic II. 3 Hours.

Continuation of ARAB-101.

Prerequisite: ARAB-101 minimum grade of D.

Chinese

CHIN-101. Chinese I. 3 Hours.

Development of basic skills in listening, speaking, reading and writing. Cultural appreciation.

CHIN-102. Chinese II. 3 Hours.

Continuation of CHIN-101.

Prerequisite: CHIN-101 minimum grade of D.

CHIN-201. Chinese III. 3 Hours.

This course is a continuation of CHIN-102 and focuses on the listening, speaking, and writing of Mandarin Chinese at the intermediate-low level.

This course also explores cultural expressions and values in contemporary Chinese Society. **Prerequisite:** CHIN-102, placement exam, or consent of instructor.

CHIN-202. Chinese IV. 3 Hours.

This course is a continuation of CHIN-201 and focuses on the listening, speaking, and writing of Mandarin Chinese at the intermediate-mid level. This course also explores cultural expressions and values in contemporary Chinese Society. Prerequisite: CHIN-201, placement exam, or consent of instructor.

Prerequisite: (CHIN-103 minimum grade of D or CHIN-201 minimum grade of D).

French

FREN-101. Beginning French I. 3 Hours.

Development of basic skills in listening, speaking, reading and writing. Cultural appreciation.

FREN-102. Beginning French II. 3 Hours.

Continuation of FREN-101.

Prerequisite: (FREN-101 or NEIU French Placement Score 283 - 310).

FREN-201. Intermediate French I. 3 Hours.

Continuation of FREN-102.

Prerequisite: (FREN-102 or NEIU French Placement Score 311 - 445).

FREN-202. Intermediate French II. 3 Hours.

Prerequisite: (FREN-201 - 399 or FREN-201A - 399Z or NEIU French Placement Score 311 - 445).

FREN-210. Reading Modern French. 3 Hours.

Practice in reading modern texts of current interest and moderate difficulty.

Prerequisite: (FREN-201 - 399 or FREN-201A - 399Z or NEIU French Placement Score 311 - 445).

FREN-220. French Conversation I. 3 Hours.

Development of oral-aural communication skills with emphasis on everyday situations. Conducted in French.

Prerequisite: (FREN-201 - 399 or FREN-201A - 399Z or NEIU French Placement Score 311 - 445).

FREN-221. French Grammar And Composition I. 3 Hours.

Overview of grammar with emphasis on writing skills.

Prerequisite: (FREN-201 - 399 or FREN-201A - 399Z or NEIU French Placement Score 311 - 445).

FREN-230. French Phonetics. 3 Hours.

Presentation, classification and analysis of the sounds of the French language with special emphasis on techniques and drills leading to habits of correct pronunciation. Conducted in French.

Prerequisite: (FREN-201 - 399 or FREN-201A - 399Z or NEIU French Placement Score 311 - 445).

FREN-251. French Conversation II. 3 Hours.

Continuation of FREN-220.

Prerequisite: (FREN-201 - 399 or FREN-201A - 399Z or NEIU French Placement Score 311 - 445).

FREN-252. Grammar & Composition II. 3 Hours.

Continuation of FREN-221.

Prerequisite: (FREN-201 - 399 or FREN-201A - 399Z or NEIU French Placement Score 311 - 445).

FREN-300. Introduction To French Civilization. 3 Hours.

Prerequisite: (FREN-201 - 399 or FREN-201A - 399Z or NEIU French Placement Score 446 - 999).

FREN-312. French Conversation III. 3 Hours.

Prerequisite: (FREN-201 - 399 or FREN-201A - 399Z or NEIU French Placement Score 446 - 999).

FREN-313. French Grammar And Stylistics. 3 Hours.

Identification, analysis and use of French structure; extensive exercises in grammatical and logical analysis. Conducted in French.

Prerequisite: (FREN-201 - 399 or FREN-201A - 399Z or NEIU French Placement Score 446 - 999).

FREN-315. Applied French Linguistics. 3 Hours.

A systematic comparison of French and English. Application of teaching techniques related to modern theories of language learning. Required for secondary school teacher certification.

Prerequisite: (FREN-201 - 399 or FREN-201A - 399Z or NEIU French Placement Score 446 - 999).

FREN-320. Introduction To French Literature. 3 Hours.

Outline of French literature; outstanding authors and their works from the Middle Ages to the present. Conducted in French.

Prerequisite: (FREN-201 - 399 or FREN-201A - 399Z or NEIU French Placement Score 446 - 999).

FREN-350. Independent Study In French. 3 Hours.

Project or research on a special topic relevant to the student's degree program. The course will be designed in consultation with an instructor who will also supervise the student's work.

Prerequisite: (FREN-201 - 399 or FREN-201A - 399Z or NEIU French Placement Score 446 - 999).

FREN-357. Contemporary French Society. 3 Hours.

The study and discussions of major debates in French society today. Topics explored may include: family, gender, the media, fashion, music, culinary arts, the education system, urban problems, social stratification, immigration, and French politics. Taught in French.

Prerequisite: (FREN-201 - 399 or FREN-201A - 399Z or NEIU French Placement Score 446 - 999).

FREN-361. Advanced French Conversation. 3 Hours.

Development of communicative skills primarily in speaking and listening in French at the Advanced Level. This course may be repeated once.

Prerequisite: (FREN-201 - 399 or FREN-201A - 399Z or NEIU French Placement Score 446 - 999).

German

Greek

Italian

ITAL-101. Italian I. 3 Hours.

Development of basic skills in listening, speaking, reading and writing. Cultural appreciation.

ITAL-102. Italian II. 3 Hours.

Continuation of ITAL-101.

Prerequisite: ITAL-101 minimum grade of D.

ITAL-103. Italian III. 3 Hours.

Continuation of ITAL-102. Completes the study of the basic elements of Italian.

Japanese

JPN-101. Japanese I. 3 Hours.

Development of basic skill in listening, speaking, reading and writing. Cultural appreciation.

JPN-102. Japanese II. 3 Hours.

Continuation of basic skill in listening, speaking, reading and writing. Cultural appreciation.

Prerequisite: JPN-101 minimum grade of D.

JPN-103. Japanese III. 3 Hours.

Continuation of basic skill in listening, speaking, reading and writing. Cultural appreciation.

JPN-104. Japanese IV. 3 Hours.

Continuation of basic skill in listening, speaking, reading and writing. Cultural appreciation.

Korean

KOR-101. Korean I. 3 Hours.

Development of basic skill in listening, speaking, reading and writing. Cultural appreciation.

KOR-102. Korean II. 3 Hours.

Continuation of basic skill in listening, speaking, reading and writing. Cultural appreciation.

Prerequisite: KOR-101 minimum grade of D.

KOR-103. Korean III. 3 Hours.

Continuation of basic skill in listening, speaking, reading and writing. Cultural appreciation.

Prerequisite: KOR-102 minimum grade of D.

KOR-205. Business Korean. 3 Hours.

Study of basic skills needed to conduct low-to-midlevel business transactions in Korean with emphasis on aspects of Korean culture that occur most frequently in a business environment. Conducted in English.

Prerequisite: KOR-103 minimum grade of D.

KOR-220. Korean Conversation I. 3 Hours.

Development of oral-aural communication skills with emphasis on everyday situations.

Prerequisite: KOR-103 minimum grade of D.

KOR-221. Korean Grammar And Composition I. 3 Hours.

Overview of grammar with emphasis on writing skills.

Prerequisite: KOR-103 minimum grade of D.

KOR-222. Korean Conversation II. 3 Hours.

Continuation of KOR-220 with emphasis on sophistication in speaking Korean through simulation and role playing.

Prerequisite: KOR-220 minimum grade of D.

KOR-223. Korean Grammar And Composition II. 3 Hours.

Continuation of KOR-221.

Prerequisite: KOR-221 minimum grade of D.

KOR-313. Introduction To Korean Literature. 3 Hours.

Overview of literary periods and significant trends in Korean and Korean-American Literature. Survey of major writers and their principal works.

KOR-360. The Confucian Tradition In Korea. 3 Hours.

An in-depth study of Korean ideas and values which explain some of the most fundamental traditional Korean assumptions about humanity, society and the world. This course will examine ideas and values, rooted in the Confucian tradition, which have influenced pre-modern Korean culture and in many ways remain in force in modern society.

Polish

POL-101. Polish I. 3 Hours.

Development of basic skill in listening, speaking, reading and writing. Cultural appreciation.

POL-102. Polish II. 3 Hours.

Continuation of POL-101.

Prerequisite: POL-101 minimum grade of D.

POL-103. Polish III. 3 Hours.

Continuation of POL-102.

Prerequisite: POL-102 minimum grade of D.

Portuguese

PORT-101. Portuguese I. 3 Hours.

Development of basic skill in listening, speaking, reading and writing. Cultural appreciation.

PORT-102. Portuguese II. 3 Hours.

Continuation of PORT-101.

Prerequisite: PORT-101 minimum grade of D.

PORT-103. Portuguese III. 3 Hours.

Prerequisite: PORT-102 minimum grade of D.

Russian

Spanish

SPAN-101. Beginning Spanish I. 3 Hours.

(For non-native speakers of Spanish.) Development of basic skills in listening, speaking, reading and writing. Cultural appreciation.

SPAN-102. Beginning Spanish II. 3 Hours.

Continuation of SPAN-101.

Prerequisite: (SPAN-101 or NEIU Spanish Placement Score 234 - 311).

SPAN-109. First Year Experience:Chicago's Latina/o Cultures. 3 Hours.

Freshmen explore Chicago's vibrant Latina/o culture as an integral part of the city's cultural landscape through short stories, poetry, films, speakers, and field trips to cultural venues or activities. In the course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery, and Transitions) are interwoven with concepts and terminology specific to cultural and literary studies. Taught in Spanish and English. **Prerequisite:** Score of 384 or above in the Spanish placement exam (available online at www.neiu.edu/~fldept/placement.htm).

SPAN-123. Accelerated Spanish I-II-III. 9 Hours.

Accelerated study of Spanish, covering SPAN-101, SPAN-102, SPAN-103.

SPAN-201. Intermediate Spanish I. 3 Hours.

Continuation of SPAN-102. Completes the study of the basic elements of Spanish.

Prerequisite: (SPAN-102 or NEIU Spanish Placement Score 312 - 383).

SPAN-202. Intermediate Spanish II. 3 Hours.

Review of grammar. Short readings and practice in writing brief compositions. Exercises in oral communication.

Prerequisite: (SPAN-201 or NEIU Spanish Placement Score 384 - 445).

SPAN-206. Intermediate Spanish For Medical Professions. 3 Hours.

This class is for students who have achieved at least functional fluency in Spanish. This course is designed to provide students with the specific medical vocabulary and terminology necessary to communicate with and help treat Latino patients with limited English proficiency. The course will include specific vocabulary groups relating to assessment and care of patients, vocabulary to establish rapport, and discussions leading to cultural competencies. The course will use pre-designed dialogues to review and learn vocabulary and grammar structures, as well as a workshops settings designed to put students into scenarios where they can use both their speaking and listening skills. Most of the course will be taught in Spanish and because this is an intermediate course, students will be expected to have taken Spanish and retained basic conversational abilities.

SPAN-209. Spanish For Spanish Speakers I. 3 Hours.

This course is the first in two-semester sequence of intermediate-level Spanish designed for students who speak Spanish at home and/or in the community, but have not studied it formally and /or whose reading and writing abilities in Spanish are limited. The focus of the first semester is on orthography while the focus of the second semester is on syntax. Both semesters include reading comprehension and basic literary analysis of short texts.

SPAN-211. Spanish For Spanish Speakers II. 3 Hours.

This course is the second in a two-semester sequence of intermediate-level Spanish designed for students who speak Spanish at home and/or in the community, but have not studied it formally and/or whose reading and writing abilities in Spanish are limited. The focus of the first semester is on orthography while the focus of the second semester is on syntax. Both semesters include reading comprehension and basic literary analysis of short texts.

SPAN-220. Intermediate Conversation I. 3 Hours.

Development of basic conversational skills with emphasis on everyday situations. Conducted primarily in Spanish.

Prerequisite: (SPAN-202 or NEIU Spanish Placement Score 446 - 999).

SPAN-224. Reading Comprehension. 3 Hours.

Developing comprehension by increasing vocabulary and enhancing speed in reading Spanish. Conducted in Spanish.

Prerequisite: (SPAN-202 or NEIU Spanish Placement Score 446 - 999).

SPAN-225. Composition I. 3 Hours.

This course is designed as a workshop to develop students' practical writing needs based on personal preferences, daily routines, common events, and other topics related to personal experiences and immediate surroundings. Writing tasks focus on short, simple formats such as letters, diary entries, and descriptions. The course also addresses different tenses and moods in Spanish, normative orthography, correct use of accents, and building of vocabulary. Taught in Spanish.

Prerequisite: (SPAN-202 or SPAN-211 or NEIU Spanish Placement Score 446 - 999).

SPAN-251. Intermediate Conversation II. 3 Hours.

Continuation of SPAN-220 with emphasis on spontaneous conversation. Conducted in Spanish.

Prerequisite: SPAN-220 minimum grade of D.

SPAN-252. Literary Genres. 3 Hours.

Reading of a wide variety of longer passages with emphasis on general comprehension. Conducted in Spanish.

Prerequisite: SPAN-224 minimum grade of D.

SPAN-253. Composition II. 3 Hours.

This course develops students' critical writing skills in preparation for 300-level courses in literature and culture. It also serves as an introduction to research skills in the humanities, with special emphasis on the Spanish-speaking world. Taught in Spanish.

Prerequisite: SPAN-225 minimum grade of D.

SPAN-301. Advanced Spanish Grammar. 3 Hours.

Comprehensive review of Spanish grammar for students at the Advanced Level. Focus on the structure of the Spanish sentence (morphology and syntax) as a means to successfully master normative writing styles.

Prerequisite: SPAN-253 minimum grade of D.

SPAN-310. Creative Writing In Spanish. 3 Hours.

Creative Writing in Spanish introduces students to creative writing in two different genres: poetry and short story. Students will learn the defining characteristics of these genres through the production, reading and analysis of their own texts and the text of peers. Student will also learn how to produce a literary publication through their participation in *Consenso*, the literary magazine run by students in the Masters program in Latin American Literatures and Cultures. Local authors who publish in Spanish will be invited to class to read from their work, share their experience and give advice. Taught in Spanish.

Prerequisite: SPAN-253 minimum grade of C.

SPAN-312. Advanced Conversation. 3 Hours.

Continuation of SPAN-251. Mastery of various speaking skills leading toward communicative competence. Conducted in Spanish.

Prerequisite: SPAN-251 minimum grade of D.

SPAN-314. Latin American Culture. 3 Hours.

This course offers students an introduction to Latin American culture from pre-Columbian times to the present, through the contextualized study of representative cultural texts, including literature, music, painting, and film. Topics include pre-Columbian civilizations, the European Conquest, Colonial Baroque culture, Independence movements, 19th century nation building, 20th century revolutions, and contemporary issues. Taught in Spanish.

Prerequisite: SPAN-253 minimum grade of D.

SPAN-315. Spanish Culture. 3 Hours.

This course offers students an introduction to Spanish culture from its roots in pre-Roman times to the present, through the contextualized study of representative cultural texts, including literature, music, painting and film. Topics include the legacy of the Roman Empire, Muslim, Jewish and Christian coexistence during the Middle Ages, the Spanish Golden Age, Bourbon Spain, the Second Republic, Spain under Franco, and contemporary issues. Taught in Spanish.

Prerequisite: SPAN-253 minimum grade of D.

SPAN-319. Applied Spanish Linguistics. 3 Hours.

Linguistic principles and their application in the preparation of teaching materials and of microlessons.

Prerequisite: SPAN-253 minimum grade of D.

SPAN-321. Latin American Literature I. 3 Hours.

This course offers students an introduction to Latin American Literature from pre-Columbian times to the end of the 19th Century, through a critical analysis of representative works of poetry, narrative and drama. Topics include Nahuatl, Inca and Maya cosmogonies and poetry, literary perspectives on the Conquest, the New World Baroque, Latin American Romanticism, and Modernismo. Taught in Spanish.

Prerequisites: SPAN-252 minimum grade of D and SPAN-253 minimum grade of D.

SPAN-322. Independent Study In Spanish. 3 Hours.**SPAN-323. Latin American Literature II. 3 Hours.**

This course offers students an introduction to Latin American Literature of the 20th and 21st centuries, through the critical analysis of representative works of poetry, narrative, drama, and the essay. Topics include Posmodernismo, Vanguardias, Social Realism, Regionalism, Indigenismo, Negritud, the Neobaroque, Magical Realism, Feminist Literature, Testimonio, U.S. Latina/o Literature, and contemporary trends. Taught in Spanish.

Prerequisites: SPAN-252 minimum grade of D and SPAN-253 minimum grade of D.

SPAN-324. Advanced Composition. 3 Hours.

Advanced study of Spanish composition using complex grammatical structures with special attention to style. Conducted in Spanish.

Prerequisite: SPAN-253 minimum grade of D.

SPAN-326. Spanish Literature I. 3 Hours.

This course offers an introduction to Spanish literature written between 1200 and 1700, through a critical analysis and contextualization of representative works of poetry, fiction and drama. Topics include Medieval secular and sacred literature, the literature of the Spanish Golden Age, the rise of the modern novel, Renaissance poetry, and literature of the Baroque. Taught in Spanish.

Prerequisites: SPAN-252 minimum grade of D and SPAN-253 minimum grade of D.

SPAN-327. Business Spanish I. 3 Hours.

Foundations of business vocabulary, business writing, basic business and cultural concepts, and situational practices to be successful in today's Spanish-speaking business world. The course interweaves three thematic threads: a business context, a geographic context and a cultural context.

Prerequisite: SPAN-253 minimum grade of D.

SPAN-328. Spanish Literature II. 3 Hours.

This course offers an introduction to Spanish literature written between 1700 and the present, through a critical analysis and contextualization of representative works of poetry, fiction and drama. Topics include Romanticism, Realism and Naturalism, Generación del 98, Generación del 27, literature of the Spanish Civil War and its aftermath, and recent literature. Taught in Spanish.

Prerequisites: SPAN-252 minimum grade of D and SPAN-253 minimum grade of D.

SPAN-329. Introduction To Spanish American And Spanish Literature. 3 Hours.

Overview of literary periods and significant trends in Spanish-American and Spanish Literature. Survey of major writers and their principal works. Conducted in Spanish.

Prerequisite: SPAN-312 minimum grade of D or SPAN-317 minimum grade of D.

SPAN-331. Hispanic World Cultures. 3 Hours.

Study of the various aspects of the cultures of the Hispanic World. Conducted in Spanish.

Prerequisite: SPAN-317 minimum grade of D.

SPAN-351. Generation Of 1898. 3 Hours.

Analysis of the general character of the period called Generation of 1898 in Spanish Literature. Conducted in Spanish.

Prerequisite: SPAN-326 minimum grade of D or SPAN-328 minimum grade of D.

SPAN-352. Puerto Rican Literature. 3 Hours.

Survey of Puerto Rican literature from 1650 to the present; principal literary movements in novel, short story, poetry, and drama. Conducted in Spanish.

Prerequisite: SPAN-321 minimum grade of D or SPAN-323 minimum grade of D.

SPAN-353. Spanish For Teachers Of Spanish. 3 Hours.

This capstone course is designed for the Spanish major, and in particular, for those seeking K-12 certification. In terms of language pedagogy, expressions such as student-centered and teaching-centered approaches figure prominently. In this course different pedagogical approaches will be explored as they relate to the teaching of grammar, writing, reading, vocabulary acquisition, pronunciation and intonation in Spanish. The course is conducted entirely in Spanish.

Prerequisite: SPAN-253 minimum grade of D.

SPAN-354. Spanish American Literature To 1888. 3 Hours.

Reading and study of Spanish-American literature from its beginning up to and including the Romantic period. Conducted in Spanish.

Prerequisite: SPAN-329 minimum grade of D.

SPAN-356. Realism And Naturalism In Spanish American Literature. 3 Hours.

Reading and study of Spanish-American literature emphasizing "criollismo", "indianista", and Gaucho literature. Conducted in Spanish.

Prerequisite: SPAN-321 minimum grade of D or SPAN-323 minimum grade of D.

SPAN-357. Prose Of The Golden Age. 3 Hours.

Reading and study of the literary prose of the Spanish Golden Age. Emphasis on Don Quixote and the Picaresque novel. Conducted in Spanish.

Prerequisite: SPAN-326 minimum grade of D or SPAN-328 minimum grade of D.

SPAN-358. El Modernismo. 3 Hours.

Reading and study of the prose and poetry of the Modernist authors of Spanish America. Conducted in Spanish.

Prerequisite: SPAN-321 minimum grade of D or SPAN-323 minimum grade of D.

SPAN-359. Spanish Literature Of The 19th Century. 3 Hours.

Study of Romanticism, Realism, and Naturalism in Spain. Conducted in Spanish.

Prerequisite: SPAN-326 minimum grade of D or SPAN-328 minimum grade of D.

SPAN-363. The Generation Of 1927. 3 Hours.

Works of the principal figures of the Generation of 1927. Conducted in Spanish.

Prerequisite: SPAN-326 minimum grade of D or SPAN-328 minimum grade of D.

SPAN-364. Chicago's Latin@ Literature & Culture. 3 Hours.

Contributions of Spanish-American to Chicago and their impact on the city. Conducted in Spanish.

Prerequisite: SPAN-321 minimum grade of D or SPAN-323 minimum grade of D.

SPAN-367. Business Spanish II. 3 Hours.

Advanced business vocabulary, business writing, basic business and cultural concepts, and situational practice for success in today's Spanish-speaking business world. Course develops along three primary inter-related thematic threads: A business context, a geographic context and a cultural context.

Prerequisite: SPAN-327 minimum grade of D.

SPAN-368. Latin American Cinema. 3 Hours.

This course offers students a panoramic overview of Latin American cinema through the critical study of representative films in their political, economic and aesthetic contexts. Conceptually, the course is a cultural history of Latin America in the twentieth and twenty-first centuries, as seen through paradigmatic films of the Silent Period, the Avant-Garde, Studio Cinema, Neorealism, New Latin American Cinema, and contemporary cinema. Taught in Spanish.

Prerequisite: SPAN-314 minimum grade of C.

SPAN-369. Latin America Culture Through Music. 3 Hours.

This course develops an understanding of Latin American music as a cultural artifact, traces its roots and origins in Europe, Africa and indigenous cultures, and explores its central role in shaping cultural values and identities, both in Latin America and in U.S. cities like Chicago. Taught in Spanish.

Prerequisite: SPAN-314 minimum grade of C.

SPAN-370. Seminar On Don Quixote. 3 Hours.

This course explores the many and complex fictional worlds of Miguel de Cervantes's Don Quixote, the two-part novel which is widely considered to be one of the greatest pieces of fiction ever written. Through a complete reading of Parts I and II, students will investigate the interplay between this important masterpiece and its socio-historical contexts in Renaissance Europe.

Prerequisite: SPAN-326 minimum grade of D or SPAN-328 minimum grade of D.

SPAN-371. Seminar: José Martí. 3 Hours.

Critical study of the life and work of Cuban poet, essayist and political philosopher José Martí (1853-1895).

Prerequisite: SPAN-321 minimum grade of D or SPAN-323 minimum grade of D.

SPAN-372. Alejo Carpentier. 3 Hours.

Critical study of selected works by Alejo Carpentier, a leading 20th century Latin American writer and critic.

Prerequisite: SPAN-321 minimum grade of D or SPAN-323 minimum grade of D.

SPAN-373. Latin American Short Story. 3 Hours.

Critical study of the development of the short story in Latin America from the 19th century to the present, and as part of broad movements such as Romanticism, Realism, Modernismo, Criollismo, Magical Realism, and Feminism. Emphasis on short-stories published during the last two decades.

Prerequisite: SPAN-321 minimum grade of D or SPAN-323 minimum grade of D.

SPAN-374. Isabel Allende. 3 Hours.

Critical study of short stories and novels by Isabel Allende, a popular contemporary Latin American writer whose commercial and critical success rests on the combination of Magical Realism and Feminism.

Prerequisite: SPAN-321 minimum grade of D or SPAN-323 minimum grade of D.

SPAN-375. Literature Of The Southern Cone. 3 Hours.

Critical overview of the historical evolution of the literature of Southern South America (Argentina, Chile and Uruguay) from the 19th Century to the 21st Century.

Prerequisite: SPAN-321 minimum grade of D or SPAN-323 minimum grade of D.

SPAN-376. Gabriel García Márquez. 3 Hours.

Critical study of the fiction of Nobel Prize Winner Gabriel García Márquez, including *One Hundred Years of Solitude*, the paradigmatic novel of Magical Realism, as well as his more recent work.

Prerequisite: SPAN-321 minimum grade of D or SPAN-323 minimum grade of D.

SPAN-377. Caribbean Literature. 3 Hours.

Critical study of Caribbean literature, with special emphasis on the literature of Puerto Rico, Cuba, and the Dominican Republic in the 20th and 21st centuries. The course explores the Caribbean as a socio-cultural area where the interaction between Indigenous, European, and African cultures over five centuries has created hybrid identities and worldviews.

Prerequisite: SPAN-321 minimum grade of D or SPAN-323 minimum grade of D.

SPAN-378. Mexican Literature. 3 Hours.

This course explores Mexican literary production from pre-Hispanic times to the present, including key texts by Netzahualcōyotl, Sor Juana Inés de la Cruz, Juan Rulfo, Rosario Castellanos, Octavio Paz, and Carlos Fuentes, among others. Conducted in Spanish.

Prerequisite: SPAN-321 minimum grade of D or SPAN-323 minimum grade of D.

SPAN-379. Latin American Theater. 3 Hours.

This course provides students with a thorough overview of Latin American theater through the study of key plays and theories of drama. Conducted in Spanish.

Prerequisite: SPAN-321 minimum grade of D or SPAN-323 minimum grade of D.

SPAN-380. Literary Criticism. 3 Hours.

This course explores the origins and evolution of a variety of literary genres as a starting point to analyze and evaluate the relationship between content, form and context in specific works. Conducted in Spanish.

Prerequisite: SPAN-321 minimum grade of D or SPAN-323 minimum grade of D or SPAN-326 minimum grade of D or SPAN-328 minimum grade of D.

SPAN-381. Contemporary Latin American Narrative. 3 Hours.

This course is a critical study of major works and currents of contemporary Latin American narrative, as well as relevant critical and theoretical perspectives. Primary texts studied may include novels, short stories, testimonials, chronicles and narrative film. Students develop research skills and proficiency in oral and written expression through class assignments, including a final research paper. May be repeated for credit when primary texts studied vary.

SPAN-400. Visión De América I. 3 Hours.

This course explores the images of and ideas about "America" contained primarily but not exclusively in literary works prior to the twentieth century. May address issues relevant to the field of Cultural Studies. Must be taken within the first 12 hours of enrollment in the M.A. Program.

SPAN-401. Introduction To Latin American Literary & Cultural Studies. 3 Hours.

Designed as a workshop, this course prepares students to frame, conduct, and produce research on Latin American literature and culture; students are required to take it upon entering the program. The course has three overlapping learning objectives (1) to develop students' ability to analyze literary and cultural texts; (2) to develop strategies and methods to locate, evaluate, and manage primary and secondary sources related to a specific research project; and (3) to acquaint students with some of the major critical and theoretical debates in the field. Taught in Spanish.

SPAN-407. Latin American Baroque Literature And Culture. 3 Hours.

This seminar will explore key aspects of the Latin American Baroque as an original contribution to global baroque culture in the seventeenth and eighteenth centuries, and as a period when a Latin American identity began to crystallize. Taught in Spanish.

SPAN-408. Topics In Latin American Cinema. 3 Hours.

This seminar will examine one or more modes of production and/or representation in Latin American Cinema. Possible topics include periods, genres, auteurs, and national cinemas, and the role of theory and criticism in the reception and evaluation of specific films and cinematic movements. Taught in Spanish.

SPAN-410. History Of The Spanish Language. 3 Hours.

Study of the historical, geo-political, sociological, and linguistic (phonological, morphological, syntactical) factors that have shaped the evolution of the Spanish Language.

SPAN-413. Spanish Dialectology. 3 Hours.

Phonetics and phonology of Spanish, evolution of Spanish from its Latin roots to the present, and general dialectal tendencies of the Spanish language from each of the Spanish-speaking nations in the Americas. Research project requires theoretically informed analysis of student-gathered data. Taught in Spanish.

SPAN-414. U.S. Latina/o Literature & Culture. 3 Hours.

This course supplements these offerings by focusing on the literary production of Hispanophone and Latino/a-identified writers and artists in the US, including native Latinos, exiles and immigrants. Assignments, lectures and discussion will center on questions of identity, culture, history, politics and aesthetics. Readings will offer a broad representation of writers from North America, South America, Central America and the Caribbean and will cover various genres including essays, novels, poetry and drama. The course is taught in Spanish with readings in Spanish and English. For students who are teaching or plan to teach, the course will also provide analysis of pedagogical methods in Latino/a studies.

SPAN-415. Andean Literature & Culture. 3 Hours.

Critical study of the literary and cultural production in the Andean region of South America, with special emphasis on the worldviews of its predominantly indigenous and mestizo populations. Taught in Spanish.

SPAN-416. Latin American Avant-Gardes. 3 Hours.

Critical study of experimental literature and art in 20th century in Latin America, with special emphasis on the historical avant-gardes (i.e., 1920s and 1930s), and their legacy on subsequent cultural production. Taught in Spanish.

SPAN-418. Novels Of The Mexican Revolution. 3 Hours.

This course explores the representation of the Mexican Revolution and its aftermath in Mexican literature, and the novel in particular. Conducted in Spanish.

SPAN-419. Topics In Contemporary Mexican Literature. 3 Hours.

This course offers a critical study of major works and currents in contemporary (1960s-present) Mexican literature, focusing on literary trends and the role of criticism in the reception and evaluation of works and literary movements. Taught in Spanish.

SPAN-420. Visión De América II. 3 Hours.

This course explores the images of and ideas about "America" contained primarily but not exclusively in literary works of the twentieth and twenty-first centuries. Must be taken within the first 12 hours of enrollment in the M.A. Program.

SPAN-421. Spanish Pedagogy: How To Teach Grammar, Vocabulary, Culture, Literature And Writing. 3 Hours.

This graduate level seminar will begin by briefly exploring the pedagogical history of language teaching: approaches, methods and techniques. The course will focus more specifically on the pedagogical challenges posed by the teaching of culture, literature, grammar, vocabulary, writing and conversation in the diversified classroom with students of varying levels of linguistic proficiency. The students will develop classroom skills and strategies by designing materials for these pedagogical issues. The students will be able to formulate contextualized lesson plans and assessment measures in accordance with the National Standards for Foreign Language Learning. The course is conducted entirely in Spanish.

SPAN-428. Topics In Pre-Columbian Art. 3 Hours.

Selected topics in Pre-Columbian art. Advanced research papers and presentations. Content changes. May be repeated for 6 credits. Taught in Spanish.

SPAN-431. Latin American Romanticism. 3 Hours.

Critical study of the origins, evolution and legacy of Romanticism in Latin American literature. Authors include José María Heredia, Gertrudis Gómez de Avellaneda, Ricardo Palma, Jorge Isaacs, José Mármol and Manuel de Jesús Galván and in particular their adaptation of Rousseau's project for a utopian society to a Latin American context.

SPAN-432. Latin American Modernismo. 3 Hours.

Critical study of the origins, evolution and legacy of Modernismo, the first autochthonous literary movement to emerge in Latin America. Authors include José Martí, Rubén Darío, Manuel Gutiérrez Nájera and Amado Nervo.

SPAN-433. José Martí. 3 Hours.

Critical perspectives on the life and work of Cuban poet, essayist and political philosopher José Martí (1853-1895).

SPAN-434. Latin American Magical Realism. 3 Hours.

Critical study of the origins, evolution and legacy of Magical Realism in Latin American Literature. Representative works by Alejo Carpentier, Miguel Ángel Asturias, Gabriel García Márquez, Isabel Allende, Cristina García, and Laura Restrepo.

SPAN-435. Gabriel García Márquez. 3 Hours.

Critical perspectives on the writings of Gabriel García Márquez, and in particular his seminal *One Hundred Years of Solitude*.

SPAN-436. Hablares En Contacto: El Español En Estados Unidos. 3 Hours.

Language change accelerates when two or more languages or dialects are in contact; such is the case between English and Spanish, and between different dialects of Spanish in the United States. This course will examine the lexical, structural, phonological, morphological and syntactic influences from English and various dialects of Spanish on U.S. Spanish, and their impact on the linguistic landscape and the construction of identity in the United States. Taught in Spanish.

SPAN-481. Contemporary Latin American Narrative. 3 Hours.

This course is a critical study of major works and currents of contemporary Latin American narrative, including novels, short stories, testimonial narrative, chronicles and narrative film. The course also focuses on the role of criticism in the reception and evaluation of narrative works. Taught in Spanish.

SPAN-485. Study Tour: Latin America. 3 Hours.

This course is designed as a seminar that culminates in a Study Tour to a Latin American country. Students will be able to research and discuss subjects related to the Study Tour before the trip and will continue exploring these subjects while visiting the country.

SPAN-5901. Thesis Hours. 1 Hour.

SPAN-5902. Thesis Hours. 2 Hours.

SPAN-5903. Thesis Hours. 3 Hours.

Swahili

SWAH-101. Swahili I. 3 Hours.

Development of basic skills in listening, speaking, reading and writing. Culture appreciation.

SWAH-102. Swahili II. 3 Hours.

Continuation of SWAH-101.

Major in Spanish

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Spanish

The B.A. in Spanish consists of thirteen courses (39 credit hours): ten required courses (listed below), one Capstone Seminar at the Advanced Medium level (i.e., SPAN-351 - SPAN 399), and 2 elective courses at the Intermediate-Medium level or above (i.e., SPAN-202 or above). Majors are also required to create an electronic portfolio (<http://neiu.edu/academics/college-of-arts-and-sciences/departments/world-languages-and-cultures/electronic-portfolio>) of work done in the required courses, and to pass both the OPI (Oral Proficiency Interview (<https://tms.languagetesting.com/IndividualSite>)) and the WPT (Writing Proficiency Test (<https://tms.languagetesting.com/IndividualSite>)) at a level of Advanced Low or above. Both tests are administered by the American Council of Teachers of Foreign Languages (ACTFL), and are nationally recognized for assessing oral and written proficiency according to the ACTFL Proficiency Guidelines.

Required Courses

Intermediate Medium (SPAN 202-249)		
SPAN-224	Reading Comprehension	3
SPAN-225	Composition I	3
Intermediate High (SPAN 250-299)		
SPAN-252	Literary Genres	3
SPAN-253	Composition II	3
Advanced Low (SPAN 300-349)		
SPAN-314	Latin American Culture	3
SPAN-315	Spanish Culture	3

SPAN-321	Latin American Literature I	3
SPAN-323	Latin American Literature II	3
SPAN-326	Spanish Literature I	3
SPAN-328	Spanish Literature II	3
Advanced Mid (350-399)		
One capstone seminar ¹		1

¹ Consent of Instructor

Writing Intensive Requirement

Majors in Spanish can meet the Writing Intensive Program (WIP) graduation requirement by taking LLAS 201 (WIP: History and Culture of Latinos) or SCED 311 (WIP: School Curriculum). Visit the Center for Academic Writing on the fourth floor of the Ronald Williams Library for peer tutoring and other writing resources. Double Majors, (students who major in Spanish and another discipline) may choose LLAS 201 or the WIP course offered in their other major.

Proficiency Testing

The Oral Proficiency Interview and Writing Proficiency Test are administered by the American Council of Teachers of Foreign Languages (ACTFL), and are nationally recognized for assessing oral and written proficiency according to the ACTFL Proficiency Guidelines. Register online (<https://tms.languagetesting.com/ProctorSite/login.aspx>) for an appointment to take the tests at the Language Learning Lab (<http://www.neiu.edu/academics/college-of-arts-and-sciences/departments/world-languages-and-cultures/language-learning-laboratory>) .

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
SPAN-101	Beginning Spanish I	3
General Education Course		3
General Education Course		3
General Education Course		3
General Education Course		3
Term Hours		15
Term 2		
SPAN-102	Beginning Spanish II	3
General Education Course		3
General Education Course		3
General Education Course		3
General Education Course		3
Term Hours		15

Second Year

Term 1		Hours
SPAN-201	Intermediate Spanish I	3
General Education Course		3
General Education Course		3
General Education Course		3
General Education Course		3
Term Hours		15
Term 2		
SPAN-202	Intermediate Spanish II	3
LLAS-201	Writing Intensive Program: Culture History Of Latinos	3
Elective		3
Elective		3
Elective		3
Term Hours		15

Third Year

Term 1		Hours
SPAN-224	Reading Comprehension	3
SPAN-225	Composition I	3

Elective		3
Elective		3
Elective		3
Term Hours		15
Term 2		
SPAN-252	Literary Genres	3
SPAN-253	Composition II	3
Elective		3
Elective		3
Elective		3
Term Hours		15
Fourth Year		
Term 1		
SPAN-314	Latin American Culture	3
SPAN-315	Spanish Culture	3
SPAN-321	Latin American Literature I	3
SPAN-326	Spanish Literature I	3
Elective		3
Term Hours		15
Term 2		
SPAN-323	Latin American Literature II	3
SPAN-326	Spanish Literature I	3
Capstone Seminar (SPAN 350-399)		3
Elective		3
Elective		3
Term Hours		15
Total Hours:		120

Master of Arts in Latin American Literatures and Cultures

Master of Arts in Latin American Literatures and Cultures

Program Description

The Master of Arts Program critically examines Latin American cultural forms of expression in their socio-historical contexts; develops skills to work with Latin American and US Latina/o populations in linguistically and culturally appropriate ways; and enhances career opportunities in education, government, international business, and the culture industries. Courses are regularly offered during the late afternoon and evening.

Requirements for Admission to the Program

- Bachelor's Degree from an accredited institution.
- Advanced-level proficiency in written and oral Spanish as evidenced by a score of at least Advanced Low in the OPI (Oral Proficiency Interview) and WPT (Writing Proficiency Test) administered by ACTFL (American Council of Teachers of Foreign Languages). To register for the exams, visit <https://tms.languagetesting.com/IndividualSite/>, and have the results be sent directly to Northeastern Illinois University's Graduate College.
- Online application: graduate-college (<http://www.neiu.edu/academics/graduate-college>)

Teacher Licensure Option

M.A. students who already have a B.A. in Spanish or who complete a Second Bachelor's in Spanish may also enroll in a dual MA/TLP track to become certified as Spanish K-12 teachers through the College of Education.

Degree requirements (36 credits)

Required Courses:

SPAN-401	Introduction To Latin American Literary & Cultural Studies (to be completed during the first semester of the program)	3
Eleven graduate-level courses (which may include):		33
Up to eleven SPAN 400-level courses at NEIU		
Up to 3 graduate level courses from other departments at NEIU (approval of the graduate advisor required)		
Up to 9 credits of graduate level coursework from an accredited institution other than NEIU (approval of the department chair required)		
Up to 6 credits of Master's Thesis		
Total Hours		36

Non-thesis Option:

Students take 1 required course and 11 electives.

Thesis Option:

Students who opt for a thesis must, the semester before they intend to enroll in thesis hours, form a committee of three faculty members (1 primary and 2 readers), and submit a proposal with the following items:

- A 500-word narrative with a tentative title, corpus, hypothesis, methodology, theoretical framework, and the objective(s) of the study.
- A 1-2 page bibliography of primary and secondary sources in MLA format.

The committee will decide on the merits of the proposal, and whether or not to grant permission for the student to conduct the thesis. Students granted permission to write a thesis must follow the Graduate College Thesis Manual (http://hub-prod.neiu.edu/sites/hub.neiu.edu/files/documents/tegriffi/thesis_manual_v2_0.pdf).

Comprehensive Written Examination:

At the beginning of the program, students receive a list of eight general questions (http://neiu.edu/academics/college-of-arts-and-sciences/sites/neiu.edu.academics.college-of-arts-and-sciences/files/documents/tegriffi/Examen_de_MA_4.pdf) on Latin American literature and culture, with accompanying bibliography. For the comprehensive exam, students choose and answer four of these questions. A student who fails any part of the Comprehensive Exam may take that part a second time. Permission to take it a third time may be granted by the Departmental Graduate Committee after a review of the student's record. Additional coursework may be required before a third and final attempt.

Electronic Portfolio: The electronic portfolio (<http://neiu.edu/academics/college-of-arts-and-sciences/departments/world-languages-and-cultures/electronic-portfolio>) includes copies of the final essays submitted for each course, a copy of the comprehensive examination, and the corresponding evaluation rubrics submitted by the program's faculty for each of these items.

Minor in French Studies

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in French Studies

The Minor in French Studies consists of six courses (18 units) focusing on French and/or Francophone cultures. Of these six courses, at least four (12 units) must be taught in French at the 200-level or above. English-taught courses pre-approved for credit towards the Major in French Studies include: WLC-220 . Consult the French Advisor for approval of other English-taught courses towards the Minor.

Minor in Spanish

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Spanish

The Minor in Spanish consists of 21 credits at the Intermediate Medium Level and above.

Teacher Licensure in Spanish K-12

To become a licensed K-12 teacher of Spanish, students must:

1. Complete the requirements for a major in Spanish.
2. Pass the Oral Proficiency Interview (OPI) administered by ACTFL (American Council of Teachers of Foreign Languages) with a score of Advanced Low or above.
3. Pass the Content Area Exams in Spanish administered by ILTS (Illinois Licensure Testing System) with a minimum average score of 240.
4. Complete the following professional education sequence in secondary education:

WLC-302	Introduction To Teaching World Languages	3
SPAN-319	Applied Spanish Linguistics ⁴	3
EDFN-305	Philosophical And Historical Foundations Of Public Education ¹	3
EDFN-306	Education And Individual Differences ^{1,3}	3

Student must apply and be admitted to the College of Education to continue with the remaining courses in the sequence:

LTCY-301	Teaching Literacy In Junior & Senior High Schools ¹	3
EDFN-307	Psychology Of Instruction And Learning ^{1,3}	3
SCED-311	Writing Intensive Program: School Curriculum ¹	3
SCED-303F	Teaching Modern Foreign Languages In The Secondary School ^{1,5}	3
SCED-304J	Foreign Language Clinical Experience In The Secondary School ^{2,4,5}	3
SCED-305J	Secondary Student Teaching And Seminar In Spanish ²	9

- ¹ C or better grade required
- ² B or better required
- ³ EDFN-306 & EDFN-307 each have 20 clock hours of clinical experience attached.
- ⁴ Spanish K-12 majors must take SPAN-319 prior to enrolling in SCED-304J.
- ⁵ SCED-304F/SCED-304J and SCED-303F must be taken concurrently.

College of Business and Management

Michael Bedell, Ph.D., Dean
Nont Dhiensiri, Ph.D., CFA, Associate Dean

College Mission and Overview

The College of Business and Management provides quality and accessible undergraduate and graduate education in business to a diverse community of students from metropolitan Chicago and beyond. Our multicultural faculty prepares students for professional careers in an increasingly interconnected world. The college emphasizes cognitive and experiential learning, research (predominantly applied and pedagogical), and urban leadership through service.

Vision

We aspire to become a leading metropolitan college of business, recognized for the quality of our academic programs and our graduates, as well as for our contributions to Chicago, a major center for global business.

Accreditation

The NEIU College of Business and Management is accredited by AACSB International -- the Association to Advance Collegiate Schools of Business. Of the 16,000 business programs worldwide only 5% of those programs have been awarded AACSB Accreditation. For more information about AACSB Accreditation please see their website: www.aacsb.edu (<http://www.aacsb.edu>) .

Degree Programs

The College of Business and Management combines a liberal arts education with professional career preparation in the Bachelor of Science degree with majors in Accounting, Finance, General Business Administration, Management, and Marketing. The five undergraduate degree programs prepare students for careers in business or for additional study in graduate schools of business. Graduate students may pursue Master of Business Administration (MBA) or Master of Science in Accounting (MS) degrees. The College also offers undergraduate minors in Accounting, Finance, Management, Marketing, and International Business for those who wish to supplement or expand coursework in other disciplines. A minor, however, is not a graduation requirement for Business students.

The College of Business and Management adheres to quality standards established by AACSB International: The Association to Advance Collegiate Schools of Business, and is committed to providing a well-rounded education for a career in business, government, or non-profit organizations.

College Organization

The College of Business and Management is organized into two departments, each headed by a chairperson:

- Department of Accounting, Business Law, and Finance
- Department of Management and Marketing

Classes are scheduled to accommodate the needs of full-time, part-time, and evening students.

Program Advisement Office

The Program Advisement Office provides professionally staffed, centralized advising to students who are (1) freshmen and sophomore pre-business majors focusing on their general education curriculum or (2) juniors and seniors wishing to enroll in undergraduate business courses. One advisor also specializes in graduate programs. If you're considering business course work, we encourage you to contact the Program Advisement Office immediately to learn about the College's programs and procedures and to declare your intent to pursue a business major or minor. Once you meet with a business advisor, the Program Advisement Office maintains records of your progress toward graduation and serves as a resource for information about University and College of Business and Management policies and requirements.

College of Business and Management - Program Advisement Office
Room: CBM 159
Phone: (773) 442-6111
Graduate Advising Phone: (773) 442-6114
Fax: (773) 442-6110
E-mail: P-Advise@neiu.edu

Professional School Curriculum Model

Consistent with the emphasis on excellence in its mission, the College has implemented a professional school curriculum model that concentrates advanced study in business subjects during the last two years of a four-year program. If you plan to enroll in Business and Management classes, you

must complete liberal arts and business preparatory courses in the earlier years of your academic experience to ensure you are well-equipped for success in your business studies.

Admission to Northeastern Illinois University does not automatically constitute admission to programs offered by the College of Business and Management. If you plan to pursue a baccalaureate degree in business, you must formally apply for admission to the College after you've completed the University's General Education requirements along with nine Foundation courses that provide basic skills critical for success in a business program.

If you're a Northeastern non-business student who wants to take one or more Business courses, you need not apply for admission to the College of Business and Management. You must, however, meet the same prerequisites as Business majors and minors, including completion of the College's Foundation Courses with a GPA of 2.50 or higher and grades of "C" or better in each course. As a non-business student, you may take up to 27 hours of Business courses.

At-large students – students (with or without degrees) registered at other institutions who enroll for Northeastern classes – must secure approval from the Business Program Advisors to register for any Business course.

Sequence of Courses and Admission Requirements

University core curriculum and General Education Courses

University Core Curriculum and General Education Courses are outlined in the University Academic Catalog and in the Schedule of Classes each semester. The College of Business and Management requires students complete the General Education Requirement before enrollment in any upper division (300-level) business courses. BLAW-109 satisfies the FYE requirement for freshman students.

ECON-215, ECON-217, MATH-165, and PHIL-213 fulfill both College of Business and Management course requirements and the University's General Education Requirement; however, course credit hours are only recognized once toward graduation requirements.

Foundation Courses

These are basic skills courses that you complete before being admitted to upper-division (300-level) study in business. Three are specific courses in Business and Management, and six are in Arts and Sciences. Check the course descriptions in this catalog for course prerequisites.

Foundation Courses

ENGL-101	Writing I	3
ENGL-102	Writing II	3
MATH-165	Finite Mathematics For Business And The Social Sciences	3
PHIL-213 or PHIL-215	Ethics (This also satisfies a Human Relations requirement) Business Ethics	3
ECON-217	Principles Of Microeconomics ¹	3
ACTG-201	Introduction To Financial Accounting ¹	3
ACTG-202	Introduction To Managerial Accounting ¹	3
BLAW-285	Legal Environment Of Business ¹	3
Total Hours		24

¹ Foundation Courses that are also Core Courses.

* PHIL-215 Satisfies the CPA Ethics requirement

Pre-Major Transition Semester

If you are completing the Foundation Courses, you may enroll in 300-level business courses during the same semester under the following conditions:

1. You must be able to complete the Foundation Requirement and the General Education Requirement within that semester.
2. You must be able to complete at least 60 credit hours (45 hours for business minors) of college-level course work by the end of that semester.
3. You must have earned a 2.50 GPA for Foundation Courses that you've already completed and a 2.00 cumulative GPA for all course work you've completed at Northeastern.

Guidelines for using this privilege:

- Students must request authorization from the Program Advisement Office to utilize the transition semester opportunity through submission of the Course Request Form.
- Students failing to complete all requirements for admission to the College of Business and Management by the end of the Transition Semester may be denied permission to continue the business course sequence (restriction from enrollment in 300-level business courses) until all program admission requirements have been met.

- Generally, students will be allowed ONE SEMESTER to utilize the Transition Semester Opportunity. This includes semesters in which students receive a grade of D, F, NAF, UWF or I, and semesters in which students withdraw from courses.
- Should a student drop a required Foundation Course during the Transition Semester, they will be expected to also drop all 300-level business courses in which they are enrolled.

Admission to the College of Business and Management:

Declaring a Business Major and/or Minor

The following College of Business and Management admission standards must be fulfilled to become eligible to enroll in upper division (300-level) business courses and officially declare a business major or minor:

1. Fulfill the University's General Education Requirement (See the Academic Catalog or Schedule of Classes for details on fulfilling the General Education Requirement).
2. Complete each of the nine Foundation Courses (listed above) with a grade of "C" or better in each course AND earn a Foundation Course grade point average of 2.50 or higher (on a 4-point scale). COBM does not round up GPA. A 2.49 GPA would require re-taking a course(s) to earn a 2.5 foundation GPA.
3. Complete at least 60 college credit hours of course work (45 hours for business minors), including the Foundation Courses and General Education Courses, with a cumulative grade point average of 2.00 or higher.
4. Apply and be approved for admission to the College of Business and Management. This step is equivalent to officially declaring a business major and/or minor. Contact the Office of Program Advisement at (773) 442-6111 to schedule an advisement appointment to officially declare a business major or minor.

Core Courses

Core courses are those that are required of all majors. Four of the Core Courses are also Foundation Courses. Please check the course descriptions in the catalog for course prerequisites.

ACTG-201	Introduction To Financial Accounting ¹	3
ACTG-202	Introduction To Managerial Accounting ¹	3
BLAW-285	Legal Environment Of Business ¹	3
ECON-215	Principles Of Macroeconomics	3
ECON-217	Principles Of Microeconomics ¹	3
ABF-350	Management Information Systems	3
FINA-360	Principles Of Financial Management	3
MKTG-350	Principles Of Marketing	3
MNGT-368	Business Statistics	3
MNGT-370	Writing Intensive Program: Managing Global Business Organization ²	3
MNGT-377	Production/Operations Management	3
MNGT-379	Business Analytics	3
Total Hours		36

¹ Core Courses that are also part of the Foundation.

² MNGT-370 is the department course that fulfills the University Writing Intensive Program (WIP) Requirement

FINA-360, MKTG-350, MNGT-368, and MNGT-370 are prerequisites for more advanced business major courses. These courses must be completed prior to enrollment in advanced courses in your particular major.

Major/Minor Required Courses

Major/Minor Required Courses are those that departments require for the specialized majors and minors they offer. Specific requirements for each major and minor are listed under the departmental headings in this catalog.

All Business majors are required to take MNGT-393, as the capstone course. To enroll in MNGT-393, you must be in your final semester before graduation, have completed all business Core courses (some exceptions apply), have applied for graduation, have met all university graduation requirements, and have earned a 2.50 GPA in your major courses and a 2.50 Cumulative GPA.

Business Electives

Elective Courses are those you choose to match your own special interests and abilities. Specific elective choices and prerequisites for each major and minor program are listed under the departmental headings in this catalog. Electives must be chosen from the preapproved list.

Prerequisites

The curriculum in the College of Business and Management is highly structured and carefully integrated. The content and methods of upper division courses assume that you have already completed a sequence of lower division courses, the prerequisites for those courses, and other program prerequisites that provide you with skills you will need for more advanced study. For that reason, all students—including students-at-large, non-Business majors, and non-traditional degree students—must adhere to course prerequisites, which are strictly enforced. The minimum acceptable grade for a course is “C”. Grades of “D”, “F”, “NAF”, “UWF”, “P”, “S”, and “I” are not recognized as successful completion of a course or course prerequisite.

Class registration lists are monitored by the Office of Program Advisement. If you do not meet all published prerequisites for courses in which you have enrolled, you will be so notified and will be required to withdraw from those courses.

Registration Information

You can register for College of Business and Management classes online through NEIUport. Before you register, be sure that you have complied with published prerequisites and other registration requirements. If you're not sure that you have met all of the course prerequisites, contact the Program Advisors.

All courses with Incomplete grades are treated as courses in progress. A course with an Incomplete grade cannot be used to satisfy course prerequisites. Effective fall 2016, courses with incomplete grades revert to a failing grade after one semester.

Transfer Credits From Other Institutions

Northeastern Illinois University generally accepts courses completed at accredited colleges and universities. While the College of Business and Management usually accepts advanced business courses completed at accredited four-year colleges and universities less than six years prior, acceptance of transfer course work by Northeastern's Office of Enrollment Management Services does not indicate the course is equivalent to a College of Business and Management course, nor does it guarantee the transferred course(s) will meet business program requirements. In addition, lower division courses (100 or 200-level) transferred to Northeastern may not be accepted as equivalent to College of Business and Management upper division courses (300-level) even if an upper division course appears to be comparable and the course was accepted as a general elective by the Office of Enrollment Management Services. As a result, **TRANSFER STUDENTS SHOULD CONTACT THE PROGRAM ADVISEMENT OFFICE AS SOON AS POSSIBLE TO DETERMINE IF TRANSFER COURSES ARE APPLICABLE TO BUSINESS PROGRAMS** and if you have completed criteria to officially declare a business major or minor.

Completion of the transfer course evaluation process is necessary to confirm transfer courses may apply to College of Business and Management program requirements. Transfer course evaluation requires submission of course syllabi to the Program Advisement Office.

The College of Business and Management will accept a maximum of 24 business transfer credit hours (8 courses) toward a major program and a maximum of 9 business transfer credit hours (3 courses) toward a minor program. All transfer students planning to major in a business program must complete a minimum of 10 business courses at Northeastern.

Introduction to Financial Accounting, Introduction to Managerial Accounting, and Legal Environment of Business are lower division courses at Northeastern. The College will accept credit for these courses from accredited community colleges and other four-year institutions attended prior to enrollment at Northeastern provided the courses are deemed equivalent

NOTE: Transfer information is available on the COBM web-page: [transfer \(http://www.neiu.edu/future-students/transfer-center\)](http://www.neiu.edu/future-students/transfer-center) .

Proficiency Examinations

The College of Business and Management may accept a transferred 200-level course to satisfy a 300-level course requirement only IF you complete and pass a proficiency exam. The College offers proficiency exams BY APPOINTMENT ONLY through the Program Advisement Office for:

- Principles of Marketing
- Principles of Financial Management
- Cost Accounting
- Federal Income Tax (Individual)
- Intermediate Financial Accounting I
- Intermediate Financial Accounting II
- Management Information Systems
- Business Law I
- Business Law II
- Business Statistics

To attempt proficiency exams, you must provide documentation confirming you earned a grade of “C” or better less than six years ago in an equivalent 200-level transfer course.

("D", "F", "NAF", "UWF", "P", and "S" are not acceptable grades.) You may attempt an exam for a given course only ONCE and you must make the attempt prior to completion of all other College of Business and Management admission requirements. You will receive a PASS or FAIL for your performance on the exam. If you pass the exam, the credit for the transferred course and the grade earned will be applied to your business major or minor program as appropriate; however, the course credit hours will not be recognized as 300-level toward the University's upper-level course requirement.

The best strategy is to attempt proficiency exams as early as possible to allow you to plan your academic career accordingly. Contact the Program Advisement Office at (773) 442-6111 to obtain information or to schedule an exam

Enrolling in Multiple Institutions

Students interested in completing courses at alternate institutions after beginning enrollment at Northeastern must contact their advisor PRIOR to enrollment in the course(s) to confirm if the course may apply to degree requirements. As a general rule, all upper-division business-related coursework must be completed at Northeastern (Core, Required, and Elective business courses) once you have been admitted or re-admitted to Northeastern. (Business courses may NOT be completed at alternate institutions.) Failure to obtain permission to complete courses at an alternative institution prior to enrollment may result in rejection of the course by the University and the College.

Enrollment In Business Courses for Non-Business Students

If you're a Northeastern non-business or business pre-major student who would like to enroll in one or more business courses, you must meet the same prerequisites as business majors and minors, including completion of the College's Foundation Requirement. A maximum of 27 hours of business courses (9 courses) may be completed prior to formally declaring a business major or minor.

Students-at-large must secure approval from the Program Advisement Office (CBM 159) to register in any business course. In general, the College's Foundation Requirement is waived for students-at-large, but you must meet the specific prerequisites for business course(s) in which you seek to enroll. Students-at-large enrolled in degree programs at other institutions are responsible for confirming courses completed at Northeastern will transfer to their primary institution to satisfy degree requirements.

Graduation Requirements

To earn a Bachelor of Science degree in a business major, you must meet all University graduation requirements, have completed all Foundation, Core, and Major required and elective courses in the College of Business and Management with a grade of C or better, achieved a minimum cumulative 2.50 (on a 4-point scale) grade point average for all course work at Northeastern, and a 2.50 GPA for all of your Major course work (Core Courses plus required and elective courses in your Major). Business Minors must earn a 2.50 or higher GPA for all required and elective courses in the Minor.

Filing for Graduation

To apply for graduation, contact the Program Advisors two semesters prior to the term in which you plan to graduate. See approximate dates below:

Month of Anticipated Completion of Degree Requirements	Filing Deadline
May	Previous September
August	Previous January
December	Previous May

Major and minor graduation forms are valid for a one-year period from the date on the form. If you do not graduate within that period, you must contact the Program Advisors to complete a new graduation form for the University's graduation evaluators.

Additional Academic Regulations

Governing Standards

The requirements that govern business major and minor programs are those that were published in the Academic Catalog at the time you were admitted to Northeastern Illinois University. Changes in course prerequisites are an exception, becoming applicable as they are enacted.

If you are absent from the University for one year or longer, your student status is inactivated. You revert to undeclared status, must re-apply for admission to the University and the College upon return, and must meet all current University, major/minor declaration, and business program requirements to qualify for a Bachelor's Degree.

Repeat Course Policy/Duplication of Course Credit

Courses may only apply to one degree program. You must complete separate courses to fulfill credit hour requirements for all programs when completing multiple business programs (two majors or a major and a minor program). When the same course is required for multiple programs, the department chairperson of the second program must approve a course to be completed to satisfy credit hour requirements for that program.

The College calculates your Foundation and Major grade point averages for College requirements using the most recent grade for repeated courses. This is in compliance with the University's cumulative grade point average policy (discussed below).

University policy permits students to repeat courses. The most recent grade and corresponding grade points from repeated courses are used to calculate the cumulative grade point average. Previous grade(s) are not included in calculation of cumulative grade point average or hours earned regardless of which grade is higher. All courses count only once toward the 120 credit hour minimum required for graduation. Students who repeated a course prior to Summer 2008 in which a grade of "C" or above was earned will have all grades calculated in the cumulative grade point average, but will only earn credit hours for the course once.

Note: **ALL grades received for all courses appear on the transcript.**

Class Attendance/Course Withdrawals

In accordance with University policy, you're expected to attend the first class session of all courses in which you are enrolled to confirm your registration. If you stop attending classes, you must officially withdraw from the course through established University procedures (NEIUport). Failure to officially withdraw from a course you stop attending for any reason is the same as failing the course. A permanent grade of F, NAF or UWF will appear on your transcript.

Pass/Fail Policy

Pass grades ("P") are not permitted to satisfy any degree requirements. Only grades of "C" or better fulfill course requirements.

Requirements for Multiple Business Majors

Students who wish to complete a second business major must take a minimum of 30 additional credit hours beyond the course work required for the first major. These credit hours must consist of at least 24 credits in the second major discipline. The remaining 6 elective credits may be any course offered by the College of Business and Management.

Contact the College's Office of Program Advisement for further information.

Aging of Course Work

The College of Business and Management may evaluate business coursework for currency and may reject courses that are deemed to be dated/aged (completed six or more years prior to enrollment or re-enrollment at NEIU). These courses must be repeated. This applies to all students - new, returning, and continuing.

Graduate Programs

Overview

The College of Business and Management offers graduate programs in business leading to the **Master of Business Administration (MBA) degree** and the **Master of Science in Accounting degree** (<http://catalog.neiu.edu/archive/2016-2017/business-management/accounting-business-law-finance/master-science-accounting>).

At Northeastern, you'll take classes in the most diverse cultural environment in the Midwest—an important advantage for developing effective management skills in an increasingly global and multicultural world. A hallmark of both programs is their flexibility, which allows you to earn your degree even while you pursue your current career. This includes:

- Evening and weekend classes
- Full-time or part-time enrollment
- Business or non-business undergraduate degree accepted for admission
- Small classes and individual attention that challenge you to learn and grow
- Most affordable M.B.A. and M.S. Accounting programs in the Chicago area

M.B.A. Program

The Master of Business Administration program provides you with a comprehensive knowledge base in business theory and practice to prepare you for mid- and upper-level management positions. The Northeastern Illinois University M.B.A. is also an excellent value—total tuition and fees are lower than virtually any other M.B.A. program in Illinois. To make your graduate program even more affordable, we offer a variety of financial-aid packages, individually configured to meet your needs.

The Northeastern Illinois University M.B.A. program is made up of 33 credit hours (11 courses) of graduate credit. If your undergraduate degree includes business course work, you may be able to enter directly into the advanced phase of the M.B.A. program.

M.S. Accounting Program

The Master of Science in Accounting program offers you a broad base of knowledge about accounting and business theory and practice, tailored for students who wish to meet Illinois' 150 credit-hour requirement to become a Certified Public Accountant (CPA). Accountants with a graduate degree and CPA certification are well qualified to provide leadership in planning, coordinating and controlling the economic activities of business and non-business enterprises. The combination of a graduate Accounting degree and CPA certification is a powerful set of credentials for career success.

The Northeastern Illinois University M.S. Accounting program includes 30 credit hours of graduate credit. If you have an undergraduate degree in Accounting, you may be able to enroll in advanced M.S. Accounting courses right away.

For additional information about graduate programs in business at Northeastern Illinois University, contact the Graduate Studies in Business Office at cobm-grad@neiu.edu or call (773) 442-6114.

Accounting, Business Law and Finance

Accounting is the language of business, and employees of small and large organizations must understand basic accounting principles. The knowledge of debits and credits, financial statements, and accounting information systems is basic for all business activities. Accounting majors must, of course, be well grounded in accounting theory and practice. Many accounting majors sit for the Uniformed Certified Public Accountant (C.P.A.) Examination and embark on meaningful careers in the public accounting field, and some seek to take the Certified Management Accountant (C.M.A.) Examination

Finance is the study of value. Using basic principles from the fields of accounting, economics, and statistics, finance involves analysis of financial institutions, financial markets, and financial concepts. Finance majors can emphasize the study of markets or the study of financial management practices. The financial services field has exploded with new kinds of products and services, creating a need for individuals to sell new financial and investment instruments and services and to manage the entities which provide them. Banking, stock brokerage, commodities/futures/options trading, and financial planning and analysis are traditional areas where finance majors find employment. Frequently finance majors are sought for entry level positions in the allied fields of real estate and insurance.

It is important to understand the legal implications of key business decisions, as business law constitutes the protocols for managerial action. Business law courses offered at Northeastern are not a pre-law program and are not intended to be preparation for law school.

- Major in Accounting for the Bachelor of Science (<http://catalog.neiu.edu/archive/2016-2017/business-management/accounting-business-law-finance/accounting>)
- Major in Finance for the Bachelor of Science (<http://catalog.neiu.edu/archive/2016-2017/business-management/accounting-business-law-finance/finance>)
- Minor in Accounting (<http://catalog.neiu.edu/archive/2016-2017/business-management/accounting-business-law-finance/minor-accounting>)
- Minor in Finance (<http://catalog.neiu.edu/archive/2016-2017/business-management/accounting-business-law-finance/minor-finance>)
- Minor in Forensic Accounting (<http://catalog.neiu.edu/archive/2016-2017/business-management/accounting-business-law-finance/minor-forensic-accounting>)
- Master of Science in Accounting (<http://catalog.neiu.edu/archive/2016-2017/business-management/accounting-business-law-finance/master-science-accounting>)

Stijepko Tokic, J.D., LL. M., Associate Professor of Business Law, Chair
 Sara Aliabadi, Ph.D., Assistant Professor of Accounting
 Hong Gee Chen, Ph.D., Associate Professor of Accounting
 Nont Dhiensiri, Ph.D., Associate Professor of Finance
 Alireza Dorestani, Ph.D., Associate Professor of Accounting
 Essam Elshafie, Ph.D., Associate Professor of Accounting
 Charletta Gutierrez, Ph.D., Associate Professor of Management Information Systems
 Richard Kilpatrick, J.D., Assistant Professor of Business Law
 Huong (Anne) Le, Ph.D., Assistant Professor of Finance
 Emmanuel Nyadroh, Ph.D., Associate Professor of Accounting
 Narendar Rao, Ph.D., Professor of Finance
 Xiaohong (Sara) Wang, Ph.D., Assistant Professor of Finance
 Chunwei Xian, Ph.D., Assistant Professor of Accounting
 Ai-Ru Yen, Ph.D., Associate Professor of Accounting
 Myung-Ho Yoon, Ph.D., Professor of Accounting

Accounting, Business Law and Finance

ABF-350. Management Information Systems. 3 Hours.

This course centers on the use of computer based information systems (IS) to provide quality information upon which business decisions are made. The course presents the theory and practice involved with organization-wide usage of information technology (IT). The course also integrates the core business areas of management, marketing, finance, international activities, and ethics as they relate to information systems. Special attention is given to the tools available for providing decision makers with quality information and the implications of information systems for achieving a competitive advantage. Prereq.: All Foundation Courses including ACTG-202.

Prerequisite: ACTG-202 minimum grade of C.

ABF-403. Mngt of Info Systems & Tchnlgy. 3 Hours.

ABF-403 Management of Information Systems and Technology, 3 cr. This course examines two major and related concepts: the management of information and the management of technology. Students investigate issues and approaches in managing the information system (IS) function and how the IS function supports and enables organizational capabilities and strategies. Principles underlying the acquisition, application, and management of technology are considered. Special attention is given to management information systems (MIS) and to information technology (IT) applications which support managerial decision-making and enhance organizational competitiveness. Relevant business cases are studied to reinforce conceptual learning. Prereq.: ACTG-400 or equivalent and graduate standing.

Accounting

ACTG-201. Introduction To Financial Accounting. 3 Hours.

Accounting is a system for measuring economic activities. This course introduces to students the underlying assumptions, concepts, and methods of financial accounting regarding the recording, processing, and reporting of an organization's economic activities in financial statements to external decision makers. Prereq.: MATH-165.

Prerequisite: MATH-165 minimum grade of C.

ACTG-202. Introduction To Managerial Accounting. 3 Hours.

This course focuses on managerial accounting. It emphasizes the use of accounting information for management planning and control decisions. Topics include analysis of cost behavior, budgeting, and other managerial issues. Prereq.: MATH-165 and ACTG-201.

Prerequisites: ACTG-201 minimum grade of C and MATH-165 minimum grade of C.

ACTG-300. Principles Of Accounting. 3 Hours.

This course surveys the basic accounting concepts and procedures used in the preparation of financial statements, statement analysis and managerial planning and control. Topics covered include accounting for internal planning. The course is targeted toward undergraduate non-business-major students with no prior knowledge of accounting, to study and obtain an overall fundamental understanding and appreciation of the use of accounting information. This course cannot be counted for credit toward a major in business.

Prerequisite: (MATH-092 - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

ACTG-301. Cost Accounting I. 3 Hours.

The course expands upon the study of accounting information that is needed by management to plan and control various operations of an organization and to price products and services. Topics include job order and process costing systems, standard costing and variance analysis, budgeting, direct, absorption and throughput costing, and cost-volume-profit (including break-even) analysis. Prereq.: All Foundation Courses Including ACTG-202.

Prerequisite: ACTG-202 minimum grade of C.

ACTG-306. Accounting For Non-Profit Organizations. 3 Hours.

A study of the special techniques employed in recording and reporting financial data of non-profit government units and private non-profit organizations.

Prerequisite: ACTG-322 minimum grade of C.

ACTG-307. Auditing Theory And Problems. 3 Hours.

Auditing contributes to the reliability of financial and other data. This course, comprised of theory and philosophy of auditing, makes it an essential part of an accountant's knowledge. Topics include standards-general, field work and reporting, evidential matter, review of internal control, auditing techniques, practices, problem-solving, and a study of A.I.C.P.A. industry audit guides.

Prerequisite: ACTG-322 minimum grade of C.

ACTG-308. Advanced Auditing. 3 Hours.

This course enhances the students understanding of auditing principles. Included is a detailed study of statements of auditing standard, evidential matter, techniques, problem solving, and a study of AICPA industry audit guidelines.

Prerequisite: ACTG-307 minimum grade of C.

ACTG-309. Foundations Of Forensic & Investigative Accounting. 3 Hours.

The purpose of this course is to cover important topics associated with contemporary forensic and investigative accounting. Topics include fraud auditing, litigation support, valuation, cybercrime, and other key forensic topics. Prereq. ACTG-201 and ACTG-202.

Prerequisites: ACTG-201 minimum grade of C and ACTG-202 minimum grade of C.

ACTG-310. Federal Income Tax (Individual). 3 Hours.

Fundamentals of tax accounting and reporting with emphasis on individuals. Topics include gross income and exclusions, deductions to arrive at and deductions from gross income, gain or loss recognition, basis, capital gains and losses, credits and administration.

Prerequisite: ACTG-202 minimum grade of C.

ACTG-311. Federal Income Tax (Corporate). 3 Hours.

Advanced development of topics discussed in the first tax course. Additional topics include matters specifically applicable to partnerships, corporations, and basic introductions to estate and gift taxes. Tax research techniques are also developed in the subject.

Prerequisite: ACTG-310 minimum grade of C.

ACTG-312. Cost Accounting II. 3 Hours.

This course is a logical continuation of the prerequisite course with even greater emphasis on accounting information used for management planning and control. Topics include division performance measurement, transfer pricing, and application of quantitative techniques to cost accounting.

Prerequisite: ACTG-301 minimum grade of C.

ACTG-313. Internal Auditing And Management Control. 3 Hours.

Internal auditing is an independent appraisal activity within an organization for the review of operations aimed at promoting its efficiency and effectiveness. This course explores the concepts and standards of internal auditing and their applications. Topics include the discussion of the nature and environment of internal auditing, disciplines related to internal auditing, internal auditing process and the organization and administration of an internal auditing department.

Prerequisites: ABF-350 minimum grade of C and ACTG-307 minimum grade of C.

ACTG-319. Fraud Examination. 3 Hours.

This course is designed to introduce students to basic topics associated with fraud involving accounting information. It provides an overview of techniques to detect fraud, procedures to assess fraud risk, and measures to deter and prevent fraud.

Prerequisite: ACTG-321 minimum grade of C.

ACTG-321. Intermediate Financial Accounting I. 3 Hours.

This is the first course in the professional financial accounting sequence. This course emphasizes the conceptual framework underlying financial accounting, preparation of financial statements, and the accounting treatment of current assets, long-term assets, and current liabilities. Prereq.: All Foundation Courses including ACTG-202.

Prerequisite: ACTG-202 minimum grade of C.

ACTG-322. Intermediate Financial Accounting II. 3 Hours.

This is the second course in the professional financial accounting sequence. This course emphasizes long-term liabilities, equity, revenue recognition and the statement of changes.

Prerequisite: ACTG-321 minimum grade of C.

ACTG-324. Advanced Financial Accounting IV. 3 Hours.

This is the third course in the professional financial accounting sequence. This course emphasizes consolidations for large multi-national and domestic corporations. Prereq.: ACTG-322.

Prerequisite: ACTG-322 minimum grade of C.

ACTG-325. Contemporary Financial Accounting Issues. 3 Hours.

The course covers an in-depth investigation of contemporary accounting issues and problems, including analysis and evaluation of most recent accounting pronouncements and articles in major accounting journals.

Prerequisite: ACTG-322 minimum grade of C.

ACTG-380. International Accounting. 3 Hours.

This course is concerned with an examination of the environmental factors affecting accounting concepts and standards. Differences in the cultural, social, political, legal and economic environment are the determining factors in the selection of accounting concepts and standards. Coverage will include country and regional studies and accounting problems related to multinational businesses such as foreign currency translation.

Prerequisite: ACTG-322 minimum grade of C.

ACTG-382. Internship In Accounting. 3 Hours.**ACTG-383. Internship In Accounting. 4 Hours.****ACTG-384. Internship In Accounting. 5 Hours.****ACTG-385. Internship In Accounting. 6 Hours.****ACTG-386. Independent Study In Accounting. 3 Hours.****ACTG-387. Independent Study In Accounting. 2 Hours.****ACTG-388. Independent Study In Accounting. 1 Hour.****ACTG-400. Fundamentals Of Accounting. 4 Hours.**

This course is designed for graduate students with no prior knowledge of accounting. Students will study and obtain an overall fundamental understanding and appreciation of the use of accounting information for making business decisions. This is a condensed, fast-paced course that addresses the topics of financial accounting for external reporting and managerial accounting for internal planning, control and decision-making of business operations.

ACTG-402. Managerial Accounting. 3 Hours.

This course focuses on managerial accounting. Managerial accounting is a company's internal language. It emphasizes the use of accounting information for planning, control, and decision making. Topics include relevant costing, cost behavior analysis, product costing, budgetary control, and performance evaluation. Prereq.: ACTG-400 or equivalent and graduate standing.

Prerequisite: ACTG-400 minimum grade of C.

ACTG-406. Governmental & Not-For-Profit Accounting. 3 Hours.

The course is designed to introduce students to the requirements of accounting for not-for-profit and federal, state, and local governmental entities. These entities are required to follow the pronouncements of either the Financial Accounting Standards Board or the Government Accounting Standards Board. The financial accounting and reporting concepts, standards and procedures applicable to federal, state, and local governmental entities and not-for-profit organizations will be discussed.

Prerequisite: ACTG-400 minimum grade of C.

ACTG-407. Auditing Theory And Practice. 3 Hours.

Integrates accounting standards, accounting systems, internal control structures and the dual auditing functions of obtaining and evaluating evidence- all within the context of a professional environment.

Prerequisite: ACTG-421 minimum grade of C.

ACTG-408. Information Technology Auditing. 3 Hours.

The purpose of this course is to teach students how to audit computer-based accounting information systems; therefore, this course focuses on evaluation of accounting systems controls, tests accounting data integrity, and discusses the nature and use of expert systems in accounting with emphasis on their use as an audit tool.

Prerequisite: ACTG-307 minimum grade of C.

ACTG-409. Forensic And Investigative Accounting. 3 Hours.

This course is designed to introduce students to basic topics associated with forensic and investigative accounting. It helps students to understand and design procedures related to fraud detection, computing economic damages, and business valuation, among other topics. To enroll in this course, you must have completed ACTG-307, with a graduate standing. If you have not met these prerequisites, you must withdraw from this class. Students who do not meet the course prerequisites and who do not drop voluntarily during the first week of class will be administratively withdrawn later in the semester.

Prerequisite: ACTG-307 minimum grade of C.

ACTG-410. Seminar In Tax Planning. 3 Hours.

This course focuses on a managerial approach to taxation through emphasis on major provisions of the income tax law and related administrative and judicial rulings as they affect business transactions. This course also includes consideration for the tax structure and its role as a tool for business planning.

Prerequisite: ACTG-400 minimum grade of C.

ACTG-412. Accounting For Planning And Control. 3 Hours.

This course provides for systematic and in-depth discussion and analysis of various accounting models which are useful to organizational planning and control, including the role of accounting systems in developing and refining data necessary for cost and managerial planning.

Prerequisites: ACTG-401 minimum grade of C and ACTG-402 minimum grade of C.

ACTG-421. Current Topics In Financial Accounting. 3 Hours.

This course provides a conceptual framework for current issues in financial accounting measurement and reporting, and valuation of assets, liabilities and income determination and other necessary disclosures of financial information.

Prerequisite: ACTG-400 minimum grade of C.

ACTG-422. Financial Statement Analysis. 3 Hours.

This course is designed to prepare students to interpret, analyze and evaluate corporate financial statements effectively for the purpose of reaching informed lending, investment, and other business related decisions. Topics include overview of financial statements, assessment of accounting quality, tools of profitability and risk analysis, preparation of forecasted financial statements, and firm valuation models. Prereq.: ACTG-400 or equivalent and graduate standing.

Prerequisite: ACTG-421 minimum grade of C.

ACTG-430. Research Methodology In Accounting. 3 Hours.

Provides a thorough understanding of research methodologies in accounting. The approach is to take a central research question and pursue its dimensions which include: importance of the question posed, the research design to evaluate that question, threats to the credibility of potential inferences drawn, research types that could be applied to the same question, and challenges in communication and interpretation.

Prerequisite: ACTG-400 minimum grade of C.

ACTG-440. Tax Research And Procedure. 3 Hours.

The purpose and methods of conducting tax research and communicating tax research conclusions. The course will focus on Internal Revenue practice and procedures, tax policy, issues in taxpayer compliance, and tax payer and tax preparer responsibilities will also be addressed. Graduate Standing.

Prerequisite: ACTG-310 minimum grade of C.

ACTG-441. Estate, Gift And Trust Taxation. 3 Hours.

Current laws, cases, rulings and regulations useful for estate planning purposes are discussed. Topics include estate valuation, gift planning, estate planning and trusts, life insurance, joint tenancy, powers of appointment, pre-marital and marital dissolution agreements, community property, and generation-skipping transfer tax. Planning for estate tax minimization will be emphasized.

Prerequisite: ACTG-410 minimum grade of C.

ACTG-451. Accounting Information Systems. 3 Hours.

In-depth coverage of the concepts and techniques underlying the development, use and control of computerized accounting information systems are evaluated. Focus is on the understanding of accounting information and accounting information systems, and the underlying theory and practice of internal control systems. Particular emphasis will be placed on how information systems, including spreadsheets, databases, and other information technologies, serve as the basis for the functional areas of accounting and business through a case study approach. Prereq.: ACTG-400 or equivalent and graduate standing.

Prerequisite: ACTG-400 minimum grade of C.

ACTG-480. Issues In International Accounting And Multinational Business Operations. 3 Hours.

In-depth discussions of accounting issues and problems faced by companies with multinational operations. Topics include issues related to foreign currency translator, consolidation of foreign subsidiaries, foreign investment, international transfer pricing, analysis of foreign investment. Issues in the ethical conduct of multifunctional operations and in the Foreign Corrupt Practices Act will also be discussed.

Prerequisite: ACTG-421 minimum grade of C.

ACTG-500. Project. 3 Hours.

Approval of major advisor is necessary.

ACTG-501. Thesis. 3 Hours.

Approval of major advisor is necessary.

Business Law

BLAW-109. First Year Experience: Professionalism, Ethics, Law & Chicago Scandals. 3 Hours.

This course examines the intersection between professionalism, ethics and law from a business perspective. We will look at these issues through the lens of major business-related Chicago scandals, predominantly non-political, and we will take multiple trips to visit some of the actors involved in these scandals, such as judges, lawyers and businessmen, who will further inform students about the importance of professionalism, ethics and compliance with laws. The topics covered in this course include defining professionalism, comparing professionalism to ethics, critically evaluating the differences and the importance of both, and discussing the legal process as it applies to white collar crimes.

BLAW-285. Legal Environment Of Business. 3 Hours.

This survey course traces the history and development of the legal environment of business. Topics include elements of the law and the judicial process, elements of traditional business law, and the government regulation of business. Prereq.: 30 credit hours of college work.

BLAW-380. Business Law I. 3 Hours.

The study of the law of contracts, including mutual assent, consideration, legality, capacity, statute of frauds, third parties, performance, breach, discharge, and remedies; UCC sales, including transfer of title, risk of loss, bulk sales, product liability and strict liability.

Prerequisite: BLAW-285 minimum grade of C.

BLAW-381. Business Law II. 3 Hours.

Continuation of BLAW-380 and covers: Agency, partnerships, corporations and UCC commercial paper. The rights and liabilities of corporate and partnership forms of business organization are covered. Negotiation, warranties, holder in due course, bank items are covered as part of UCC commercial paper.

Prerequisite: BLAW-285 minimum grade of C.

BLAW-383. Legal Aspects Of Entrepreneurship. 3 Hours.

This course offers a framework for understanding legal aspects of entrepreneurial process. Topics include selecting a business form, obtaining financial capital, marshaling human resources, securing and protecting intellectual property rights, anticipating and managing risks, and engaging in e-commerce.

BLAW-400. Legal Environment Of Business And Management. 2 Hours.

This course centers on the American legal system as one sphere of influence in the business operations of an organization. Topics include anti-trust laws, mergers and acquisitions, securities regulations, equal employment, and labor management regulations, product liability, and consumer protection. Litigation and arbitration as methods for resolving disputes are also covered. The social responsibilities, ethical concerns, and dilemmas of the organization's manager are stressed as part of the practical decision making environment.

BLAW-410. International Business Law. 3 Hours.

This course will include material on the international legal environment, international economic associations, such as WTO, conflicts of law, international contracting, letters of credit, exporting/importing issues, including tariffs and other aspects of international business transactions. The purpose is to prepare an MBA student to be able to understand the legal issues that are involved in international business transactions.

Finance

FINA-360. Principles Of Financial Management. 3 Hours.

The purpose of this course is to provide a broad overview of the fundamental concepts in financial management such as creation of value for the shareholders, ratio analysis, time value of money, stock and bond valuation, risk and return, cost of capital and capital budgeting. Prereq.: All Foundation Courses completed.

Prerequisite: ACTG-201 minimum grade of C.

FINA-362. Investment. 3 Hours.

An introduction to financial markets. Particular emphasis is placed on valuation and the characteristics of different financial assets.

Prerequisite: FINA-360 minimum grade of C.

FINA-363. Security Analysis. 3 Hours.

This course analyzes the factors affecting the market valuation of securities utilizing fundamental analysis and modern portfolio theory.

Prerequisite: FINA-360 minimum grade of C.

FINA-364. Problems In Business Finance. 3 Hours.

This course, employing the case method, is designed to help the student through problem-solving as well as learning skills for making financial decisions for corporations.

Prerequisite: FINA-360 minimum grade of C.

FINA-365. Personal Financial Planning. 3 Hours.

This course is a broad-based introduction to a wide range of personal financial topics, including setting financial goals, budgeting, saving and credit management, insurance, tax planning, asset acquisition, investments, and retirement planning. It will provide the informational and decision-making tools needed for implementing a sound personal financial plan. Prereq.:MATH-165 and FINA-360.

Prerequisites: (MATH-110 minimum grade of C or MATH-165 minimum grade of C) and FINA-360 minimum grade of C.

FINA-366. Financial Institutions And Markets. 3 Hours.

The course is designed to provide students with a broad and integrated view of the concepts and principles of the financial system as well as an understanding of pertinent issues faced by different types of financial institutions. Prereq.: FINA-360.

Prerequisite: FINA-360 minimum grade of C.

FINA-367. Short-Term Financial Management. 3 Hours.

This course focuses on short-term assets and liabilities and discusses the implications of short-term financial management from the perspective of value creation. It also develops skills useful to a bank loan officer, a credit analyst, a cash manager, or a corporate treasurer.

Prereq.: FINA-360.

Prerequisite: FINA-360 minimum grade of C.

FINA-368. Financial Management Of Financial Institutions. 3 Hours.

The objective of this course is to expose the student to the techniques of financial management employed by the financial institutions and other financial intermediaries. The course emphasizes the use of tools for decision making within a financial institution framework which is in a state of transition.

Prerequisite: FINA-360 minimum grade of C.

FINA-369. Speculative Markets. 3 Hours.

This course reviews the mechanics of the major futures contracts: commodities, financial, stock index, and currency futures. Particular emphasis is placed on hedging price risk with futures contracts, and speculating with futures and options contracts. The student is expected to complete a project involving a simulated trading game involving futures and options. Prereq.: FINA-360.

Prerequisite: FINA-360 minimum grade of C.

FINA-370. Option Pricing:Theory And Strategic Applications. 3 Hours.

The course is designed to familiarize students with the theoretical foundations of options pricing. This knowledge is then used to design strategies for profiting from mispriced options. Mathematical complexity will be kept to a minimum. The use of personal computers as decision-making aids will be strongly emphasized.

FINA-371. International Financial Management. 3 Hours.

The course focuses on the international aspects of finance management. Particular emphasis is placed on the control of exchange rate risk and financing multinational corporations.

Prerequisite: FINA-360 minimum grade of C.

FINA-372. Portfolio Management. 3 Hours.

The course covers the theory and the techniques of portfolio management. Particular emphasis is placed on definition of objectives for and the construction of portfolios. This course prepares the student for the first CFA exam.

Prerequisites: FINA-360 minimum grade of C and MNGT-368 minimum grade of C.

FINA-373. Intermediate Financial Management. 3 Hours.

This course is an extension of FINA-360. It seeks to build upon the theoretical framework developed in FINA-360, enabling students to acquire new conceptual and applied knowledge of corporate finance. The course covers, among other topics, advanced issues in capital budgeting, optimal capital structure theory, debt policy, dividend policy, buy versus lease decisions, current asset management, mergers, bankruptcies and reorganizations. Students are expected to have a familiarity with a spreadsheet package.

Prerequisite: FINA-360 minimum grade of C.

FINA-374. Futures Trading Strategies. 3 Hours.

The course is designed to emphasize the practical, rather than theoretical, aspects of futures markets. Students will be exposed to technical analysis, mechanical system development, and to disciplined money management techniques. The student is expected to participate in a simulated trading game involving futures. Prereq.: FINA-360.

Prerequisite: FINA-360 minimum grade of C.

FINA-375. Debt Markets And Portfolio Strategies. 3 Hours.

The first part of the course is designed to introduce students to some of the very recent innovations in the fixed-income securities market, as for example, zero coupon bonds, floating rate notes and convertible issues. The next segment familiarizes students with portfolio management considerations unique to debt instruments. Mathematical complexity, though inevitable, will be kept to a minimum.

Prerequisite: FINA-360 minimum grade of C.

FINA-376. Technical Analysis Of The Futures Market. 3 Hours.

This course will enable students to read and interpret futures price charts. Technical analysis (as opposed to fundamental analysis) stresses the information content of part and price data and is based on the premise that prices do not always move randomly. Students believing in this underlying philosophy ought to benefit from this course.

Prerequisite: FINA-360 minimum grade of C.

FINA-377. Real Estate Finance. 3 Hours.

The primary objective of this course is to provide an overview of real estate finance. This course involves an exploration of the characteristics, institutions, and markets through which financing of real estate occurs. This course focuses on the dynamic changes that have occurred in the real estate field in the past few years and also assess the impact that these changes have had on both the availability and costs of mortgage debt and the risks associated with its use.

Prerequisite: FINA-360 minimum grade of C.

FINA-378. Introduction To Risk Management And Insurance. 3 Hours.

The individual, family, business entity, and society are all exposed to accidental loss events that may have a significant bearing on their financial, analyzing, controlling, financing, and monitoring these loss exposures. The primary focus of this introductory course is to provide an understanding of the various risks that businesses and individuals are exposed to and the alternative methods that are available to manage these risks.

Prerequisite: FINA-360 minimum grade of C.

FINA-380. Entrepreneurial Finance. 3 Hours.

This course offers a framework for understanding fundamentals of entrepreneurial finance.

Topics include introduction to entrepreneurial finance, financial statement analysis, cash flow management, valuation of business, raising capital, debt financing, equity financing and other sources of funding.

Prerequisite: ACTG-201 minimum grade of C.

FINA-382. Internship In Finance. 3 Hours.**FINA-383. Internship In Finance. 4 Hours.****FINA-384. Internship In Finance. 5 Hours.****FINA-385. Internship In Finance. 6 Hours.****FINA-395. Independent Study In Finance. 3 Hours.****FINA-396. Independent Study In Finance. 2 Hours.****FINA-397. Independent Study In Finance. 1 Hour.****FINA-400. Fundamentals Of Financial Management. 2 Hours.**

This course centers on corporate financial management, providing students with an overview of essential financial concepts such as time value of money, the relation between risk and return, stock valuation, bond valuation, and the analysis of corporate financial performance.

Prerequisite: ACTG-400 minimum grade of C.

FINA-402. Issues In Corporate Finance. 3 Hours.

This course provides a broad exposure to the principles and techniques of Financial Management. The course discusses how important areas in Financial Management, namely, the Investment Decision, Financing Decision, and Payout Decision can contribute to the goal of shareholder value creation, from a domestic and international perspective. Prereq.: FINA-400 or equivalent and graduate standing.

Prerequisite: FINA-400 minimum grade of C.

FINA-460. Financial Management. 3 Hours.

Prerequisite: MNGT-368 minimum grade of C.

FINA-462. Investment Strategies. 3 Hours.

This course provides an overview of investing with an emphasis on the fundamental approach to investing. Students will be exposed to modern portfolio theory and its implications and gain an understanding of asset pricing models, bond portfolio management strategies, and equity portfolio management strategies. Prereq.: FINA-400 or equivalent and graduate standing.

Prerequisite: FINA-460 minimum grade of C.

FINA-469. Mergers And Acquisitions. 3 Hours.

This course involves an examination of the key elements of the mergers and acquisitions process. It provides the analytical framework and vital tools necessary to successfully plan and execute mergers, acquisitions, and corporate restructuring. One key goal of this course is for the students to develop a critical appreciation of the key financial and strategic criteria in a proposed acquisition. The primary purpose of this course is to make sure students understand what works and what does not, in the world of mergers and acquisitions.

Prerequisite: FINA-400 minimum grade of C.

FINA-470. Corporate Financial Strategy. 3 Hours.

Corporate financial strategy in practice is emphasized in this course. Topics to be discussed include: (a) financial planning, (b) strategies for raising capital, (c) strategies for allocating capital among different uses, and (d) strategies for working capital management.

Prerequisite: FINA-400 minimum grade of C.

FINA-471. International Financial Management. 3 Hours.

This course emphasizes the theoretical concepts of international finance such as currency arbitrage and interest rate parity and their practical ramifications. Particular emphasis is placed on the hedging of exchange risks for importers and exporters, swap financing, international capital budgeting, and the cost of capital for local and foreign currency borrowing. Prereq.: FINA-400 or equivalent and graduate standing.

Prerequisite: FINA-400 minimum grade of C.

FINA-474. Seminar On Futures And Options Markets. 3 Hours.

This seminar provides an overview of the commodity/financial futures and options markets. Particular emphasis is placed on hedging price risk with futures contracts, valuing options contracts, and speculating with trading strategies involving futures and options contracts. The course will emphasize trading strategies using the futures and options markets with the help of a simulated trading game. Prereq.: FINA-400 or equivalent and graduate standing.

Prerequisite: FINA-400 minimum grade of C.

FINA-475. Management Of Financial Institutions. 3 Hours.

This course focuses on the application of traditional finance concepts to the management of commercial banks and other depository intermediaries, which are part of the Financial Services Industry, operating in domestic and international markets.

Prerequisite: FINA-400 minimum grade of C.

FINA-500. Project. 3 Hours.

Approval of major advisor is necessary.

FINA-501. Thesis. 3 Hours.

Approval of major advisor is necessary.

Major in Accounting

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Accounting for the Bachelor of Science Degree

Required Courses

Business and Management Core Courses	36
Required Major Courses	24
ACTG-301	Cost Accounting I ¹
ACTG-307	Auditing Theory And Problems
ACTG-310	Federal Income Tax (Individual) ¹
ACTG-321	Intermediate Financial Accounting I
ACTG-322	Intermediate Financial Accounting II ¹
ACTG-324	Advanced Financial Accounting IV ¹
BLAW-380	Business Law I
MNGT-393	Strategic Management
Electives	
Select two of the following:	6
ACTG-306	Accounting For Non-Profit Organizations
ACTG-311	Federal Income Tax (Corporate)
ACTG-312	Cost Accounting II
ACTG-325	Contemporary Financial Accounting Issues

BLAW-381	Business Law II	
Total Hours		66

¹ These courses include an international component.

Recommended Professional Courses for Certification as a CPA, CMA, and CIA

Baccalaureate degree-holders who wish to prepare for professional certification examinations may register as students at-large in selected courses in order to supplement previous academic work. Contact the Chair of the Department of Accounting, Business Law and Finance for information and course enrollment authorization. Recommended professional certification courses include:

ACTG-306	Accounting For Non-Profit Organizations	3
ACTG-311	Federal Income Tax (Corporate)	3
ACTG-312	Cost Accounting II	3

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
ENGL-101	Writing I	3
MATH-165	Finite Mathematics For Business And The Social Sciences	3
BLAW-109	First Year Experience: Professionalism, Ethics, Law Chicago Scandals	3
1 Fine Arts Course		3
1 Natural Science Course		3
Term Hours		15

Term 2		
ENGL-102	Writing II	3
ECON-217	Principles Of Microeconomics	3
PHIL-213	Ethics	3
1 Fine Arts Course		3
Term Hours		12

Second Year

Term 1		
ACTG-201	Introduction To Financial Accounting	3
BLAW-285	Legal Environment Of Business	3
ECON-215	Principles Of Macroeconomics	3
1 Humanities Course		3
1 Natural Science Course		3
Term Hours		15

Term 2		
ACTG-202	Introduction To Managerial Accounting	3
1 Humanities Course		3
1 Natural Science Course		3
1 Social/Behavioral Science Course		3
1 General Elective		3
Term Hours		15

Third Year

Term 1		
ACTG-310	Federal Income Tax (Individual)	3
ACTG-321	Intermediate Financial Accounting I	3
MKTG-350	Principles Of Marketing	3

MNGT-370	Writing Intensive Program: Managing Global Business Organization	3
MNGT-368	Business Statistics	3
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Term Hours		15
Term 2		
ABF-350	Management Information Systems	3
ACTG-301	Cost Accounting I	3
ACTG-322	Intermediate Financial Accounting II	3
FINA-360	Principles Of Financial Management	3
1 General Elective		3
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Term Hours		15
Fourth Year		
Term 1		
ACTG-307	Auditing Theory And Problems	3
MNGT-377	Production/Operations Management	3
MNGT-379	Business Analytics	3
BLAW-380	Business Law I	3
1 General Elective Course		3
<hr/>		
Term Hours		15
Term 2		
ACTG-324	Advanced Financial Accounting IV	3
MNGT-393	Strategic Management	3
1 Accounting Elective		3
1 Accounting Elective		3
1 General Elective		3
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Term Hours		15
<hr/>		
Total Hours:		117

Major in Finance

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Finance for the Bachelor of Science Degree

Business and Management Core Courses		36
Required Courses		
FINA-362	Investment	3
FINA-366	Financial Institutions And Markets	3
FINA-371	International Financial Management	3
FINA-373	Intermediate Financial Management	3
MNGT-393	Strategic Management	3
Select three of the following:		9
FINA-363	Security Analysis	
FINA-365	Personal Financial Planning	
FINA-364	Problems In Business Finance	
FINA-367	Short-Term Financial Management	
FINA-369	Speculative Markets	
FINA-370	Option Pricing:Theory And Strategic Applications	
FINA-374	Futures Trading Strategies	
FINA-377	Real Estate Finance	
FINA-378	Introduction To Risk Management And Insurance	

ACTG-310	Federal Income Tax (Individual)
ACTG-311	Federal Income Tax (Corporate)

Total Hours 60

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
ENGL-101	Writing I	3
MATH-165	Finite Mathematics For Business And The Social Sciences	3
BLAW-109	First Year Experience: Professionalism, Ethics, Law Chicago Scandals	3
Fine Arts Course		3
Natural Science Course		3
Term Hours		15

Term 2		Hours
ENGL-102	Writing II	3
ECON-217	Principles Of Microeconomics	3
PHIL-213	Ethics	3
Fine Arts Course		3
Term Hours		12

Second Year

Term 1		Hours
ACTG-201	Introduction To Financial Accounting	3
BLAW-285	Legal Environment Of Business	3
ECON-215	Principles Of Macroeconomics	3
Humanities Course		3
Natural Science Course		3
Term Hours		15

Term 2		Hours
ACTG-202	Introduction To Managerial Accounting	3
Humanities Course		3
Natural Science Course		3
Social/Behavioral Course		3
General Elective		3
Term Hours		15

Third Year

Term 1		Hours
FINA-360	Principles Of Financial Management	3
MKTG-350	Principles Of Marketing	3
MNGT-368	Business Statistics	3
MNGT-370	Writing Intensive Program: Managing Global Business Organization	3
General Elective		3
Term Hours		15

Term 2		Hours
ABF-350	Management Information Systems	3
FINA-362	Investment	3
MNGT-377	Production/Operations Management	3
General Elective		3

General Elective		3
		<hr/>
	Term Hours	15
Fourth Year		
Term 1		
FINA-366	Financial Institutions And Markets	3
FINA-373	Intermediate Financial Management	3
MNGT-379	Business Analytics	3
Finance Elective		3
General Elective		3
		<hr/>
	Term Hours	15
Term 2		
FINA-371	International Financial Management	3
MNGT-393	Strategic Management	3
Finance Elective		3
Finance Elective		3
General Elective		3
		<hr/>
	Term Hours	15
		<hr/>
	Total Hours:	117

Master of Science in Accounting (MSA) Program

The Accounting MS Program prepares students for the changing accounting profession of the new millennium. The Accounting MS Program provides students with a balanced, rigorous, and in-depth core-course exposure that covers financial accounting, managerial accounting, auditing, income taxation, and research methodology. The Accounting MS program also exposes students to non-accounting fields so that graduates from the program can make decisions in multi-disciplinary business environments. In addition, **the program enables students to meet the 150 credit hours requirement for the CPA exam in the states which have enacted this legislation.** The program consists of curricular studies of 30 credit hours in the Accounting Core and Elective Curriculum.

Admission to the Accounting MS Program

The Accounting MS Program is open to applicants who hold a bachelor's degree from a regionally-accredited college/university or recognized international institution. Acceptance to the Accounting MS Program is contingent upon either: a bachelor's degree in Accounting from a regionally-accredited college/university or recognized international institution; or successful completion of the equivalent content of (1) BLAW 285 The Legal Environment of Business, and (2) the following five undergraduate-level accounting courses:

- ACTG 301 Cost Accounting
- ACTG 307 Auditing Theory and Problems
- ACTG 310 Federal Income Tax (Individual)
- ACTG 321 Intermediate Financial Accounting I
- ACTG 322 Intermediate Financial Accounting II

Each application is evaluated on the basis of: (1) transcripts of all prior undergraduate and graduate coursework; (2) performance on the Graduate Management Admissions Test (GMAT) or Graduate Records Exam (GRE); (3) a statement of career goals and objectives; (4) two letters of recommendation; and (5) curriculum vitae (C.V.) and any other evidence that can help the committee assess the applicant's qualifications. International applicants are required to submit a minimum Test of English as a Foreign Language (TOEFL) score of 550 on the paper-based test (or, equivalently, 213 on the computer-based test, or 79 on the internet-based test). A minimum score of 6.5 on International English Language Testing System (IELTS) is also acceptable in lieu of TOEFL. All transcripts from foreign countries must be professionally evaluated on a course-by-course basis by Educational Credential Evaluators (ECE) or World Education Services (WES).

The Accounting MS program requires an undergraduate cumulative GPA of at least 2.75 (on a 4.0 scale) and a GMAT score of at least 450 or an equivalent GRE score computed using the published GRE conversion table (generally, 149 on each part of GRE is equivalent to 450 on GMAT).

Minimum competency in Mathematics (i.e., Finite Mathematics, Business Calculus, or their equivalent) will be expected before entry into the program. Those who have not acquired appropriate mathematical skills as part of their undergraduate programs may be required by the Graduate Program Coordinator to take appropriate remedial course(s).

Admission to provisional status:

Applicants may be admitted to provisional status if their GPA is slightly below the minimum requirement as specified above, provided that the composite index score calculated following the formula below is greater than or equal to 1,000.

$$\text{Composite index score} = (\text{GPA} \times 200) + \text{GMAT score (or equivalent GMAT score in the case of GRE)}$$

Each applicant admitted to provisional status is required to obtain a letter grade of B or A in all courses in the first 9 credit hours.

Exceptions policy for GMAT/GRE:

An applicant may request a GMAT/GRE waiver during the application process, if one of the following three conditions is satisfied.

1. An advanced degree (e.g., masters or higher) from a U.S. regionally-accredited institution with a GPA of 3.5 or higher;
2. A combination of an undergraduate GPA of 3.25 or higher from a U.S. regionally-accredited institution, at least five years of management experience, and at least 7 years of working experiences in total;
3. A combination of an undergraduate GPA of 3.25 or higher from a U.S. regionally-accredited institution, and active (or current) certification of ongoing continuing education (i.e., CPA, CMA, CIA, PHR, SPHR).

If, upon review by the Admissions Committee, the applicant is considered admissible without a GMAT/GRE score, then the GMAT/GRE requirement will be waived. An applicant may also request personal interview. Note: A GMAT preparation course is available through the Office of Continuing and Professional Education (<http://www.neiu.edu/academics/college-of-business-and-management/graduate-programs-business/gmat-preparation-course>).

Course Scheduling

All graduate courses being offered are scheduled on the evenings of workdays most of the time and on Saturday occasionally. The College of Business and Management makes an effort to schedule the graduate courses by following a predictable pattern. Students are cautioned to make course choices carefully and plan well in advance so that program completion will not be delayed.

Additional information for the MSA Program can be found on the website of the College of Business and Management (<http://www.neiu.edu/academics/college-of-business-and-management>).

MS in Accounting Program Requirements

Accounting Cores --- 15 cr.

All Accounting MS students are required to take the following five core courses.

ACTG-407	Auditing Theory And Practice	3
ACTG-412	Accounting For Planning And Control	3
ACTG-421	Current Topics In Financial Accounting	3
ACTG-430	Research Methodology In Accounting	3
ACTG-440	Tax Research And Procedure	3
Total Hours		15

Accounting Electives --- 9 cr.

Each Accounting MS student is required to take three elective courses from the list below.

ACTG-406	Governmental & Not-For-Profit Accounting	3
ACTG-408	Information Technology Auditing	3
ACTG-409	Forensic And Investigative Accounting	3
ACTG-410	Seminar In Tax Planning	3
ACTG-422	Financial Statement Analysis	3
ACTG-441	Estate, Gift And Trust Taxation	3
ACTG-451	Accounting Information Systems	3
ACTG-480	Issues In International Accounting And Multinational Business Operations	3
ACTG-500	Project	3

Non-Accounting Electives --- 6 cr.

Each Accounting MS student is required to take two non-accounting elective courses from the list below.

BLAW-410	International Business Law	3
FINA-460	Financial Management	3
FINA-462	Investment Strategies	3
FINA-469	Mergers And Acquisitions	3
FINA-470	Corporate Financial Strategy	3
FINA-471	International Financial Management	3
FINA-474	Seminar On Futures And Options Markets	3
FINA-475	Management Of Financial Institutions	3
MNGT-474	Human Resources Policy And Decision Making	3
MNGT-480	Entrepreneurship	3
MNGT-481	International Management	3
MNGT-487	Strategy And Organization	3
MNGT-489	Management Of Organizational Change	3
MNGT-490	Innovation And Creativity	3
MKTG-451	Consumer Behavior And Marketing Action	3
MKTG-453	Marketing Research - Techniques And Applications	3
MKTG-456	Channel Distribution And Retailing	3
MKTG-458	Global Marketing	3

MKTG-461 Services Marketing Management 3

Managerial Competencies

Prior to enrolling in the Accounting MS cores and/or electives, students must demonstrate certain managerial competencies. This requirement can be fulfilled by completing, with an average GPA of 3.0 or higher, four graduate-level courses given below:

- COBM 401 Accounting for Managers
- COBM 402 Business Economics and Finance for Managers
- COBM 403 Topics in Management and Marketing
- COBM 404 Business Statistics and Operations Decisions for Managers

The managerial competencies can also be satisfied by having successfully completed equivalent coursework from a regionally-accredited institution. For example, the corresponding conversion table for NEIU undergraduate coursework is given below.

Graduate-Level Courses	Prior Coursework at Undergraduate Level
COBM-401 Accounting for Managers	ACTG-201 and ACTG-202
COBM-402 Business Economics and Finance for Managers	FINA-360 and ECON-215
COBM-403 Topics in Management and Marketing	MNGT-370 and MKTG-350
COBM-404 Business Statistics and Operations Decisions for Managers	MNGT-368 and MNGT-377

Minor in Accounting

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Accounting requirements

This minor provides the background for professional entry level positions in accounting.

Required Courses

ACTG-301	Cost Accounting I	3
ACTG-307	Auditing Theory And Problems	3
ACTG-310	Federal Income Tax (Individual)	3
ACTG-321	Intermediate Financial Accounting I	3
ACTG-322	Intermediate Financial Accounting II	3
Select two of the following:		6
ACTG-306	Accounting For Non-Profit Organizations	
ACTG-311	Federal Income Tax (Corporate)	
ACTG-312	Cost Accounting II	
ACTG-324	Advanced Financial Accounting IV	
ACTG-325	Contemporary Financial Accounting Issues	

Total Hours

21

Minor in Finance

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Finance requirements

This minor provides an introduction to finance for students interested in the financial aspects of organizations.

Required Courses

FINA-360	Principles Of Financial Management	3
FINA-362	Investment	3
FINA-363	Security Analysis	3
FINA-366	Financial Institutions And Markets	3
FINA-373	Intermediate Financial Management	3
Select two of the following:		6
FINA-364	Problems In Business Finance	
FINA-367	Short-Term Financial Management	
FINA-368	Financial Management Of Financial Institutions	
FINA-369	Speculative Markets	
FINA-370	Option Pricing:Theory And Strategic Applications	
FINA-371	International Financial Management	
FINA-372	Portfolio Management	
FINA-374	Futures Trading Strategies	

FINA-375	Debt Markets And Portfolio Strategies
FINA-376	Technical Analysis Of The Futures Market
FINA-377	Real Estate Finance
FINA-378	Introduction To Risk Management And Insurance
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Total Hours	21

Minor in Forensic Accounting

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Forensic Accounting

This minor provides students with basic forensic and investigative accounting knowledge and skills.

The program consists of 21 credit hours, 15 required and 6 elective, as follow:

Required Courses

ACTG-321	Intermediate Financial Accounting I	3
ACTG-307	Auditing Theory And Problems	3
ACTG-309	Foundations Of Forensic & Investigative Accounting	3
ACTG-319	Fraud Examination	3
JUST-317	White Collar Crime & Elite Deviance	3
Two courses from the following		6
ACTG-310	Federal Income Tax (Individual)	
BLAW-285	Legal Environment Of Business	
JUST-334	Criminal Law And Procedure	
CS-323	Cyberlaw	
CS-360	CyberSecurity	

Total Hours

21

Management and Marketing

Management is the art and science of managing and leading people, organizations and businesses. The central function of management is to create and maintain a productive and constructive environment for reaching organizational goals in an effective and efficient way. Majors will learn the theory and practice of management by studying organizations, entrepreneurship, production and operations management, international business and management, leadership, human resource management, management of change, and many other related topics as they pertain to the management of all sizes of organizations in both for profit and non-profit sectors. Management preparation can be applied in many areas; therefore, students majoring in this field may find jobs in a variety of industries and organizations. Examples include:

- human resource management specialists,
- production and inventory control specialists,
- quality assurance analysts,
- production planners,
- unit managers,
- retail management,
- management consulting and
- management trainees in a number of organizations.

Marketing is an essential function in any business; it deals with the strategic and tactical planning activities of organizations which develop, price, promote, and distribute goods and services aimed at meeting the needs of customers through commercial exchanges. The marketing courses are designed to provide students with a foundation of marketing theory and practice in manufacturing and service organizations in both for profit and non-profit sectors. Students majoring in marketing can choose from a variety of career areas. Examples include:

- personal selling,
 - retail management,
 - distribution planning,
 - customer service,
 - advertising/sales promotion,
 - product/brand management,
 - digital and social media marketing
 - telemarketing, and
 - franchise unit management.
- Major in General Business Administration (<http://catalog.neiu.edu/archive/2016-2017/business-management/management-marketing/general-business-administration>)
 - Major in Management (<http://catalog.neiu.edu/archive/2016-2017/business-management/management-marketing/management>)
 - Major in Marketing (<http://catalog.neiu.edu/archive/2016-2017/business-management/management-marketing/marketing>)
 - M (<http://catalog.neiu.edu/archive/2016-2017/business-management/management-marketing/minor-marketing>) inor in Entrepreneurship (<http://catalog.neiu.edu/archive/2016-2017/business-management/management-marketing/minor-entrepreneurship>)
 - Minor in International Business (<http://catalog.neiu.edu/archive/2016-2017/business-management/management-marketing/minor-international-business>)
 - Minor in Management (<http://catalog.neiu.edu/archive/2016-2017/business-management/management-marketing/minor-management>)
 - Minor in Marketing (<http://catalog.neiu.edu/archive/2016-2017/business-management/management-marketing/minor-marketing>)
 - Master of Business Administration (<http://catalog.neiu.edu/archive/2016-2017/business-management/management-marketing/master-business-administration>)

Jian Li, Ph.D., Associate Professor of Management, Chair
 Rasoul Afifi, Ph.D., Associate Professor of Management
 Deepa Anil Pillai, Ph.D., Assistant Professor of Marketing
 Michael Bedell, Ph.D., Professor of Management, Dean
 Sundaram Dorai, D.B.A., Associate Professor of Marketing
 Charles Funk, Ph.D., Associate Professor of Management
 Sung Doo Kim, Ph.D., Assistant Professor of Management
 Raja Roy, Ph.D., Assistant Professor of Management
 Suresh Singh, Ph.D., Assistant Professor of Management
 Qiumei (Jane) Xu, Ph.D., Associate Professor of Management
 Shubin Xu, Ph.D., Assistant Professor of Management
 Dilek Yunlu, Ph.D., Assistant Professor of Management

Shabnam Zanjani, Ph.D., Assistant Professor of Marketing

Management

MNGT-201. Business And The Free Enterprise System. 3 Hours.

Insight into the role of the free enterprise system in society and economy. Functions and operations of business firms are analyzed for career opportunities in business and industry. Recommended for intended business majors. Does not fulfill major or minor elective.

MNGT-354. Logistics Management. 3 Hours.

Introduction to the business logistics environment. Detailed coverage of the use of concepts and quantitative techniques in facility location, distribution, warehousing, scheduling, order processing, storage, material handling and other logistics design and operating decisions.

Prerequisite: MNGT-377 minimum grade of C.

MNGT-355. Creativity And Innovation. 3 Hours.

This course focuses on innovation and creativity from the perspectives of the organizations, teams and individual employees. Special consideration is given to the processes of creativity, the relationship between creativity and innovation, development of creativity, multiple facets of creativity, building and managing creative teams, and development of original thinking.

MNGT-368. Business Statistics. 3 Hours.

This course introduces students to both descriptive and inferential statistics as they apply to business. Its focus is on descriptive measures, probability concepts, discrete and continuous probability distributions, sampling distributions, estimation, hypothesis testing, and simple linear regression. Prereq.: MATH-165.

Prerequisite: MATH-165 minimum grade of C.

MNGT-370. Writing Intensive Program: Managing Global Business Organization. 3 Hours.

This course addresses four critical areas of the emerging management environment: globalization, diversity, leadership, and teamwork. Traditional and projected theories of organization management and organization behavior, as focused toward these four themes, are examined. Additionally, the writing intensive component of this course includes a variety of written communication activities to develop a discipline-focused writing skill.

Prerequisite: ENGL-101 minimum grade of C.

MNGT-371. Organizational Behavior. 3 Hours.

A broad survey analyzing the contributions of behavioral science to management and administration. Topics stressed are scientific method in organizational research, individual and group dimensions of organizational behavior, decision making, barriers to communication, work motivation, intergroup conflict, leadership, organizational climate and development, and analysis of power in organizations. Role playing, simulations, class exercises and case studies are used.

Prerequisite: MNGT-370 minimum grade of C.

MNGT-372. Organization Theory And Design. 3 Hours.

This course approaches the study of business organizations and their management from a macro perspective. The focus of organization theory is to study the structure and design of organizations. Students are presented with both the descriptive and prescriptive aspects of the discipline in order to provide insight into the planning and designing of organizations for effectiveness. Major topics include rational and social systems views of organizations; the social, technical, legal and economic environments of organizations; organizational characteristics such as size, technology, structure, climate and administrative philosophy; elements of organizational structure and design (authority structure); specialization; degree of centralization; policies; communication channels; and reward systems; organizational processes including goal setting; strategic planning; decision making; coordinating and controlling; and organizational survival.

Prerequisite: MNGT-370 minimum grade of C.

MNGT-373. Human Resource Management. 3 Hours.

Organization and operation of the personnel department. Role of the personnel department in the organization. Topics include task/job development (job analysis, job design, job specification, job enlargement, job enrichment, performance standards, work rules, work conditions); staffing the organization (recruitment, selection, placement, promotion, demotion, interviewing, testing); performance appraisal; training and development; compensation (wage and salary administration, supplementary benefits, incentives); collective bargaining (unionization, negotiation, grievance and arbitration); legal and other environmental issues are stressed.

Prerequisite: MNGT-370 minimum grade of C.

MNGT-374. Staffing & Selection. 3 Hours.

This course focuses on Staffing and Selection from the perspectives of the organization. Special consideration is given to the processes of Human Resource Planning, hiring, firing, the underlying legal environment, as well as ethical issues. The major topics include labor market, legal environment, HR planning, job analysis, measurement, recruiting, and selection. Prerequisites: (1) completion of at least 60 credit hours of course work, (2) completion of the eight 100-level and 200-level College of Business Management Foundation courses, each with "C" or higher, and Foundation GPA of 2.50, and (3) MNGT-370 with a "C" or higher.

Prerequisite: MNGT-370 minimum grade of C.

MNGT-375. Management And Organization Communications. 3 Hours.

Formal structures, channels and mechanism for communication within the organization and its environment. Informal process of communication within the organization. Supervisory and management roles in organizational communication. Dynamics of communication in and between organization work units. Functional roles/ perspectives affecting organizational communications. Class exercises and case studies will be used.

Prerequisite: MNGT-370 minimum grade of C.

MNGT-376. Small Business Management. 3 Hours.

Application of management concepts and techniques to the small firm. Special attention will be given to the particular nature, opportunities, needs, and problems of small manufacturing, wholesale, retail, and business service firms. Topics include comparison of similarities, differences and relations between small and large firms, issues and methods in starting a small firm (including selecting the legal mode of organization, buying an existing firm, franchising); funding; risk and venture management for small firms; the role of local, state, and federal government. Case studies and field research may be included.

Prerequisites: FINA-360 minimum grade of C and MKTG-350 minimum grade of C and MNGT-370 minimum grade of C.

MNGT-377. Production/Operations Management. 3 Hours.

This course covers subjects related to the design of production, inventory and quality control systems. In the production systems design the following topics are covered: design of products and services, capacity planning, process design, work analysis and measurement, facility location, production scheduling. In the inventory control systems design the following issues will be discussed: relation of inventory system to the other functions of organizations, cost structure, deterministic and probabilistic control models. In the quality control design the following are covered: quality concept, statistical quality control methods such as control charts, sampling etc.

Prerequisites: MNGT-368 minimum grade of C and MNGT-370 minimum grade of C.

MNGT-378. Managing Diversity In Organizations. 3 Hours.

This class addresses the issues, knowledge, theories, and applications related to managing diversity in organizations. Topics covered in this class will enhance awareness of existence of diversity at the workplace and address approaches of creation of productive diverse workforce. Class discussion will include topics such as glass ceiling effect, stereotyping process, sexual harassment, work and family conflicts, and reverse discrimination. Readings related to the implementation of diversity training programs as well as fair recruitment and selection processes will be discussed.

Prerequisite: MNGT-370 minimum grade of C.

MNGT-379. Business Analytics. 3 Hours.

This application-based course covers descriptive, predictive, as well as prescriptive analytics. It focuses on data visualization, multiple regression, data mining, linear optimization models, integer linear optimization models, simulation and decision analysis.

Prerequisite: MNGT-368 minimum grade of C.

MNGT-380. Entrepreneurship. 3 Hours.

Examination of the entrepreneurial process and the role of entrepreneurship in new ventures and small businesses, obtaining financing for new businesses; marketing, R D, and production of new products and services. Evaluation of the entrepreneurs and ways to encourage the entrepreneurial spirit in organizations of all sizes. Students will be required to write a realistic business plan.

Prerequisites: FINA-360 minimum grade of C and MKTG-350 minimum grade of C and MNGT-370 minimum grade of C.

MNGT-381. International Business And Management. 3 Hours.

This course examines the following issues: The global economic environment, corporate strategy, foreign operations of American firms and impact of foreign competition on the domestic market; organization for foreign production, marketing and finance, foreign markets, resources, institutions, managerial problems arising out of governmental relations, the cultural environment and multinational management.

Prerequisites: FINA-360 minimum grade of C and MKTG-350 minimum grade of C and MNGT-370 minimum grade of C.

MNGT-382. Internship In Management. 3 Hours.**MNGT-383. Internship In Management. 4 Hours.****MNGT-384. Internship In Management. 5 Hours.****MNGT-385. Internship In Management. 6 Hours.****MNGT-386. Independent Study In Management. 3 Hours.****MNGT-387. Independent Study In Management. 2 Hours.****MNGT-388. Independent Study In Management. 1 Hour.****MNGT-392. Business, Technology And Society. 3 Hours.**

Course deals with the environment of business. The role of technology in modern business organizations is considered as well as social change and social pressure on the business community. Other topics to be covered are the social responsibility of business; "The Social Adult" : its function in business organizations; managing modern business: changes and adaptability; technology transfer activities in modern business: the U.S. and developing countries' experiences.

Prerequisite: MNGT-370 minimum grade of C.

MNGT-393. Strategic Management. 3 Hours.

This advanced capstone course involves the study of the concepts and techniques of determining strategies and operational policies of business organizations. Primarily through the use of cases, student are exposed to theories of business policy, business environment, and the impact of different policy making scenarios on selected functions of the business organizations.

MNGT-399. Management Of Change. 3 Hours.

An advanced seminar course focusing on organizational change management by managers and employees who wish to initiate a change, are assigned responsibility to manage a change, or who are affected by change initiated by others. Major topics include: nature and dynamics of change and change management; dimensions of change; change management strategies; cycle theories; stability and change; resistance to change; the change manager as change agent or resister/defender.

Prerequisite: MNGT-370 minimum grade of C.

MNGT-401. Fundamentals Of Business Statistics. 2 Hours.

This course provides graduate students without a recent business academic background a foundation in the field of business statistics. It addresses the concepts of probability distributions and statistical inference and considers various methods of describing data, including the normal distribution. Statistical estimation, sampling and methods of testing hypotheses of means and proportions using various distributions are discussed. A brief consideration is given to quality control, analysis of variance, and linear regression.

MNGT-402. Applied Business Research. 3 Hours.

This course conveys the nature, purpose and method of applied business research for practicing managers and owner-operators and enables them to acquire research skills. Course topics include problem or project definition, data gathering, hypothesis testing, analysis of result, and developing and reporting of conclusions. Special attention is devoted to the communication process, reporting research findings at various stages, and the use of traditional and high-tech sources of business information.

Prerequisite: MNGT-401 minimum grade of C.

MNGT-403. Leadership And Organizational Behavior. 3 Hours.

This course addresses the concepts of perception, learning and motivation, and focuses on work-related attitudes and personalities of individual employees and managers. Organizational facets of stress, group dynamics and organization culture and socialization provide a foundation for the discussion of cooperation, conflict, and influence. The role of leaders and leadership upon organizational behavior and cultures is emphasized. Management communication methods and decision-making processes are considered.

MNGT-404. Productions And Operations Management. 3 Hours.

This course provides general coverage of production/operations management in organizations. Emphasis is placed on the application of the POM concepts to both goods and service organizations. The information presented is beneficial to students majoring in all of the business administration functional areas. The course covers production scheduling, materials management, facilities planning and layout, material productivity and quality control. Forecasting, scheduling, inventory and distributed modeling are discussed. Statistical process control is also presented.

Prerequisites: MATH-111 minimum grade of C and MNGT-401 minimum grade of C.

MNGT-474. Human Resources Policy And Decision Making. 3 Hours.

This course addresses personnel policy formulation and implementation. Consideration is given to human resources planning, staffing, development and placement issues in the context of legal and collective bargaining constraints. A review of topical issues such as employment-at-will, drug testing, honesty in the workplace and other special topics is provided.

MNGT-480. Entrepreneurship. 3 Hours.

This course focuses on the initiation of new business ventures as contrasted with the management of on-going enterprises. Topics covered include the characteristics of successful entrepreneurs, methods of identifying market opportunities, appraising market potential, determining startup costs of acceptable purchase price, legal aspects of organization or acquisition, raising venture, capital, initial capital structure, selection of the board of directors and key managers, allocation of control among involved parties, and method of rewarding entrepreneurs and key managers. Cases, readings and some outside speakers will be used. The major emphasis, however, will be on the evaluation of prospective "real world" ventures.

MNGT-481. International Management. 3 Hours.

This course examines the salient features of decision-making and management practices in multinational firms. Particular attention is given to organizational planning and control functions, and to problems encountered by managers as they interact with host governments and institutions. Linkages between certain cultural factors and features of the managerial climate are also examined.

MNGT-487. Strategy And Organization. 3 Hours.

This course serves to integrate preceding courses through the study of strategy to integrate preceding courses through the study of strategy formulation and implementation functions and responsibilities of top-level management. The topics addressed include the concept of corporate strategy, the strategic planning and resource allocation, the design of formal organizational structure, management control systems, reward and sanction systems, the selection and training of key personnel and the leadership role of the chief executive officer. Cases and readings are drawn from a variety of types of organizations.

MNGT-489. Management Of Organizational Change. 3 Hours.

This course explores the concept of successful management of organizational and behavioral change, focusing on both "planned" and "unplanned" changes and emphasizing the development of change strategies and measurement of change effectiveness. Included will be group laboratory work using video tape systems. Attention will also be given in response to external (e.g., social) changes. Opportunities exist for field work in various institutional contexts.

MNGT-490. Innovation And Creativity. 3 Hours.

This course focuses on innovation and creativity from the perspectives of the organization and individual employees. Special consideration is given to the processes of creativity, the relationship between creativity and innovation, development of creativity, and multiple facets of creativity. Within these major emphases, topics include definition of creativity, inhibitors and activators of creativity in individuals, teams, and organizations, idea creation and evaluation, building and managing creative teams.

MNGT-498. International Business. 3 Hours.

This course examines the cultural, social, political and economic factors which underlie certain business practices in foreign countries. Depending upon the expertise and preference of the instructor, the course may focus upon a few primary geographical areas (e.g., Eastern Europe, Far East) intensively, or it may present a wide array of cultural environments in survey fashion.

MNGT-500. Project. 3 Hours.

Approval of major advisor is necessary.

MNGT-501. Thesis. 3 Hours.

Approval of major advisor is necessary.

MNGT-502. Business Policy And Strategy. 3 Hours.

This course focuses upon strategy formulation and implementation at the highest level of organizations. Methods of obtaining resources and creating systems, structures and policies needed to attain strategic goals are addressed, as is the critical role of the chief executive officer (CEO) or the owner-operation of smaller entities. The common body of knowledge acquired from other graduate business courses is integrated and applied to policy and strategy issues or practices within a wide range of organizational frameworks, including multinational corporations, small-to-medium-sized enterprises (SMEs), and sole proprietorship. The case method of instruction is emphasized.

Marketing

MKTG-350. Principles Of Marketing. 3 Hours.

This course provides a comprehensive overview of the marketing process by explaining its role in business and society. Major topics include market segmentation and research, purchasing behavior in the consumer and industrial markets, a careful analysis of the marketing mix (product, price, distribution and promotion) and the planning and evaluation of the overall marketing effort.

Prerequisite: ECON-217 minimum grade of C.

MKTG-351. Consumer Behavior. 3 Hours.

This course examines: the buyer as a problem solver; buying decision processes; sociological and psychological factors affecting buyer behavior; and consumer behavior models. The course shows how consumer behavior concepts are used in the formulation of the firm's marketing strategy.

Prerequisite: MKTG-350 minimum grade of C.

MKTG-352. Integrated Marketing Communication. 3 Hours.

This course provides an overview of the planning, execution, and evaluation of integrated marketing communication programs. Topics covered include creative and media strategies, budgeting, evaluation, and the roles of individual components of the communications mix, such as advertising, sales promotion, internet and interactive media, and direct marketing. Prereq.: MKTG-350.

Prerequisite: MKTG-350 minimum grade of C.

MKTG-353. Marketing Research. 3 Hours.

An investigation of the research necessary for the formulation of marketing policies. Topics include research design; sampling; and statistical analysis.

Prerequisites: MKTG-350 minimum grade of C and MNGT-368 minimum grade of C.

MKTG-354. Personal Selling. 3 Hours.

Introduction to the rationale and methods for effective person-to-person communications in the marketing of products, services and ideas. Application of the marketing concept of the personal selling process and development of customer relationships. Course makes use of in-class presentations and role-playing.

Prerequisite: MKTG-350 minimum grade of C.

MKTG-355. Digital Marketing. 3 Hours.

This course provides an introduction to digital marketing. This course examines the integration of Internet, digital media, and interactive technologies in marketing strategy to leverage the impact of marketing mix. Current digital marketing driven applications for customer acquisition, retention, and management in e-business will be examined. Prereq.: MKTG-350 or consent of instructor.

Prerequisite: MKTG-350 minimum grade of C.

MKTG-356. Retail Management. 3 Hours.

The various marketing activities involved in managing the retail enterprise are examined individually and as a part of the overall retail system. Emphasis is placed upon technological changes and upon factors determining store location, merchandise management, organization purchasing and competition in the retail environment.

Prerequisite: MKTG-350 minimum grade of C.

MKTG-357. Sales Management. 3 Hours.

This course exposes students to the roles of professional sales people in the marketing system. It focuses on the development of essential selling skills and the management of sales people.

Prerequisite: MKTG-350 minimum grade of C.

MKTG-358. International Marketing. 3 Hours.

This course examines the special problems of marketing in an international setting. Reasons for international expansion, both historically and in the present, are discussed. The cultural, political and legal environments for international marketing are examined. Problems of product, promotion, price, physical distribution, and organization on an international scale are also examined.

Prerequisite: MKTG-350 minimum grade of C.

MKTG-359. Marketing Management. 3 Hours.

A capstone course designed to stress the managerial aspects of marketing. Consideration of product, pricing, distribution, promotion and organization design are related through student projects to the development of the firm's marketing strategy.

Prerequisites: ACTG-201 minimum grade of C and MKTG-350 minimum grade of C.

MKTG-360. Marketing Channels. 3 Hours.

This course is designed to prepare future managers to successfully handle the interrelationships among manufacturers, wholesalers, retailers and consumers. Topics covered include analysis of marketing channel structures, development of channel strategy and management of marketing channels. The course will emphasize how to plan, organize and control the economic, political and social relationships among institutions and agencies to make certain that products and service are available for use or consumption by industrial, commercial and household consumers.

Prerequisite: MKTG-350 minimum grade of C.

MKTG-361. Social Media Marketing. 3 Hours.

This course provides an overview of the core strategies used by companies to leverage the marketing power of social media. Through integration of concepts from marketing, communications, sociology, and web analytics, students will learn how to develop a social media plan and implement a persuasive social media campaign. Students will learn a variety of techniques and strategies for monitoring user behavior on social media platforms, with an emphasis on applying the analytical concepts and tools of marketing for business decisions.

Prerequisite: MKTG-350 minimum grade of C.

MKTG-382. Internship In Marketing. 3 Hours.**MKTG-383. Internship In Marketing. 4 Hours.****MKTG-384. Internship In Marketing. 5 Hours.****MKTG-385. Internship In Marketing. 6 Hours.****MKTG-389. Independent Study In Marketing. 3 Hours.****MKTG-390. Independent Study In Marketing. 2 Hours.****MKTG-391. Independent Study In Marketing. 1 Hour.****MKTG-402. Marketing Management. 3 Hours.**

This course focuses on the techniques of management as applied to the functional areas of marketing.

MKTG-451. Consumer Behavior And Marketing Action. 3 Hours.

This course focuses in analyzing demand, identifying market segments and predicting customer response to alternative marketing strategies using concepts from the behavioral sciences.

Prerequisite: MKTG-402 minimum grade of C or MKTG-450 minimum grade of C.

MKTG-453. Marketing Research - Techniques And Applications. 3 Hours.

This course explores different approaches to planning, collecting, analyzing and communicating information from the marketplace, including techniques and applications for specific marketing areas.

Prerequisites: (MKTG-402 minimum grade of C or MKTG-450 minimum grade of C) and MNGT-368 minimum grade of C.

MKTG-454. Digital Marketing Strategy. 3 Hours.

This course introduces students to strategy and tactics in digital marketing in the context of a company's overall marketing strategy. Topics covered include an overview of existing and emerging digital trends, consumer experience in the cross-channel context, digital branding and positioning, and best practices in digital marketing strategy.

Prerequisite: MKTG-402 minimum grade of C.

MKTG-456. Channel Distribution And Retailing. 3 Hours.

This course provides for the study of retailing as an integral part of the economic system and examines retailing from both the manufacturer's perspective and consumer's perspective. It focuses on management and behavioral theories.

Prerequisite: MKTG-402 minimum grade of C or MKTG-450 minimum grade of C.

MKTG-458. Global Marketing. 3 Hours.

This course focuses on identifying and analyzing worldwide marketing opportunities and generating strategies for overseas marketing, and explores the impact of environmental differences on marketing strategies and customer response.

Prerequisite: MKTG-402 minimum grade of C or MKTG-450 minimum grade of C.

MKTG-461. Services Marketing Management. 3 Hours.

Perspectives on managing the distinctive aspects of services as opposed to the marketing and buying of physical goods. The course examines ways in which various kinds of services differ from tangible goods and from each other along social and technological dimensions. Topics include services value creation, services marketing strategies, management of service production and quality and means for balancing supply and demand for services.

Prerequisite: MKTG-402 minimum grade of C or MKTG-450 minimum grade of C.

MKTG-500. Project. 3 Hours.

Approval of major advisor is necessary.

MKTG-501. Thesis. 3 Hours.

Approval of major advisor is necessary.

Major in General Business Administration

The **General Business Administration program** trains business generalists. While General Business majors learn about different functional areas of business, including Management, Marketing, Accounting and Finance, they do not specialize in any particular area. This program is most suitable for those students who may not have strong interest in any particular area of business, and who may wish to start or work in a small or medium-sized enterprise where employees and managers will be required to exhibit a broad range of business competencies. Students can qualify for a variety of jobs in many sectors of business because of their broad based preparation in general business. This preparation is especially suitable for those who want to become entrepreneurs and interested in starting or managing small to medium-sized businesses. The General Business Administration major has two options.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Option I-Business Administration for Second Majors

This program is designed for students who wish to combine coursework in a non-business discipline with a solid foundation in business administration. Students with an interest in International Business may use this option in conjunction with a major in the Foreign Languages Department. Other combinations of double majors with this option are possible, such as Computer Science, Anthropology, and Political Science. Students in this option must fulfill the complete College of Business Core Curriculum, along with twelve other credit hours in Business. An outline of this option is as follows:

Required Courses

Business and Management Core Courses		36
MNGT-393	Strategic Management	3
MKTG-358	International Marketing	3
or MNGT-381	International Business And Management	
Approved Elective		

Choose two courses from one area Management, Marketing, Finance, Accounting	6
Total Hours	48

Option II-General Business Administration

This program is designed for students completing General Business as a primary (first or only) major. It offers a broad, interdisciplinary orientation to modern business theory and practice. Students in this option must fulfill the complete College of Business Core Curriculum, along with twenty-four other credit hours in Business. An outline of this option is as follows:

Business and Management Core Courses	36
Required Courses:	
MNGT-393 Strategic Management	3
Select one 300-Level Course from each of the following business disciplines (beyond the Core): ¹	12
Accounting	
Finance	
Marketing	
Management	
Select three 300-Level Business Courses from any combination of business disciplines ¹	9
Total Hours	60

¹ Excludes MNGT-393, ACTG-300, BLAW-380, BLAW-381 and 300-level Core Courses.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1	Hours
ENGL-101	Writing I 3
MATH-165	Finite Mathematics For Business And The Social Sciences 3
BLAW-109	First Year Experience: Professionalism, Ethics, Law Chicago Scandals 3
Natural Science Course	3
Fine Arts Course	3
	Term Hours 15
Term 2	Hours
ENGL-102	Writing II 3
ECON-217	Principles Of Microeconomics 3
PHIL-213	Ethics 3
Fine Arts Course	3
	Term Hours 12

Second Year

Term 1	Hours
ACTG-201	Introduction To Financial Accounting 3
BLAW-285	Legal Environment Of Business 3
ECON-215	Principles Of Macroeconomics 3
Humanities Course	3
Natural Science Course	3
	Term Hours 15
Term 2	Hours
ACTG-202	Introduction To Managerial Accounting 3
Humanities Course	3
Natural Science Course	3
Social/Behavioral Science Course	3

General Elective		3
	Term Hours	15
Third Year		
Term 1		
FINA-360	Principles Of Financial Management	3
MKTG-350	Principles Of Marketing	3
MNGT-368	Business Statistics	3
MNGT-370	Writing Intensive Program: Managing Global Business Organization	3
General Elective		3
	Term Hours	15
Term 2		
ABF-350	Management Information Systems	3
MNGT-377	Production/Operations Management	3
ACTG, FINA, MKTG, or MNGT Course		3
ACTG, FINA, MKTG, or MNGT Course		3
General Elective		3
	Term Hours	15
Fourth Year		
Term 1		
MNGT-379	Business Analytics	3
ACTG, FINA, MKTG, or MNGT Course		3
ACTG, FINA, MKTG, or MNGT Course		3
General Elective		3
General Elective		3
	Term Hours	15
Term 2		
MNGT-393	Strategic Management	3
ACTG, FINA, MKTG, or MNGT Course		3
ACTG, FINA, MKTG, or MNGT Course		3
ACTG, FINA, MKTG, or MNGT Course		3
General Elective		3
	Term Hours	15
	Total Hours:	117

Major in Management

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Management for the Bachelor of Science Degree

Required Courses

Business and Management Core Courses	36
MNGT-371 Organizational Behavior	3
MNGT-372 Organization Theory And Design	3
MNGT-381 International Business And Management	3
MNGT-393 Strategic Management	3
Select four of the following:	12
MNGT-354 Logistics Management	
MNGT-373 Human Resource Management	
MNGT-375 Management And Organization Communications	
MNGT-376 Small Business Management	
MNGT-378 Managing Diversity In Organizations	
MNGT-380 Entrepreneurship	
MNGT-392 Business, Technology And Society	
MNGT-399 Management Of Change	
MKTG-353 Marketing Research ¹	

MKTG-354	Personal Selling ¹	
MKTG-357	Sales Management ¹	
MKTG-360	Marketing Channels ¹	
Total Hours		60

¹ Up to two non-Management courses, can be applied as electives towards the Major in Management for the Bachelor of Science Degree.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
ENGL-101	Writing I	3
MATH-165	Finite Mathematics For Business And The Social Sciences	3
BLAW-109	First Year Experience: Professionalism, Ethics, Law Chicago Scandals	3
Fine Arts Course		3
Natural Science Course		3
Term Hours		15

Term 2		Hours
ENGL-102	Writing II	3
ECON-217	Principles Of Microeconomics	3
PHIL-213	Ethics	3
Fine Arts Course		3
Term Hours		12

Second Year

Term 1		Hours
ACTG-201	Introduction To Financial Accounting	3
BLAW-285	Legal Environment Of Business	3
ECON-215	Principles Of Macroeconomics	3
Humanities Course		3
Natural Science Course		3
Term Hours		15

Term 2		Hours
ACTG-202	Introduction To Managerial Accounting	3
Humanities Course		3
Natural Science Course		3
Social/Behavioral Science Course		3
General Elective		3
Term Hours		15

Third Year

Term 1		Hours
FINA-360	Principles Of Financial Management	3
MKTG-350	Principles Of Marketing	3
MNGT-368	Business Statistics	3
MNGT-370	Writing Intensive Program: Managing Global Business Organization	3
General Elective		3
Term Hours		15

Term 2		Hours
ABF-350	Management Information Systems	3
MNGT-371	Organizational Behavior	3

MNGT-372	Organization Theory And Design	3
General Elective		3
General Elective		3
		<hr/>
		Term Hours 15
Fourth Year		
Term 1		
MNGT-377	Production/Operations Management	3
MNGT-381	International Business And Management	3
Management Elective		3
Management Elective		3
General Elective		3
		<hr/>
		Term Hours 15
Term 2		
MNGT-379	Business Analytics	3
MNGT-393	Strategic Management	3
Management Elective		3
Management Elective		3
General Elective		3
		<hr/>
		Term Hours 15
		<hr/>
		Total Hours: 117

Major in Marketing

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Marketing for the Bachelor of Science Degree

Required Courses

Business and Management Core Courses	36
MKTG-351 Consumer Behavior	3
MKTG-353 Marketing Research	3
MKTG-358 International Marketing	3
MKTG-359 Marketing Management	3
MNGT-393 Strategic Management	3
Select three of the following:	9
MKTG-352 Integrated Marketing Communication	
MKTG-354 Personal Selling	
MKTG-355 Digital Marketing	
MKTG-356 Retail Management	
MKTG-357 Sales Management	
MKTG-360 Marketing Channels	
MNGT-378 Managing Diversity In Organizations ¹	
MNGT-354 Logistics Management ¹	

MNGT-380	Entrepreneurship ¹	
MNGT-399	Management Of Change ¹	
Total Hours		60

¹ Up to two non-Marketing courses can be applied as electives towards the Major in Marketing for the Bachelor of Science Degree.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year		Hours
Term 1		
ENGL-101	Writing I	3
MATH-165	Finite Mathematics For Business And The Social Sciences	3
BLAW-109	First Year Experience: Professionalism, Ethics, Law Chicago Scandals	3
Fine Arts Course		3
Natural Science Course		3
		Term Hours
		15
Term 2		
ENGL-102	Writing II	3
ECON-217	Principles Of Microeconomics	3
PHIL-213	Ethics	3
Fine Arts Course		3
		Term Hours
		12
Second Year		
Term 1		
ACTG-201	Introduction To Financial Accounting	3
BLAW-285	Legal Environment Of Business	3
ECON-215	Principles Of Macroeconomics	3
Humanities Course		3
Natural Science Course		3
		Term Hours
		15
Term 2		
ACTG-202	Introduction To Managerial Accounting	3
Humanities Course		3
Natural Science Course		3
Social/Behavioral Science Course		3
General Elective		3
		Term Hours
		15
Third Year		
Term 1		
FINA-360	Principles Of Financial Management	3
MKTG-350	Principles Of Marketing	3
MNGT-368	Business Statistics	3
MNGT-370	Writing Intensive Program: Managing Global Business Organization	3
General Elective		3
		Term Hours
		15
Term 2		
ABF-350	Management Information Systems	3
MKTG-351	Consumer Behavior	3
MKTG-358	International Marketing	3

General Elective		3
General Elective		3
		Term Hours
		15
Fourth Year		
Term 1		
MKTG-353	Marketing Research	3
MNGT-377	Production/Operations Management	3
MNGT-379	Business Analytics	3
Marketing Elective		3
General Elective		3
		Term Hours
		15
Term 2		
MKTG-359	Marketing Management	3
MNGT-393	Strategic Management	3
Marketing Elective		3
Marketing Elective		3
General Elective		3
		Term Hours
		15
		Total Hours:
		117

Master of Business Administration (MBA) Program

The MBA Program provides students with a broad knowledge base in the area of business and management which will prepare them for mid- and upper-level positions in both the private and public sectors, including the manufacturing, service, financial, institutional, and government fields. The MBA Program offers a challenging and practical orientation to the complexities of modern business management and to the tools necessary for business decision-making. It consists of curricular studies of 33 credit hours in the Business Core and Elective Curriculum.

Admission to the MBA Program

The MBA Program is open to applicants who hold a bachelor's degree from a regionally-accredited college/university or recognized international institution. Each application is evaluated on the basis of: (1) transcripts of all prior undergraduate and graduate coursework; (2) performance on the Graduate Management Admissions Test (GMAT) or Graduate Records Exam (GRE); (3) a statement of career goals and objectives; (4) two letters of recommendation; and (5) curriculum vitae (C.V.) and any other evidence that can help the committee assess the applicant's qualifications. International applicants are required to submit a minimum Test of English as a Foreign Language (TOEFL) score of 550 on the paper-based test (or, equivalently, 213 on the computer-based test, or 79 on the internet-based test). A minimum score of 6.5 on International English Language Testing System (IELTS) is also acceptable in lieu of TOEFL. All transcripts from foreign countries must be professionally evaluated on a course-by-course basis by Educational Credential Evaluators (<https://www.ece.org>) (ECE) or World Education Services (<https://www.wes.org>) (WES).

The MBA program requires an undergraduate cumulative GPA of at least 2.75 (on a 4.0 scale) and a GMAT score of at least 450 or an equivalent GRE score computed using the published GRE conversion table (generally, 149 on each part of GRE is equivalent to 450 on GMAT).

Minimum competency in Mathematics (i.e., Finite Mathematics, Business Calculus, or their equivalent) will be expected before entry into the program. Those who have not acquired appropriate mathematical skills as part of their undergraduate programs may be required by the Graduate Program Coordinator to take appropriate remedial course(s).

Admission to provisional status:

Applicants may be admitted to provisional status if their GPA or GMAT/GRE score is slightly lower than the minimum requirement as specified above, provided that the composite index score calculated following the formula below is greater than or equal to 1,000.

$$\text{Composite index score} = (\text{GPA} \times 200) + \text{GMAT score (or equivalent GMAT score in the case of GRE)}$$

Each applicant admitted to provisional status is required to obtain a letter grade of B or A in all courses in the first 9 credit hours.

Exceptions policy for GMAT/GRE:

An applicant may request a GMAT/GRE waiver during the application process, if one of the following three conditions is satisfied.

1. An advanced degree (e.g., masters or higher) from a U.S. regionally-accredited institution with a GPA of 3.5 or higher;
2. A combination of an undergraduate GPA of 3.25 or higher from a U.S. regionally-accredited institution, at least five years of management experience, and at least 7 years of working experiences in total;
3. A combination of an undergraduate GPA of 3.25 or higher from a U.S. regionally-accredited institution, and active (or current) certification of ongoing continuing education (i.e., CPA, CMA, CIA, PHR, SPHR).

If, upon review by the Admissions Committee, the applicant is considered admissible without a GMAT/GRE score, then the GMAT/GRE requirement will be waived. An applicant may also request personal interview. Note: A GMAT preparation course is available through the Office of Continuing and Professional Education (<http://www.neiu.edu/academics/college-of-business-and-management/graduate-programs-business/gmat-preparation-course>) (CAPE).

Course Scheduling

All graduate courses being offered are scheduled on the evenings of workdays most of the time and on Saturday occasionally. The College of Business and Management makes an effort to schedule the graduate courses by following a predictable pattern. Students are cautioned to make course choices carefully and plan well in advance so that program completion will not be delayed.

Additional information for the MBA Program can be found on the website of the College of Business and Management (<http://www.neiu.edu/academics/college-of-business-and-management>).

MBA Program Requirements

Cores and Capstone --- 24 cr.

All MBA students are required to finish the following **EIGHT** courses.

ACTG-402	Managerial Accounting	3
FINA-402	Issues In Corporate Finance	3
MKTG-402	Marketing Management	3
MNGT-402	Applied Business Research	3
MNGT-403	Leadership And Organizational Behavior	3
MNGT-404	Productions And Operations Management	3
MNGT-502	Business Policy And Strategy	3
Total Hours		24

Electives --- 9 cr.

Each MBA student is required to take **THREE** elective courses from the list below.

ACTG-406	Governmental & Not-For-Profit Accounting	3
ACTG-407	Auditing Theory And Practice	3
ACTG-408	Information Technology Auditing	3
ACTG-409	Forensic And Investigative Accounting	3
ACTG-412	Accounting For Planning And Control	3
ACTG-421	Current Topics In Financial Accounting	3
ACTG-422	Financial Statement Analysis	3
ACTG-430	Research Methodology In Accounting	3
ACTG-440	Tax Research And Procedure	3
ACTG-441	Estate, Gift And Trust Taxation	3
ACTG-451	Accounting Information Systems	3
ACTG-480	Issues In International Accounting And Multinational Business Operations	3
BLAW-410	International Business Law	3
FINA-460	Financial Management	3
FINA-462	Investment Strategies	3
FINA-469	Mergers And Acquisitions	3
FINA-470	Corporate Financial Strategy	3
FINA-471	International Financial Management	3
FINA-474	Seminar On Futures And Options Markets	3
FINA-475	Management Of Financial Institutions	3
MNGT-474	Human Resources Policy And Decision Making	3
MNGT-480	Entrepreneurship	3
MNGT-481	International Management	3
MNGT-487	Strategy And Organization	3
MNGT-489	Management Of Organizational Change	3
MNGT-490	Innovation And Creativity	3
MNGT-498	International Business	3
MKTG-451	Consumer Behavior And Marketing Action	3
MKTG-453	Marketing Research - Techniques And Applications	3
MKTG-456	Channel Distribution And Retailing	3
MKTG-458	Global Marketing	3
MKTG-461	Services Marketing Management	3

Managerial Competencies

Prior to enrolling in MBA cores and/or electives, students must demonstrate certain managerial competencies. This requirement can be fulfilled by completing, with an average GPA of 3.0 or higher, four graduate-level courses given below:

- COBM 401 Accounting for Managers
- COBM 402 Business Economics and Finance for Managers
- COBM 403 Topics in Management and Marketing
- COBM 404 Business Statistics and Operations Decisions for Managers

The managerial competencies can also be satisfied by having successfully completed equivalent coursework from a regionally-accredited institution. For example, the corresponding conversion table for NEIU undergraduate coursework is given below.

Graduate-Level Courses	Prior Coursework at Undergraduate Level
COBM-401 Accounting for Managers	ACTG-201 and ACTG-202
COBM-402 Business Economics and Finance for Managers	FINA-360 and ECON-215
COBM-403 Topics in Management and Marketing	MNGT-370 and MKTG-350
COBM-404 Business Statistics and Operations Decisions for Managers	MNGT-368 and MNGT-377

Minor in Entrepreneurship

Minor in Entrepreneurship

This minor is designed to develop entrepreneurial skills for business majors interested in the entrepreneurial activities in start#up and corporate organizations.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Entrepreneurship requirements

Required courses:

MNGT-355	Creativity And Innovation	3
MNGT-380	Entrepreneurship	3
BLAW-383	Legal Aspects Of Entrepreneurship	3

Two of the following courses:

MKTG-359	Marketing Management	6
FINA-380	Entrepreneurial Finance	
MKTG-355	Digital Marketing	
MNGT-376	Small Business Management	
MKTG-353	Marketing Research	

Total Hours

15

2 *Minor in Entrepreneurship*

Courses applied to this minor can not be applied to other majors and minors.

Minor in International Business

The International Business Minor is intended for any student who is interested in enhancing his or her business and management skills for working in an increasingly complex global business environment.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Total Credits for International Business Minor

Required Courses ^{1,2}

MKTG-358	International Marketing	3
FINA-371	International Financial Management	3
MNGT-381	International Business And Management	3
ECON-321	International Monetary Theory & Relations	3
or ECON-322	International Economics	
Electives		
Select three of the following:		9
Courses in Study Abroad Program (maximum 9 cr.) ³		
MNGT-378	Managing Diversity In Organizations	
ECON-321	International Monetary Theory & Relations (One must be taken as a required course and the other one may be taken as an elective)	
or ECON-322	International Economics	

Other courses approved by department chairperson.

Total Hours

21

- 1 One of these courses may be taken as part of the Study Abroad Program with the written approval of department chair.
- 2 Business Majors must substitute approved elective courses for any course required in their majors
- 3 written approval of department chair is required

Note- Interested students should contact the chairperson for appropriate course selection.

Minor in Management

This minor is designed for students interested in entry-level management positions and/or general managerial careers in business organizations.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Management requirements

Required Courses

MNGT-370	Writing Intensive Program: Managing Global Business Organization	3
MNGT-371	Organizational Behavior	3
MNGT-372	Organization Theory And Design	3
MNGT-373	Human Resource Management	3
Three additional management electives ¹		9
Total Hours		21

¹ See the list of Management Electives under the Management Major.

Minor in Marketing

This program is for students interested in a marketing minor to complement a major discipline such as another field of business, psychology, foreign language, computer science, etc.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Marketing requirements

Required Courses

MKTG-350	Principles Of Marketing	3
MKTG-351	Consumer Behavior	3
MKTG-359	Marketing Management	3
MKTG-352 or MKTG-357	Integrated Marketing Communication Sales Management	3
Select three of the following:		9
MKTG-352	Integrated Marketing Communication ¹	
MKTG-353	Marketing Research	
MKTG-354	Personal Selling	
MKTG-356	Retail Management	
MKTG-357	Sales Management ¹	
MKTG-358	International Marketing	

¹ Can only count once in Marketing minor.

Daniel L. Goodwin College of Education

Sandra Beyda, Ph.D., Professor, Acting Dean

Alberto López-Carrasquillo, Ph.D., Associate Professor, Associate Dean

The faculty and staff of the Goodwin College of Education of Northeastern Illinois University are dedicated to excellence and innovation in education. Serving the Chicago metropolitan area, we seek to make our teaching, research, and service efforts responsive to the needs and aspirations of a diverse student body and community. The theories of our conceptual framework are reflective, collaborative, and transformative, and guide the preparation of all educators. The Goodwin College of Education, as a fundamental component of a comprehensive public urban university, dedicates itself to becoming nationally recognized:

1. In developing professionals who will teach, train, consult, and counsel; in becoming leaders who facilitate learning, scholarship and creativity throughout life;
2. In developing, applying and disseminating research that results in new knowledge, improved practice and greater levels of achievement by instructors, learners, families, communities and organizations; and
3. By strengthening a commitment to serve schools, communities, business, industry and the professions.

To accomplish our mission, we pursue collaborative and systematic strategies that will continue to improve our teaching, learning, research, and service. We seek to utilize our location in the Chicago metropolitan area as a base upon which we will build and support teams and alliances within the university, and in all appropriate areas outside the university.

The Goodwin College of Education takes an all-university approach, requiring its candidates to have a well- rounded general education in the liberal arts, thorough training in professional education courses, and extensive school-community clinical experiences. Candidates completing teacher preparation programs receive entitlement to licensure from the Illinois State Board of Education. Occasionally, state requirements for various endorsements may change. Consult the Program Advisor regarding licensure and endorsement requirements.

The summary pass rate for Northeastern Illinois University of Test of Academic Proficiency (formerly Basic Skills) and the Academic Content Area Tests is 97%. Additional information on test performance of NEIU program completers is available in the Goodwin College of Education office of the Dean.

Candidates with degrees may complete an approved teacher preparation program through a Teacher Licensure Program (TLP) or Focus Program. Information for degree candidates is available from the Program Advisor.

Accreditation and Approval

In 2012, the National Council for Accreditation of Teacher Education (NCATE) conducted a thorough on-site evaluation of the Goodwin College of Education and awarded full accreditation in the Goodwin College of Education.

In 2012, the State Educator Preparation and Licensure Board (SEPLB), after extensive evaluation of all Goodwin College of Education licensure programs as part of the State Board's Fifth Year Review, found Northeastern Illinois University in compliance with all standards. In 2014, the Illinois State Board of Education (ISBE) found that all licensure programs have met the State requirements. As a result, Northeastern has full approval for all of its undergraduate and graduate licensure programs for teachers, administrators, and school service personnel. These licensure programs are:

- **Early Childhood Education (Birth - Grade 3)**
- **Administrative (PK-12)**
(Graduate level only)
 - Principal
 - Teacher Leader
- **Elementary Education (1-6)**
 - Self-Contained General Elementary Education
 - Self-Contained General Elementary Education with Bilingual Endorsement
- **Literacy Education (Reading Specialist) (K-12)**
(Graduate level only)
- **Secondary Education (6-12)**
 - Science: Biology (9-12)
 - English Language Arts (9-12)
 - Health Education (9-12)
 - Social Science: History (9-12)
 - Mathematics (9-12)
- **K-12 Programs**

- Visual Arts
- Music Education
- Physical Education
- Foreign Language Spanish
- **Special Education (PK-Age 21)**
 - Learning Behavior Specialist I (LBS I)
 - Learning Behavior Specialist (LBS II)
 - Behavior Intervention Specialist
 - Curriculum Adaptation Specialist
 - Gifted Education Specialist (PK-12)
- **School Support Personnel (PK-Age 21)**
(Graduate level only)
 - Guidance and Counseling - School
 - Guidance and Counseling - Community
 - Guidance and Counseling - Rehabilitation

Undergraduate Majors

- Bilingual Education
- Community Health
- Early Childhood Education
- Elementary Education
- Health - Secondary Education
- Human Resource Development¹
- Inner City Studies¹
- Physical Education
- Secondary Education (Major in the Discipline)
- Special Education

¹ In order to graduate, majors not seeking licensure must complete all the requirements for their academic programs and be admitted to the College of Education.

Undergraduate Minors

The Goodwin College of Education offers minor programs which supplement other academic programs offered at Northeastern. These minors include the following:

Educational Foundations

- Educational Studies

Health, Physical Education, Recreation, and Athletics

- Health Education
- Physical Education

Inner City Studies

- Inner City Careers

Graduate Programs

The Goodwin College of Education offers the following graduate programs:

Master of Arts in (MA):

- Educational Leadership:
 - School Leadership
 - Higher Education (*Next cohort will begin Spring 2017*)
- Community and Teacher Leader
- Family Counseling

- Counseling:
 - Clinical Mental Health Counseling
 - Rehabilitation Counseling
 - School Counseling
- Human Resource Development
- Inner City Studies
- Literacy Education
- Gifted Education
- Special Education
 - Learning Behavior Specialist I (LBS I)
- Teaching: Early Childhood Education
- Teaching: Language Arts
 - Elementary Education
 - Secondary Education

Master of Science in (MS):

- Special Education (LBS II):
 - Behavior Intervention Specialist (BIS)
 - Curriculum Adaptation Specialist (CAS)
 - Combined BIS-CAS
- Instruction: Language Arts
- Exercise Science:
 - Fitness & Wellness
 - Human Performance
- Teaching and Inquiry

Advisement

Undergraduate Programs

The University Advisement Center (<http://neiu.edu/academics/advising-center>) advises freshman and sophomores who have not yet declared a major. Students who are interested in becoming teachers should seek guidance from one of the Goodwin College of Education advisors according to the program they are interested in applying. Please, see further information on the Undergraduate Goodwin College of Education Advisors List (<http://neiu.edu/academics/college-of-education/program-advisors-college-education/contact-us>).

Graduate Programs

Students who are interested in graduate programs please see further information on the Graduate Advisors List (<http://neiu.edu/academics/college-of-education/college-education-advisors/contact-us>).

General Considerations for Those Taking Course Work, Seeking Admission and Retention in the Goodwin College of Education

The following apply to candidates completing coursework in the Goodwin College of Education seeking admission and after admission to the college:

- Candidates may not enroll in any required professional education course more than twice to achieve an acceptable grade.
- The Admissions, Retention, and Appeals Committee of the Goodwin College of Education may request an interview with any candidate or have any candidate meet with the respective Department Professional Standards Committee. The continuation, admission, retention, or graduation of that candidate may be withheld until the candidate complies, and the committee takes appropriate action relative to the candidate's status.
- Candidates may be required to take examinations or submit other documentation specific to the particular program and discipline in which they are enrolled or seeking enrollment.
- Programs may impose time limitations on candidates completing programs. If candidates do not meet time limitations, they may have to retake some courses.
- Evidence of specific behaviors and/or dispositions which would be likely to interfere with satisfactory performance as a teacher or professional within the field may be considered as constituting a basis for denying admission or retention.
- Prior conviction of certain felonies may preclude State Teacher Licensure. Contact the State Licensure Officer for clarification. Prior conviction of certain felonies may also preclude placement in certain field experiences. A federal fingerprint-based background check is required. The individual must notify the Clinical Experiences Office of any convictions prior to placement in any field experiences.

- Candidates with degrees seeking licensure under Illinois House Bill 2207 must seek admission to both the Goodwin College of Education and to the Teacher Licensure Program (TLP) for Post-Baccalaureate Students. These are separate processes. For requirements and advisement, contact the program advisor.
- Candidates enrolled in the B.A. in Interdisciplinary Studies (BAIS) program at Northeastern who wish to pursue any of the programs within the Goodwin College of Education may take a maximum of nine hours prior to admission to the college. To take any further courses, the candidate must be formally admitted to the Goodwin College of Education. Candidates must also complete all professional course requirements of their particular programs. A minimum cumulative GPA of 2.50 (on a 4.0 scale) is required of all undergraduate work for BAIS candidates to be admitted into the college.
- For graduation, candidates must have a GPA of 2.75 or higher in all Professional Courses and a 2.50 cumulative GPA (*some programs might have a different GPA requirement, please consult your program advisor*). Grade of "B" or better in all Clinical Experiences and Student Teaching is required. Also see graduation requirements below.

Graduation Requirements

To be eligible for graduation all candidates must:

- be admitted to the correspondent college (Goodwin College of Education for undergraduate and TLP candidates and College of Graduate Studies and Research for graduate candidates)
- follow college retention policies (Goodwin College of Education for undergraduate students and College of Graduate Studies and Research for graduate students),
- successful completion of required courses in professional education sequence, all requirements of their academic program, and all university graduation requirements.

Licensure Requirements

Candidates pursuing teacher licensure are required to complete general education coursework as specified by their respective program. For further information concerning the general education requirements, candidates should consult with the respective Goodwin College of Education departments offering teacher licensure programs. In addition, candidates must meet all the State of Illinois requirements pertaining to the specific endorsement(s) to be recommended for licensure through University Entitlement by the Goodwin College of Education.

Illinois Licensure Testing System (ILTS)

The State of Illinois requires that candidates seeking early childhood education, elementary education, secondary education, K-12 programs, reading, special education, school service personnel or administrative endorsements must pass a series of examinations in order to be licensed. For instance, all candidates must pass a Test of Basic Skills such as the ILTS Test of Academic Proficiency (TAP) or ACT plus writing or SAT prior to college admission. All candidates must also pass the Content Area Test for which endorsement is sought prior to receiving authorization for any student teaching, practicum, or culminating internship.

Candidates seeking licensure in early childhood education, elementary education, secondary education, K-12 programs, or special education must also pass the Teacher Performance Assessment (edPTA) during student teaching experience. edTPA is only required for the initial licensure in Illinois. Subsequent endorsements do not require edTPA.

Additional information for these tests is available at ISBE Licensure Testing.

Note: Candidates who completed their student teaching before September 1, 2015, consult with your adviser regarding APT 188.

Admission Policies for Undergraduates

Admission to Northeastern Illinois University does not automatically constitute admission to the Goodwin College of Education, or to professional programs in the college. Candidates who seek to major in any of the programs offered in the Goodwin College of Education must be admitted to the college to complete their degrees and to graduate.

Declaring an Education Major

Students intending to major in education should first declare a "pre-major" until all college admission requirements are completed. Once the admission requirements are satisfied, be sure to submit a second Undergraduate Major/Minor Declaration form (<http://www.neiu.edu/academics/sites/neiu.edu/academics/files/documents/srmagill/Major-Minor%20Declaration%20Form%205-16-16.pdf>) to declare the education major. Candidates may contact the undergraduate Goodwin College of Education advisers (<http://neiu.edu/academics/college-of-education/program-advisors-college-education/contact-us>) for further information.

In order to declare a major in education undergraduate students must:

Step 1: Contact a Goodwin College of Education Advisor (<http://neiu.edu/academics/college-of-education/program-advisors-college-education/contact-us>) in the program they are interested in majoring in;

Step 2: Passing a Test of Basic Skills such as: the ILTS Test of Academic Proficiency (TAP) or ACT plus writing or SAT. If using ACT or SAT in lieu of TAP, scores must be received in a sealed envelop by the college. Visit the Goodwin College of Education for instruction (<http://neiu.edu/academics/college-of-education/admission-requirements>) .

Step 3: Set up an account in **Educator Licensure Information System (ELIS)**.

Step 4: Send official ACT or SAT scores to ISBE (<http://www.isbe.state.il.us/licensure/html/testing.htm#scores>) .

Step 5: Program advisor will forward complete Declaration of Major form to the Goodwin College of Education Dean's Office. In Secondary Education, candidates may declare their content area major (Art, Biology, English, Health Education, History, Math, Music, PE, Spanish) but may not declare their secondary education major until they have passed a Test of Basic Skills.

To apply for admission, all candidates must submit a complete application. To obtain a list of admission requirements, undergraduate candidates may visit Goodwin College of Education Website (<http://www.neiu.edu/academics/college-of-education/admission-requirements>) or graduate candidates may visit the College of Graduate Studies and Research (<http://neiu.edu/academics/graduate-college>) . **Admission will inform undergraduate students of their decision by email.** Applicants must include their NEIU e-mail on their application, and check their e-mail regularly to know their admission status.

All candidates, including transfer students, must meet the following minimum requirements for admission to the Goodwin College of Education:

1. Declaration of Undergraduate Major/ Graduate Program, or Licensure Area.
2. Passing score on a Test of Basic Skills -- the Illinois Licensure Testing System Test of Academic Proficiency ¹ or ACT or SAT --
3. Completed Goodwin College of Education Application Form
4. "C" or better in ENGL-101
5. "C" or better in college level math leading to NEIU math competency (3 cr.)
6. One recommendation form (http://www.neiu.edu/academics/college-of-education/sites/neiu.edu.academics.college-of-education/files/documents/jfranco/COE_Recommendation_Form.pdf) from any university professor
7. Fingerprint-based Federal background check report (<http://www.neiu.edu/academics/college-of-education/sites/neiu.edu.academics.college-of-education/files/documents/jfranco/2014%20COE%20Fingerprint%20Information.pdf>) ²
8. 2.5/4.0 Cumulative Grade Point Average
9. 30 semester credits at NEIU or transfer credits

¹ Inner City Studies, Human Resource Development, and Community Health majors are not required to take a Test of Basic Skills. All others majors are required to have passed a Test of Basic Skills before declaring their major.

² Inner City Studies and Human Resource Development Majors are not required to complete a fingerprint-based background check report. Candidate admitted into the new Community Health Program do not need to complete a fingerprint-based background check report. Consult with the program adviser.

Retention Policies for Admitted Undergraduates

Once admitted to the Goodwin College of Education, the candidate is expected to maintain certain standards in order to be retained within the College. These include:

1. Maintenance of a cumulative grade point average of 2.75 (on a 4.0 scale) in professional courses and majors within the Goodwin College of Education. Candidates should check with their major advisor, as some departmental requirements may vary.
2. Maintaining of a University cumulative grade point average of 2.50 (on a 4.0 scale). If this cumulative grade point average falls below 2.50, the candidate will be placed on academic probation in the Goodwin College of Education. Candidates are allowed one term, while on probation, to raise their cumulative grade point average to 2.50. If the cumulative grade point average is not raised to at least 2.50 after one term on probation, the candidate will not be retained in the Goodwin College of Education.
3. A grade of "C" or higher in courses in professional education and majors within the Goodwin College of Education. Candidates receiving a grade lower than "C" will be placed on academic probation and will not be permitted to do the major field experience or student teaching. See specific program requirements for courses requiring a "B" or higher.

Candidates are allowed one term, while on probation, to earn an acceptable grade. If acceptable grades are not earned after one term on probation, the candidate will not be retained in the Goodwin College of Education. Some standards may vary by program; consult with your program advisor.

Dean's List Requirements

The Dean's List recognized majors in the Goodwin College of Education who have achieved academic success in a specific semester.

Criteria for determining eligibility for the Dean's List:

1. Major, including second majors, must have been declared by the start of the semester being awarded.
2. A Semester grade point average of 3.80 or above for the semester being awarded.

3. Successful completion of six (6) or more credit hours with letter grades of A, B, C, or D.
4. Students may not have any incomplete grades.

CPDUs: Clock Hours of Professional Development Activity Policy

Please, contact the Goodwin College of Education Dean's office at coe@neiu.edu for further information about Professional Development opportunities.

Reinstatement and Readmission

Reinstatement and readmission to the Goodwin College of Education is not automatic.

- Candidates in good standing who have been admitted to the Goodwin College of Education and then withdraw from the University will, upon readmission to the University, be automatically reinstated in the Goodwin College of Education, if the period of withdrawal has not exceeded two years. If the period of withdrawal exceeds two years, candidates must apply for readmission to the Goodwin College of Education. Readmitted students will be required to meet new state requirements in place at the time of readmission, and any new admission and retention requirements within the college.
- A candidate who has withdrawn while on academic probation or who has not been retained in the Goodwin College of Education due to an insufficient grade point average (G.P.A.), final grades in professional courses or disposition issues, may be reinstated after the cumulative G.P.A., and academic or disposition issues have been rectified in accordance with program, departmental or Admissions, Retention, and Appeals committee approval. A written appeal must be submitted to the Goodwin College of Education Office of the Dean.
- Readmitted candidates will be required to meet new state requirements in place at the time of readmission, and any new admission and retention requirements within the Goodwin College of Education.
- It is the responsibility of the candidate to notify the Office of the Dean, Goodwin College of Education, of any intention to withdraw from the college.

Communication

All communication from the Goodwin College of Education Admissions Office will be sent exclusively through the NEIU email system. This technology will be used extensively to maintain communication with all candidates. It is the candidate's obligation to regularly check their NEIU email account. Failure to do so may cause the student to miss important information, including critical updates about program changes and deadlines.

Programs

Cross Program Course Offerings in Education

Cross Program Courses in Education (EDUC) are offered in the area of Educational Foundations.

Educational Foundations Courses

EDFN-302	Philosophical And Historical Foundations Of Early Childhood Education	3
EDFN-303	Early Childhood Development	3

Catalog descriptions of these courses are located in the Educational Leadership and Development section of the catalog.

Daniel L. Goodwin College of Education Kappa Delta Pi

COE students with a GPA of at least 3.5 will be invited to join NEIU's Sigma Epsilon Chapter of the Kappa Delta Pi International Education Honor Society. You can learn more about the advantages offered by membership in the International Society by going online to the Kappa Delta Pi website. For questions about our local chapter, please contact Dr. Elaine Koffman (the faculty counselor) at e-koffman@neiu.edu and Ms Cindy Jones (Office of the Dean) at c-jones@neiu.edu.

Clinical Experience and Student Teaching (CEST)

Programs that prepare students to obtain an Illinois Professional Educator License require students to participate in a variety of courses that include field-based experiences as required by State Law. These field-based experiences occur in public, charter, private, and parochial schools, day care centers, and community agencies, depending on the program of study being pursued. The Clinical Experiences and Student Teaching Office collaborates with school partners to identify a variety of field sites for placements.

Prior to being accepted by a field site, the student may be required to interview with staff at the site, complete an application, submit additional information, and/or have credentials reviewed based on site requirements.

Students complete supervised field-based activities at these partner sites to develop a practical skill set and gain a deeper awareness of the knowledge, skills, and dispositions required of a practicing professional in the field. All field-based experiences are conducted under the supervision of a fully certified professional at the field site and a university supervisor. The student is evaluated by both.

Office of Clinical Experiences and Student Teaching (CEST)

Catherine Wycoff, Director

OVERVIEW

Field-based clinical and student teaching experiences support the development of knowledge, skills, and dispositions future educators require to educate diverse student populations. These are managed, assigned, supervised, and evaluated through the CEST Office. Design, implementation, and evaluation of clinical experiences are done in collaboration with faculty, staff, and school-based partners to provide optimum opportunities for the growth and development of candidates. Illinois state law requires those seeking an Illinois Initial Professional Educator License to complete field-based experiences which include student teaching. These must be completed while enrolled in a State Approved Program under the direct supervision of teacher holding the appropriate teaching certificate/license and a university supervisor.

All field-based experiences are components of university courses and are completed at field sites selected solely by the university. One or more placements will be in diverse and/or urban settings. Field sites are selected to assure compliance with CAEP Standards, Illinois State Law, School District/School policies, procedures, and regulations, and NEIU policies and procedures. Processes or procedures may be altered in response to changes made by any of the aforementioned.

All clinical and student teaching experiences include a field-based component and university-based coursework and/ or a seminar. In addition, concurrent registration in other courses may be required. Students must successfully demonstrate success in the field and with seminar and classroom components of the course to successfully complete the course. A candidate, who is successful in one, but not the other, will be unable to successfully complete the course, without exception.

Note: EDFN course field placement information is found at the end of this section of the catalog.

REQUIREMENTS

Multiple requirements must be met prior to participation in any course, other than EDFN courses, that includes a field-based clinical component. These are listed below and apply to all students, including those pursuing a Focused Program of study to obtain a subsequent endorsement or an Illinois Professional Educator License.

1. GPA of 2.5/4.0 overall
2. GPA of 2.75/4.0 in all professional education courses and majors within the Daniel L. Goodwin College of Education
3. Grades of "C" or better in all professional education courses required within the certification program being pursued
4. All "I" grades converted to grades of "C" or better in professional education and major courses
5. Evidence of freedom from tuberculosis and communicable diseases dated less than one year prior to the start of the semester for clinical students and within 90 days of the start of the semester for student teachers
6. Grade of "B" or better in all previous clinical experiences, unless the course is being re-taken for a second time
7. Any additional requirements established by the department or program in which the course is housed, or defined within a Remediation Plan
8. Evidence of a successful LIVESCAN Federal Fingerprint Background Check less than three years
9. Evidence of a successful LIVESCAN Federal Fingerprint Background Check less than 90 days prior to the start of the semester in which student teaching is taken
10. Successful completion of the Chicago Public School Field Experience registration process
11. Successful completion of the Chicago Public School Student Teaching On-Line Application and Registration Packet
12. Departmental approval
13. Evidence of passing the Illinois Licensure Testing System test for the appropriate content area prior to student teaching (Consult <http://www.il.nesinc.com> for dates, times, locations, and requirements.)

DEADLINES

Mandatory information sessions: second month of semester, one year in advance of semester in which a clinical course or student teaching will be taken.

Application deadlines: November - April, one year in advance of semester in which a clinical course or student teaching will be taken.

TB test results: Valid for one year; if results have expired, a new test must be administered no more than 90 days prior to the start of the semester in which a clinical course or student teaching will be taken.

Student Teaching Orientation and Professional Growth Days: Prior to the first day of the semester with exact dates announced at mandatory orientation meetings.

ONLINE COMMUNICATION

Website: CEST (<http://neiu.edu/academics/college-of-education/clinical-experiences-and-student-teaching>)

NEIUport Group: CESTGROUP (<http://neiu.edu/academics/college-of-education/departments/clinical-experiences-and-student-teaching/cest-group>)

All dates, announcements, information, news, and other resources will be posted at the CEST Group homepage found in NEIUport Groups. Students planning to pursue a degree in an education program requiring clinical coursework and/ or student teaching must join the CEST Group in NEIUport Groups. This should be done during enrollment in the EDFN courses, or immediately upon deciding to pursue a degree in Education.

If you are in a program requiring you to pass edTPA (<http://neiu.edu/academics/college-of-education/edtpa/edtpa-candidates>) for Illinois initial licensure, important information and documents are available at the Daniel L. Goodwin Goodwin College of Education edTPA Website. (<http://neiu.edu/academics/college-of-education/edtpa/edtpa-candidates>)

COMMUNICATION

All communications from the CEST Office will be sent only through the NEIU email address.

A variety of technology will be used extensively to maintain communication with candidates. Technological tools currently in use include NEIU email and NEIUport Groups.

The student is responsible to immediately become a member of an online group when directed. Failure to enroll in an environment, check email, or maintain an active email address in a NEIUport CEST Group (<http://neiu.edu/academics/college-of-education/departments/clinical-experiences-and-student-teaching/cest-group>) may cause the student to miss important information, including updates about program changes and deadlines. Students who miss information or deadlines due to lack of membership, errors in the email address, or failure to check announcements or email sent will not be afforded any special consideration or adjustments.

CLINICAL AND STUDENT TEACHING INFORMATION SESSIONS

All who intend to apply for a clinical and student teaching are required to attend one CEST information session (<http://neiu.edu/academics/college-of-education/departments/clinical-experiences-and-student-teaching/cest-group>) BEFORE submitting an application. Meetings will be announced within the CEST NEIUport group (<http://neiu.edu/academics/college-of-education/departments/clinical-experiences-and-student-teaching/cest-group>) site. Information about application procedures, policies, expectations, timelines, and other related information will be provided to assure successful application.

Information sessions are mandatory. EACH field experience, regardless of the number of field experiences in a program, will require you to attend an information session and submit an application. Students who do not attend an information session must contact the Director of the CEST Office (<http://neiu.edu/academics/college-of-education/node/227>) . This may result in a delay of your field experience.

APPLICATION PROCESS

Teacher candidates must apply to the CEST Office *one year in advance* of the semester in which planning to complete their clinical or student teaching experience.

REGISTRATION FOR COURSES WITH FIELD-BASED EXPERIENCES

Courses requiring field-based experiences require the following:

1. submission of all materials (online and print) application to the CEST Office by the established deadlines,
2. registration in the course(s) using regular university procedures during advance registration and payments made on schedule to assure that registration is maintained, and
3. final approval from the CEST Office to enroll/remain enrolled in associated courses based on a review of program requirements.

To be considered fully registered in a field-based course, the course must appear on the student's record in the official university student registration system. Those who are not fully registered into a course with field-based placements will not be permitted to report to a placement site. Students will be immediately removed from a field site and notified at the time the CEST Office becomes aware of removal from a course for non-payment or any other reason. Reporting to a placement site with knowledge of not being fully enrolled or after being terminated is cause for disciplinary action.

ADMINISTRATIVE DROPS FROM FIELD BASED COURSES

Students will be administratively dropped by the CEST Office when prerequisites or requirements for courses, having field placements have not been fulfilled, for the following reasons: 1) when procedures have not been followed, 2) registration in required concurrent courses has not occurred, 3) student has been removed from his/her placement site by school administration or NEIU.

PLACEMENT

Field placements are solely managed by the CEST Office. Students may request one or more placement sites to be considered. However, placements are driven by CAEP Standards, Illinois State Law, school district or private school requirements, and availability of supervisors. As such, a placement site cannot be guaranteed. Placement at some sites is contingent upon completion of a successful interview with the administration and/or other staff. In the event a candidate is unsuccessful in two interviews, no further attempts to place will be made.

CHANGES IN PLACEMENT

Changes will not be made once a placement has been confirmed by a School/District. Students may NOT contact schools or districts in attempts to secure a placement. This behavior is cause for disciplinary action, including removal from the program. Candidates who reject placements will *not* be placed until the next semester in which placements are made.

CONFLICTS OF INTEREST

Placements will be made to assure that no conflicts of interest occur so that candidates receive an experience that is free of bias and external influence. Candidates will not be placed in schools they have attended, where family members or significant others attend, are employed, serve on school boards or LSCs, or in districts outside of CPS District 299 where family members are employed or serve on school boards.

PLACEMENT SITE LOCATIONS

Placements will be made in urban and diverse settings in Chicago, and portions of Cook, Lake, McHenry, Kane, Will, and DuPage counties.

Field placement sites are selected to prepare students to be able to teach students with special needs, newcomers and English Language Learners (ELLs), students in high needs schools, and students from racial, cultural, ethnic and socioeconomic groups. Every effort is made to provide teacher candidates with a variety of experiences within the grade range required under the endorsement; however, this may not always be possible. All placements are made within the age/grade span covered on the endorsement under the Professional Educator License (PEL) one is seeking to earn as follows:

PEL Endorsement	Placement
Early Childhood Education	Birth-Grade 3
Elementary Education	Grades K-9
Secondary Education	6-12: Grades 9-12 (specific subject) and 6-8 with middle school coursework
K-12 Education Programs	K-12 (specific subject)

PLACEMENTS OUT OF AREA

Candidates may submit a written request for the Director to grant permission to complete student teaching as guest student at another NCATE or CAEP accredited institution outside of these areas in the event of a move out of the area. These situations generally occur due to a move out of state with student teaching the only class left for completion. If permission is granted, the candidate registers at NEIU and pays tuition and fees and the Director defines procedures for supervision and evaluation. The candidate usually incurs additional fees to be paid to the host institution directly.

STUDENTS SEEKING A SUBSEQUENT ENDORSEMENT

Illinois State Law allows those possessing a current Illinois Teaching License to obtain one or more subsequent teaching endorsements by pursuing a focused program of study. The configuration of clinical experiences and student teaching required will be based on the results of an evaluation of credentials and professional teaching experiences.

These students will apply and be processed individually consistent with the law and in accordance with NEIU policies and procedures.

TB TEST

NEIU requires clinical students and student teachers to provide evidence of freedom from communicable disease, including tuberculosis. Such evidence shall consist of a tuberculin skin test (TB Test) (NEIU Health Services requires Mantoux) and, if appropriate, an X-Ray, made by a physician licensed in Illinois or any other state to practice medicine and surgery in all its branches, an advanced practice nurse who has a written collaborative agreement with a collaborating physician that authorizes the advanced practice nurse to perform health examinations, or a physician assistant who has been delegated the authority to perform health examinations by his or her supervising physician not more than 90 days preceding the start date. T.B. Test may be obtained at no cost from the NEIU Health Services Department ((773) 442-5800, Room E-051).

Those tested outside of NEIU must present their results to the NEIU Health Services Department and receive a Tuberculosis Test Report Form. The student then brings this form to this office. A form is available online at: OFF-CAMPUS TB TEST REFERRAL FORM (http://neiu.edu/university-life/sites/neiu.edu.university-life/files/documents/bthoang/tb_form.pdf)

A TB test may be obtained in the Health Services Office or from a health provider outside the university.

PHYSICAL EXAM

Candidates may have to complete a physical exam. Illinois School Code, 105 ILCS 5/24-5 (from Ch. 122, par. 24-5) identifies the need for new employees, including *student teachers*, to provide evidence of physical fitness to perform the duties assigned and freedom from communicable disease. It will be the student teacher's responsibility to comply with the Illinois School Code physical exam requirements if requested by a hosting school district/school during your student teaching assignment.

In accordance with the Illinois School Code (105 ILCS 5/24-5 (a) and (b)):

(a) In this Section, "employee" means any employee of a school district, a student teacher, an employee of a contractor that provides services to students or in schools, or any other individual subject to the requirements of Section 10-21.9 or 34-18.5 of this Code.

(b) School boards shall require of new employees evidence of physical fitness to perform duties assigned and freedom from communicable disease. Such evidence shall consist of a physical examination by a physician licensed in Illinois or any other state to practice medicine and surgery in all its branches, an advanced practice nurse who has a written collaborative agreement with a collaborating physician that authorizes the advanced practice nurse to perform health examinations, or a physician assistant who has been delegated the authority to perform health examinations by his or her supervising physician not more than 90 days preceding time of presentation to the board, and the cost of such examination shall rest with the employee. A new or existing employee may be subject to additional health examinations, including screening for tuberculosis, as required by rules adopted by the Department of Public Health or by order of a local public health official. The board may from time to time require an examination of any employee by a physician licensed in Illinois to practice medicine and surgery in all its branches, an advanced practice nurse who has a written collaborative agreement with a collaborating physician that authorizes the advanced practice nurse to perform health examinations, or a physician assistant who has been delegated the authority to perform health examinations by his or her supervising physician and shall pay the expenses thereof from school funds.

BACKGROUND CHECKS

Teacher candidates must be aware that the Illinois School Code (ILSC 5/10-21.9) requires school boards to conduct a criminal background investigation on applicants for employment. This law also prohibits the employment of any person who has been convicted of committing or attempting to commit any one or more of a number of offenses. At present, offenses include:

- first degree murder;
- any Class X felony;
- juvenile pimping;
- soliciting for a juvenile prostitute;
- exploitation of a child;
- obscenity;
- child pornography;
- harmful material;
- criminal sexual assault;
- aggravated criminal sexual assault;
- criminal sexual abuse;
- aggravated criminal sexual abuse;
- offenses set forth in the Cannabis Control Act, and
- crimes defined in the Illinois Controlled Substances Act.

Employment must be denied where the offenses and/or conviction occurred inside or outside the state of Illinois.

In addition, convictions related to certain offenses, other than those listed in Section 21B-80 of the School Code [105 ILCS 5/21B-80] that result in automatic revocation or denial of licensure, may lead to denial of licensure if they demonstrate that the applicant is not of good character as required by Section 21B-15 of the School Code. Accordingly, each applicant for the issuance, registration, or renewal of an Illinois professional educator license, educator license with stipulations or substitute teaching license or for the addition of another credential (e.g., endorsement, approval, designation), including any credential issued under Subpart G of this Part, shall be required to indicate on the relevant form whether he or she has ever been convicted of a felony or of any sex, narcotics, or drug offense (whether felony or misdemeanor) in Illinois or any other state.

The Daniel L. Goodwin College of Education requires LIVESCAN Federal Fingerprint Background Checks of those registering to complete major field-based clinical experiences. Students may be subject to multiple checks if enrolling or participating in a clinical experience after the expiration date.

The Daniel L. Goodwin College of Education requires LIVESCAN Federal Fingerprint background checks of those registering to complete student teaching less than three months prior to the start of the semester in which student teaching is taken.

STUDENT TEACHING CALENDAR

All courses requiring students to complete field-based clinical components are University courses and follow the University calendar. Student teaching begins and ends on the first and last day of the semester as published in the University Schedule. Students may not report to a school to begin student teaching or activities associated with it before the official first day of the semester, without written approval of the principal and the CEST Director.

During the student teaching period, the student teacher follows the calendar of the school/district, not NEIU, with respect to holidays and vacations. Those planning to student teach in the Spring semester must not plan travel or vacations in advance of receiving a confirmed student teaching assignment. If advance plans are made and conflict with school/district Spring Vacation times, travel plans will need to be altered. Teacher Candidates who plan vacations in advance of knowing the school district calendar risk being unable to complete their plans as scheduled if the vacation period conflicts with the school/district calendar.

PRE-STUDENT TEACHING CLINICALS: SCHEDULING

Pre-student teaching clinical experiences are scheduled at dates and times mutually agreed upon between the NEIU Teacher Candidate and the school/site cooperating teacher(s) and/or administration. These will be planned between the start and end dates of the semester and only after being assigned to a placement site by the CEST Office.

Candidates must plan to be at a school in no less than half day increments, and ideally for full days. Additionally, clinical candidates should plan to be at a clinical site on one or more consistent days throughout the semester.

Pre-student teaching clinicals may not be completed sporadically or clustered into a two or three week period.

A Teacher Candidate who is unable to complete a field-based component of a course within the semester due to an extenuating circumstance may request to receive an "I" grade (Incomplete Grade Policy (<http://catalog.neiu.edu/archive/2016-2017/academics/grading-transcripts/incomplete-grade-policy>)). When an "I" grade is issued, an Incomplete Contract will be developed to define the requirements, procedures, and timelines to be followed. Deviations from this contract minimally require the written approval of the CEST Director. Lack of success in the placement is not cause to issue an "I" grade.

SCHEDULING CONFLICTS

Candidates must plan other coursework, work, personal, and family obligations in a way that allows sufficient time to travel to and from the site, fulfill clinical expectations at the site, and complete any associated requirements such as research, lesson planning, and other work required outside of the placement site. When planning, it is suggested that the candidate plan ninety minutes in each direction for travel as there is no guarantee of a placement site close to home, work sites, or the University.

Scheduling conflicts for seminars and other University-based activities may occur as a result of variations in holiday, break, or vacation periods of schools/districts and NEIU, and/or variations among the school/district calendars of the students under the supervision of a single supervisor and/or seminar leader. Conflicts will need to be discussed with the supervisor who may or may not make an accommodation.

The supervisor or the student may seek assistance from the CEST Director to resolve such matters. Nothing in this section should be construed to suggest that matters will automatically resolve as the Teacher Candidate desires as the University is responsible to maintain program integrity.

SEMINARS

All courses with field-based clinical components include a class seminar held on or off campus. Dates and times will be published in the University Schedule for the semester. Seminars begin during the first week of classes and continue throughout the semester.

Seminars follow a defined syllabus and complement the field-based component of the course. The syllabus includes specific content to be learned. Written and other assignments are also required. Discussions will include reflections about the field-based clinical experience and progress toward becoming a professional educator.

Seminars may or may not be conducted by the same person supervising the clinical student/student teacher and may include Teacher Candidates supervised by multiple supervisors. In this case, the final grade will be determined collaboratively by the supervisor and the seminar leader. Supervisors who are not seminar leaders may need to schedule additional meetings with those being supervised if deemed necessary.

EVALUATION

The University Supervisor assigns a final grade with input from the cooperating teacher(s). A Teacher Candidate must be fully successful in the field-based component to successfully complete any course requiring a component regardless of the quality of work in the non-field based component of the course. Failure to successfully complete non-field based work or assignments will negatively impact a course grade.

A grade of "A" or "B" must be earned in a pre-student teaching clinical course to enroll in a subsequent course requiring a field-based clinical component, and in student teaching to be entitled to receive an Illinois Professional Educator License. Student teachers receiving a grade of "C" or "D" will not be entitled to Illinois Licensure but may be eligible for graduation.

The Teacher Candidate may appeal a final grade in accordance to University Policy, see Student Handbook. (<http://neiu.edu/university-life/student-rights-and-responsibilities/student-handbook>)

RE-ENROLLMENT IN A CLINICAL COURSE OR STUDENT TEACHING

Those earning less than a "B" in any course requiring a field-based component will be reviewed by the Teacher Candidate's academic program and the CEST Director to determine eligibility to re-enroll in the course. Teacher Candidates who are unsuccessful a second time will be reviewed for removal from the program. A third attempt to re-enroll will not be permitted.

INTERRUPTED PLACEMENTS

Interruptions in placements occur due to changes in staffing at the school, personal or health issues, or due to a lack of success in the field experience. When the placement is interrupted due to unexpected changes in staffing at the site or for some other reason beyond control of the university or the candidate, a new placement site will be secured within the semester.

All decisions to terminate field based placements are handled on a case-by-case basis regardless of the initiator. A request to terminate any field-based clinical experience may be initiated by the University supervisor, cooperating teacher, school/site administrator, the CEST Director, or other NEIU faculty or administrators. If asked to leave a field experience placement by the placements site/school district, cooperating teacher, or NEIU, the teacher candidate will receive an automatic "F" in the respective clinical/student teaching course and will not be given a new placement or allowed to continue his/her field experience. The teacher candidate also may be referred to his/her respective academic department's professional standards committee and/or dismissed from his/her academic program. If a teacher candidate is asked to leave his/her field experience placement, he/she may not have any further communication with the school administration, the cooperating teacher, school staff, or students at the school. If the teacher candidate does so, he/she may be referred to his/her respective academic department's professional standards committee and/or dismissed from his/her academic program. Candidates who do not successfully complete a second field-based clinical experience will generally not be permitted to complete the program.

SELF-SELECTED TERMINATION

Those who self-select to terminate a clinical experience or student teaching are required to discuss this matter with the University supervisor and CEST Director prior to making a final decision.

A decision to self-terminate clinical experiences or student teaching must be submitted to the CEST Director in writing prior to notifying the placement site and cooperating teacher. Teacher Candidates who self-terminate are responsible to withdraw from the course in accordance with University procedures (<http://neiu.edu/academics/registrar-services>) and according to timelines printed in the University Schedule. Standard university timelines and procedures influence grading and ability to recover tuition and fees. Teacher Candidates who self-terminate may petition the CEST Director in writing for permission to reapply in a future semester provided the self-termination was not done to avoid remedial or disciplinary actions resulting from deficiencies in knowledge, skills, and/or dispositions. The CEST Office may define conditions or deny a future placement.

A teacher candidate who self-terminates without discussing the matter with the University Supervisor and without submitting a written notice to the CEST Director may receive a "F" in the clinical/student teaching course, be referred to the respective academic department's professional standards committee, and/or dismissed from the academic program.

CAUSES FOR REMOVAL

The following is a representative, not exhaustive, list of events that are generally considered serious enough to warrant removal from a placement site by the supervisor, cooperating teacher, or site administration:

- failure to abide by school/school district or NEIU regulations and policies
- frequent absences and tardiness (regardless of reason)
- completing personal work at the school site
- leaving the building, classroom, or assignment area without authorization
- inappropriate interactions with students
- verbal or physical abuse
- fighting
- falsification of time sheets by failing to sign in/out at actual times
- failure to sign in/out
- multiple changes of clinical schedule
- failure to submit lesson plans in advance
- failure to develop adequate lesson plans
- failure to complete/submit items to CT or US on schedule
- lack of content knowledge
- sleeping
- inability to cope with the demands of teaching
- lack of appropriate and professional dispositions as determined by the CT and/or US
- failure to implement directions and/or suggestions for improvement
- disruptive to classroom or school (e.g. misuse of cellphone and social media)
- failure to abide by the school/school district's technology policies
- failure to return student grading

ACTION PLAN FOR PROFESSIONAL IMPROVEMENT

A Candidate Alert form is submitted by either the supervisor, instructor, or cooperating teacher when a candidate's performance is not meeting expectations, or a placement is interrupted. A Candidate Alert and/or Action Plan meeting is mandatory, and teacher candidates must make accommodations in order to be present. Failure to attend a Candidate Alert and/or Action Plan meeting may result in an automatic "F" in the clinical/student teaching course, referral to the respective academic department's professional standards committee, and/or dismissal from the academic program.

A written Action Plan will be developed based on the outcomes of the candidate alert meeting. Action Plans may include: a) areas in need of remediation, b) goals, c) activities and timelines, d) assessment plans, e) monitoring plan and future actions. A teacher candidate's failure to adhere to the Action Plan is cause for termination without further placement.

Intermediate steps such as additional coursework or counseling may be required to address deficiencies as part of the Action Plan and/or before future placements are made. Additionally, the student may be required to formally withdraw from the course and receive a failing grade. The decision will be based on the causes, not the time the termination occurs during the semester.

When the deficiencies in knowledge, skills, or dispositions are deemed so severe or beyond remediation, a referral to the Professional Standards Committee of the respective departments, or the Goodwin College of Education Admissions, Retention and Appeals Committee may be made in tandem with, or in lieu of an Action Plan as deemed appropriate by the Director of the CEST Office.

ON-LINE CAREER PORTFOLIO

An Online Career Portfolio for NEIU student teachers may be developed with the assistance of the Career Development Center, Room B-119, [773-442-4680](tel:773-442-4680). Up-to-date employment opportunities are also maintained in this office.

STUDENT TEACHER ORIENTATION AND PROFESSIONAL DEVELOPMENT DAYS

The Student Teacher Orientation is scheduled during *the week prior* to the start of the first day of the semester before student teaching begins. This orientation is mandatory. Student teachers who fail to attend may be prohibited from student teaching during that semester. Additional professional development days may be scheduled at other times during the semester in which student teaching occurs and attendance is required.

Student teachers who are full-time teachers and teaching in their own classroom as permitted by law may request an exemption from attendance at all Student Teacher Orientation and Professional Growth Days events only if these days conflict with the school work calendar.

Additional days may be scheduled during the semester, as deemed necessary by the Daniel L. Goodwin College of Education and/or CEST Director. These will be announced on the NEIUport CEST Group homepage or by announcement.

WORKING AND ENROLLMENT IN OTHER COURSES

Working and/or enrollment in other University courses during student teaching is strongly discouraged because student teachers are required to function in the same way as a full-time teacher. As such, tremendous workload demands are made of the teacher candidate.

In addition to teaching and working in the classroom during the regular school day, a student teacher engages in many other activities. These include preparing detailed lesson plans, grading papers, locating and developing instructional materials to use with students, developing tests and other assessments, participating in professional development sessions that may occur before or after the student school day, planning for and attending student conferences with parents, family, and/or other staff, participating in weekly University-based seminars, and completing written and other assignments associated with the seminar/University course. In addition, attendance at other professional development activities may be required by the Daniel L. Goodwin College of Education as detailed earlier in this section.

OBTAINING AN INITIAL ILLINOIS PROFESSIONAL EDUCATOR LICENSE

Successful completion of one of the teacher preparation programs in the Daniel L. Goodwin College of Education entitles one to obtain an Illinois Professional Educator License (PEL). Applications and procedures are available under the Goodwin College of Education Website. (<http://www.neiu.edu/academics/college-of-education/policies-procedures>)

Those who meet the requirements for additional endorsements will have them added at the time the License is processed. An application for additional endorsement is available in the Daniel L. Goodwin College of Education Dean's Office (LWH 4040). Candidates must submit this form in the Dean's Office. While NEIU informs the State of those entitled to receive a License, the License is issued by the State and regulations for maintaining and renewing it are governed by the State. Illinois licensure laws and procedures are online (<http://www.isbe.net/licensure/default.htm>).

INSURANCE

Accidents or unforeseen health challenges may occur at any time. Teacher Candidates are especially vulnerable due to contact with large numbers of people.

All full-time students pay a fee for student health insurance or must show proof of a private health plan which provides coverage equal to or better than the student health plan. Part-time students may elect to pay for student health coverage. Details about the NEIU student health insurance plan can be

obtained at Student Health and Counseling Services (<http://www.neiu.edu/university-life/student-health-and-counseling-services>) or by contacting the Health Service Office (773) 442-5800.

Students completing field-based clinicals who are enrolled on a part-time basis are strongly encouraged to have their own health insurance which covers medical services, ambulance transportation, mental health services, and prescription needs whether purchased through NEIU or a private provider.

LIABILITY

Pursuant to Illinois law, the school district must provide NEIU Teacher Candidates with liability protection as is provided to regular employees of the district. See 105 ILCS 5/10-20.20 and 105 ILCS 5/10-22.3.

EDUCATIONAL FOUNDATIONS (EDFN) COURSE INFORMATION

Students in EDFN-306, EDFN-307, EDFN-406, and EDFN-407 complete observations and/or service in educational settings. Unlike major clinicals and student teaching, EDFN students identify and secure their own field site to complete the course activities in a way that will allow them to fulfill the specific field-based requirements as outlined in the course syllabi.

Within the first two weeks of the semester, students will receive a direction packet prepared by the CEST Office from the course instructor. The steps to complete, prior to going to the school site, are defined in the EDFN direction packet. Minimally, students must successfully complete the Chicago Public School (CPS) Field Experience registration process. Students will be required to register with the CEST Office and provide evidence of freedom from communicable diseases (TB, specifically).

Upon completion of these activities, the student will obtain a clearance packet from the CEST Office. The student is then eligible to go into the school site to complete their hours. A documentation form on which all observation and service hours are recorded must be submitted to CEST Office at the end of the semester.

A student may NOT begin the field work for any EDFN class without receiving an authorization packet from the CEST Office.

Counselor Education

The mission of the Department of Counselor Education at Northeastern Illinois University is to provide a quality graduate education in Clinical Mental Health, Family, School, and Rehabilitation Counseling. Through a reflective, collaborative pedagogical approach, graduate students acquire transformative as well as culturally sensitive knowledge and skills that promote personal, interpersonal, and professional development. The program will train graduate students to become skilled counselors and clinicians in a diverse and changing world.

Program Objectives

1. The Department of Counselor Education will recruit qualified applicants and will train counselors-in-training to be self reflective, effective, and competent providers of services.
2. Program faculty will endeavor to include the most current evidence-based and/or outcome-based research in their course work.
3. Syllabi will include current CACREP and CORE standards, as well as information from other sources to maintain an open, engaging curriculum that equips students to work in a variety of work settings.
4. The Department will conduct program evaluation including recommendations and feedback from advisory board meetings, program faculty, and current and former students. The information obtained will be reviewed annually and incorporated into the program as appropriate.

The Clinical Mental Health and School Counseling programs are accredited by the Council for the Accreditation of Counseling and Related Educational Programs (CACREP). The School Counseling program also meets the educational requirements for the state of Illinois for a Professional Educator License (PEL), with the school counselor endorsement. Graduate students of CACREP accredited counseling programs are eligible to sit for the National Counselor Exam (NCE) during their last year of study. The eight core curricular areas of CACREP are the comprehensive foundation of the exam questions used for the NCE. After successful completion of the NCE and upon graduation, one can then apply for the National Certified Counselor (NCC) credential through the National Board of Certified Counselors (NBCC).

The Rehabilitation Counseling program is accredited by the Council on Rehabilitation Education (CORE). Graduates of this program are qualified to obtain national certification as a Certified Rehabilitation Counselor (CRC). The standards for rehabilitation counselor education are set by CORE, which has a working relationship and parallel accreditation standards with CACREP.

Graduates of the Clinical Mental Health, School, and Rehabilitation Counseling programs are also eligible to apply for and receive licensure as a Licensed Professional Counselor (LPC) upon successful completion of the requirements and licensure application(s) as set forth by the state of Illinois.

It is imperative that students consult with their program advisors regarding course selection and sequencing.

- Master of Arts in C (<http://catalog.neiu.edu/archive/2016-2017/education/counselor-education/master-arts-counseling-education>) ounseling (<http://catalog.neiu.edu/archive/2016-2017/education/counselor-education/master-arts-counseling-education>)
- Master of Arts in Family Counseling (<http://catalog.neiu.edu/archive/2016-2017/education/counselor-education/master-arts-family-counseling>)

Charles Pistorio, Ph.D., Associate Professor, Chair

Lee A. Beaty, Ph.D., Professor

Sharon Bethea, Ph.D., Associate Professor

Mei-Whei Chen, Ph.D., Professor

Kenneth F. Currier, Ph.D., Associate Professor

Craig S. Johnston, Ph.D., CRC, Associate Professor

Shedeh Tavakoli, Ph.D., Assistant Professor

Laura Tejada, Ph.D., Assistant Professor

COUN-401. Professional Orientation & Legal/Ethical Practices. 3 Hours.

This course offers an orientation to the counseling profession, including professional identity issues and the professional career options. Students will study the history of the profession, ethical and legal standards and practices, credentialing, professional organizations, functions of a counselor, and professional journals. Students will also be oriented to skills required for multicultural counseling competency.

COUN-402. Developmental Counseling. 3 Hours.

Course focuses on the concept of developmentally oriented counseling. It is based upon lifespan theory which makes the assumption that there is developmental logic to behavior. Counselors learn to assess and understand the client's developmental processes and provide appropriate helping strategies for clients working through developmental blocks. Students study developmental theories, concepts and principles, including psychosocial, cognitive, moral, emotional, family, career, self and cultural development.

COUN-403. Theories Of Counseling. 3 Hours.

Focuses on various theories of counseling and their associated techniques. Students study a range of theories and their application in various professional settings and are required to synthesize their own approach. This course contributes to the theoretical foundations of the helping relationships component of the program and is required of all students.

COUN-404. Assessment And Evaluation In Counseling. 3 Hours.

Principles of test construction, basic statistical concepts, study of commonly used standardized tests and other evaluative procedures. Interpretations of test data are an integral part of this course.

COUN-405. Individual Counseling Skills. 3 Hours.

A laboratory course providing competency-building experiences to prepare counselors for helping relationships. Supervised counseling of fellow students and outside clients is required. Both a knowledge base and a skill base are developed. In all aspects of this course, confidentiality and ethical-behavior are stressed. The course contributes to the helping relationships component of the program and is required of all students.

Prerequisites: (COUN-401 minimum grade of C or COUN-433 minimum grade of C) and COUN-403 minimum grade of C.

COUN-406. Group Counseling. 3 Hours.

Course focuses on groups and group leadership. Knowledge base includes theory, group processes, group dynamics, interventions, roles of members and leaders, facilitative and debilitative behaviors, characteristics of developmental stages, ethics and therapeutic ingredients of group work. Experiential group activities develop self-awareness, interpersonal skills and leadership ability. Confidentiality and ethical behavior are stressed. Course contributes to the helping relationships and group work components of the program and is required of all students.

Prerequisite: COUN-405 minimum grade of B.

COUN-407. Mental Health Counseling. 3 Hours.

This course introduces students to the primary settings in which mental health counselors provide services. It critically evaluates the legal, ethical, social, professional, organizational, research, and contextual realities that shape and direct the mental health field. The changing service delivery, the impact of managed cares, and the comprehensive mental health counseling model will be explored. This course is designed to enhance student understanding of the contextual complexity of mental health and "mental illness," aiming to encourage students to critically evaluate the field and to understand the importance of preserving the resiliency of the clinicians to prevent burnout.

Prerequisite: COUN-403 minimum grade of C.

COUN-408. Research Seminar. 3 Hours.

Introduces students to the nature of scientific research, with particular reference to the research methods and statistical treatments that are appropriate to the study of problems and issues related to professional counseling. Students demonstrate their critical understanding by designing a research proposal. Course contributes to the research and evaluation component of the program and is required of all students.

Prerequisite: COUN-404 minimum grade of C.

COUN-409. Career Development. 3 Hours.

This introductory course provides an overview of the field of career development with applications appropriate to the student's sequence. The focus is on career development theories; occupational and educational information; career and leisure counseling; lifestyle and career decision making; and program planning and evaluation. A whole life perspective facilitates the personal, social and career development of children, adolescents and adults. This course contributes to the lifestyle and career development component of the program. Required of all student in the Counselor Education Program.

COUN-410. Seminar In School Counseling. 3 Hours.

This course provides an overview of the field of school counseling in elementary, middle and secondary schools. Emphasis is on the role of the school counselor as well as an examination of the history and current trends in school counseling programs and services. The developmental school counseling model offers a foundation for understanding various interventions, including individual and group counseling, crisis intervention, consultation, appraisal and coordination of counseling services. Required of all students in the School Counseling Sequence.

COUN-411. Post Secondary College & Career Counseling. 3 Hours.

This course is intended to provide students, who have an interest in working at the high school level, with specialized information about college search, admissions, and financial aid processes. This course will provide an overview of the field of college counseling and the basics of the college admission and selection process. It will emphasize the role of the school counselor in providing information, assistance, and support in the students' and families' decision-making.

COUN-414. Advanced Career Counseling. 3 Hours.

Advanced Career Counseling provides students with an in-depth laboratory experience in career counseling which will require them to integrate their knowledge of career and counseling theories, individual counseling skills, evaluation techniques and skills related to the job search process. Students will be required to formulate, present and write an in-depth client case study. This course is required of all students in the career development sequence.

Prerequisite: COUN-409 minimum grade of C.

COUN-415. Children And Youth In School And Family Systems. 3 Hours.

A study of children and youth and their systems. Assessment and Counseling techniques will be addressed. A comparison between the medically modeled view and the systematic view will be presented. Students will interview a child and his/her family as well as an older youth and their family.

Prerequisite: COUN-420 minimum grade of C.

COUN-420. Introduction To Family Counseling. 3 Hours.

Course focuses on major theories and techniques of family counseling. Lectures, student research and role playing are utilized as presentation forms.

Prerequisites: (COUN-401 minimum grade of C or COUN-433 minimum grade of C) and COUN-403 minimum grade of C.

COUN-421. Advanced Marriage And Family Counseling. 3 Hours.

An advanced experience in Marriage and Family counseling. Focuses on developing a personal model of counseling and experiencing the total therapeutic process. Diagnostic skills, case analysis and relationship strategies are emphasized.

Prerequisite: COUN-420 minimum grade of C.

COUN-422. Grief Counseling. 3 Hours.

An overview of contemporary attitudes regarding loss and death and their implications for the counselor's personal reaction to death related events. Students gain expertise with the grieving process and the physical and emotional consequences associated with maladaptive grief. Specific issues raised by different types of loss will also be discussed. Crisis intervention skills, counseling techniques and community mutual aid efforts to facilitate a healthy grieving process are presented.

Prerequisites: (COUN-401 minimum grade of C or COUN-433 minimum grade of C) and COUN-403 minimum grade of C.

COUN-423. Counseling For Business And Industry. 3 Hours.

This course is designed for students in the Career Development Sequence. Focuses on the counseling needs in business and industry. The course builds on the work done in COUN-414 Advanced Career Counseling, with the emphasis on the career counseling needs of the adult worker. Course is of value to students seeking careers in the business world, community colleges and vocational agencies.

Prerequisite: COUN-409 minimum grade of C.

COUN-424. Stress Management. 3 Hours.

Course is for counselors serving clients in a variety of settings. Its holistic focus is on stress and burnout from proactive and reactive perspectives. Student learning activities are didactic and experiential. Each student will design, implement and evaluate a personal stress management program appropriate to his/her own needs and resources. Students participate in research, laboratory and support group activities dealing with aspects of stress management.

Prerequisite: COUN-401 minimum grade of C or COUN-433 minimum grade of C.

COUN-425. Addictions Counseling. 3 Hours.

This course focuses primarily on the work of counselors who deal with psychoactive substance use, abuse and dependence among clients. The course is presented in three modules: 1) a contextual understanding of substance addiction including the pharmacological, socioeconomic and psychological aspects of addiction; 2) screening, assessment, treatment planning, referral and counseling, interventions; and 3) specialty addiction areas such as gambling, sexual, food, and relationship addictions. An overview of current best practices in counseling is presented such as motivational interviewing and cognitive/ behavioral approaches.

Prerequisites: (COUN-401 minimum grade of C or COUN-433 minimum grade of C) and COUN-403 minimum grade of C.

COUN-426. Advanced Counseling For Chemical Dependency. 3 Hours.

Participation in various aspects of a treatment program, including admission interviews, evaluation of patients, short and long range planning with patients, dealing with denial and relapse through counseling. A needs assessment among class members will determine part of this course.

Prerequisite: COUN-425 minimum grade of C.

COUN-427. Diagnostic Systems For Counseling. 3 Hours.

This course acquaints counselors with descriptive, research-based and clinical knowledge that contributes to the diagnosis and treatment of mental disorders, including disorders of behavior and impulse control, mood and anxiety as well as the various personality disorders and disorders involving loss of contact with reality. Students study the current Diagnostic and Statistical Manual of Mental Disorders of the American Psychiatric Assn. and the ways the manual is used in clinical practice.

COUN-428. Advanced Individual Counseling:Case Conceptualization. 3 Hours.

Provides students with opportunity to work with a single client over a ten-week period, using integrative conceptualization and counseling models as a basis for on-going assessment and planning. Small group settings focus on diagnosis and treatment planning within the context of legal and ethical guidelines and with reference to the current Diagnostic and Statistical Manual of Mental Disorders of the American Psychiatric Association. Requirements include preparation and presentation of a professional disclosure statement and a clinical study.

COUN-429. Psychopharmacology. 3 Hours.

This is an introductory course to psychopharmacology for non-medical, helping professionals. Students will be informed about the pharmacological aspects of addiction, psychotherapeutic medications and drugs of abuse. Emphasis is placed on the basic principles of pharmacology, the effects of drugs on the human central and peripheral nervous systems; and psychoactive drug effects and side effects. It is also designed to provide an overview of pharmacological classification systems and pharmacological interventions for psychiatric disorders. It will address benefits and side effects, trends and physiological principles as well as medical and pharmacological lexicon.

COUN-430. Social & Cultural Diversity In Counseling. 3 Hours.

Students will be introduced to the training model for multicultural competency, which includes awareness of cultural assumptions, knowledge of cultural diversity and racial/ethnic issues, and skills for social and cultural diversity counseling. Students will gain understanding of the impact of their own cultural identity on behavior, functioning, and the therapeutic relationship. Skills for successful social and cultural diversity counseling will be taught, including assessment of cultural identity and worldview, acculturation, spirituality, gender, socioeconomic status, and oppression.

COUN-431. Couple And Family Systems Study. 3 Hours.

An in-depth look at family systems, including a family's developmental and life cycles. Attention will be given to various contemporary family structures with a focus on family assessment of contemporary problems such as substance abuse, domestic violence and sexual dysfunction. Comparison of a systemic view and the traditional medically modeled psychological and psychiatric view will be addressed. Students will also study the assessment of families through the use of standardized instruments.

COUN-432. Counseling Couples. 3 Hours.

This course will provide students with knowledge and understanding of principal theoretical frameworks and the existing clinical approaches to counseling couples derived from the theoretical frameworks. The course will also expose students to a variety of clinical issues a counselor is most likely to encounter in clinical work with couples.

Prerequisite: COUN-420 minimum grade of C.

COUN-433. Foundation Of Rehabilitation Counseling. 3 Hours.

This course will provide students with the foundations of rehabilitation and the rehabilitation counseling profession. The course will introduce students to relevant aspects of rehabilitation history, philosophy, values and practice, with an emphasis on the operational aspects of the rehabilitation service delivery system. The course will examine current issues, community resources, services and the vocational rehabilitation process.

COUN-434. Medical & Psychosocial Aspects Of Disability. 3 Hours.

Involves study of medical information on a wide range of disabilities from systems perspective. The psychological, social and vocational implications of the experience of the various disorders will be integrated into the course. Medical terminology, medical specialty practices and health care systems providing diagnosis, treatment, restorative services, or therapy to individuals with disabilities will be discussed. The course, nature, etiology, effects and prognosis of physical, sensory, mental, neurological, developmental and other disability/disease processes will be covered. Case studies of system-related disabilities will be presented with emphasis on understanding the psychosocial, functional and vocational implications of disease, congenital and adventitious disability.

COUN-435. Work & Disability. 3 Hours.

This course involves both didactic and experiential modes of instruction enabling students to build competencies in the career development and job placement of persons with disabilities. Students will learn the procedures in developing effective job development and placement strategies and obtain knowledge of labor market trends, employment law, and vocational issues surrounding the acquisition and maintenance of competitive employment in today's society. Specific emphasis will be placed on the unique challenges faced by people from non-majority and traditionally underserved groups.

Prerequisite: COUN-433 minimum grade of C.

COUN-436. Case Management In Rehabilitation Counseling. 3 Hours.

The course is intended to be a capstone experience whereby the rehabilitation counselor-in-training applies principles, skills and knowledge to simulated case examples. Topics include: the goals and models of case management in rehabilitation; client/consumer interviewing and assessment; planning for appropriate and effective intervention strategies, services and benefits included in a rehabilitation plan; plan monitoring and evaluation; and job placement, closure and follow-up. Various models of case management will be presented with a primary focus on the State-Federal Vocational Rehabilitation model.

Prerequisites: COUN-433 minimum grade of C and COUN-434 minimum grade of C and COUN-435 minimum grade of C.

COUN-437. Introduction To Integrative Expressive Techniques. 3 Hours.

The purpose of this course is to introduce integrative expressive therapies into counseling practice. The course covers 10 commonly used counseling frameworks with expressive art interventions. Adlerian therapy, Narrative therapy, Person-Centered therapy, and other forms of therapy will be discussed in relation to expressive arts techniques. The course will be primarily experiential in which students will experience different expressive arts.

COUN-438. Trauma And Crisis Counseling. 3 Hours.

This course provides the counseling student with an introduction to research, theory, and practices within the field of trauma and crisis diagnosis, assessment and intervention. The course will cover the historical evolution of the field; biopsychosocial underpinnings of trauma and trauma spectrum disorders; issues in diagnosis, assessment, and intervention from a culturally diverse and systemic framework; and a synthesis of best practices as they are currently evolving.

Prerequisites: COUN-405 minimum grade of B and COUN-427 minimum grade of C.

COUN-439. Case Conceptualization & Treatment Planning. 3 Hours.

This course will focus on using integrative conceptualization and counseling models and a basis for on-going assessment (clinical understanding of the client), diagnosis (identification and labeling of a problem), and treatment planning (interventions and strategies) to help clients make changes and improve their coping and resiliency. The course builds on the knowledge of theories of counseling (COUN-403) and diagnosis of mental disorders with the current, Diagnostic and Statistical Manual of Mental Disorders of the American Psychiatric Association (COUN-427).

Prerequisites: COUN-405 minimum grade of B and COUN-427 minimum grade of C.

COUN-442. Practicum I: Group Supervision In School Counseling. 3 Hours.

Course focuses on the integration of counseling skills and conceptual frameworks to create strategies to assist children in the areas of personal, social, education and career development. Clinical Experiences in School Counseling, in which strategies are applied in supervised counseling sessions with individuals and groups. This course contributes to the counseling proficiency component of the program. Required of all students enrolled in the school sequence.

Prerequisite: COUN-409 minimum grade of C.

COUN-444. Practicum: Ethical/Legal Issues In Mental Health Counseling. 3 Hours.

Course focuses on group supervision of clinical experiences and diagnostic and planning procedures within the context of legal and ethical guidelines of the Diagnostic and Statistical Manual of Mental Disorders of the American Psychiatric Association. Presentation of a professional disclosure statement and a clinical case study are required. Course contributes to the counseling proficiency component of the program.

Prerequisite: COUN-409 minimum grade of C.

COUN-445. Practicum I:Group Supervision In Couple And Family Counseling. 3 Hours.

Practicum I focuses on group supervision of the clinical experiences as well as on assessment and planning procedures for counselors within the context of legal and ethical guidelines. A review of major theories and Couple/ Marriage Family techniques are applied to case material generated from the field experience of Practicum I. This course contributes to the counseling proficiency component of the program and is required of all students in the family counseling program.

COUN-446. Practicum In Rehabilitation Counseling. 3 Hours.

Students will apply rehabilitation counseling knowledge and skills introduced in previous courses. The purpose of the course is to enhance basic rehabilitation counseling skills including interviewing, listening skills, assessment, documentation and case recording, referral and follow-up services. There will be periodic and direct communications throughout the semester between the site supervisor and the faculty through site visits, conference calls, electronic communications and either video-taping or audio-recording of individual counseling sessions between the student and client.

Prerequisites: COUN-402 minimum grade of C and COUN-403 minimum grade of C and COUN-404 minimum grade of C and COUN-405 minimum grade of B and COUN-406 minimum grade of B and COUN-409 minimum grade of C and COUN-433 minimum grade of C and COUN-434 minimum grade of C and COUN-435 minimum grade of C and COUN-436 minimum grade of C.

COUN-462. Internship I:School Counseling. 3 Hours.

First of two supervised internship courses required for the school counseling sequence. Focus is on the implementation of the role of the school counselor in school settings. Interns work under the supervision of a site supervisor and a university faculty person. The course will require the intern to complete 300 hours of field related activities and participate in an on-campus seminar every other week.

Prerequisite: COUN-442 minimum grade of B.

COUN-463. Internship I:Rehabilitation Counseling. 3 Hours.

Students will apply rehabilitation counseling knowledge and skills introduced in previous courses through classroom-based activities and supervision provided by university-based certified rehabilitation counselor. The purpose of the course is to enhance basic rehabilitation counseling skills through Socratic, individualized and group supervision including interviewing, listening skills, ethical/professional issues, case studies, community resource reports, assessment, documentation and case recording, referral and follow-up services in actual community-based settings serving persons with disability.

Prerequisite: COUN-446 minimum grade of B.

COUN-464. Internship I: Mental Health Counseling. 3 Hours.

This course is the first of two supervised internship courses required for the Mental Health Counseling sequence that focuses on the role of the counselor in a mental health service program, family guidance clinic, mental health center, hospital, substance abuse treatment program, aging center or court services setting. Supervision provided by a site supervisor and a counselor education staff person. This course requires 300 hours of field-related activities, including participation in an on-campus seminar every other week. Prerequisite: COUN-444 and departmental approval.

Prerequisite: COUN-444 minimum grade of B.

COUN-465. Internship I:Group Supervision In Couple And Family Counseling. 3 Hours.

This is the first of the supervised internship courses required for the family counseling program sequence. The focus of this course is on the implementation of the role of the family counselor in a community agency, family guidance clinic, community mental health center, hospital, substance abuse treatment program, aging center or court services setting. Interns will be working under the supervision of a site supervisor and a counselor education faculty person. The course will require the intern to complete 300 hours of field-related activities, including participation in an on-campus seminar every other week.

Prerequisites: COUN-445 minimum grade of B and COUN-401 minimum grade of C and COUN-402 minimum grade of C and COUN-403 minimum grade of C and COUN-404 minimum grade of C and COUN-405 minimum grade of B and COUN-406 minimum grade of B and COUN-409 minimum grade of C and COUN-415 minimum grade of C and COUN-420 minimum grade of C and COUN-421 minimum grade of C and COUN-427 minimum grade of C and COUN-430 minimum grade of C.

COUN-466. Independent Study In Guidance And Personnel Work. 3 Hours.

Intensive guided study in selected areas of guidance and personnel work. Consultation with instructor prior to registration is mandatory.

COUN-468H. Seminar In Counseling:Student Personnel Work In Higher Education. 3 Hours.**COUN-469. Independent Study In Guidance And Personnel Work. 1 Hour.**

Intensive guided study in selected areas of guidance and personnel work. Consultation with instructor prior to registration is mandatory.

COUN-470. Independent Study In Guidance And Personnel Work. 2 Hours.

(See COUN-469 for description.).

COUN-472. Internship II:School Counseling. 3 Hours.

Second of three supervised internship courses required for the school counseling sequence. A continuation of COUN-462 focusing on the implementation of the role of the school counselor in school settings. Interns work under the supervision of a site supervisor and a counselor education staff person. The course requires the interns to complete 300 hours of field-related activities and participate in an on-campus seminar every other week.

Prerequisite: COUN-462 minimum grade of B.

COUN-473. Internship II: Rehabilitation Counseling. 3 Hours.

Students will apply rehabilitation counseling knowledge and skills introduced in previous courses in a community-based, field experience. The purpose of the course is to further develop rehabilitation counseling skills including counseling interventions, intake interviewing and eligibility determination, assessment, rehabilitation plan development and construction, documentation and case recording, case management and follow-up services. There will be periodic and direct communications throughout the semester between the site supervisor and the faculty through site visits, conference calls, electronic communications and either videotaping or audiorecording of individual counseling sessions between the student and client.

Prerequisite: COUN-463 minimum grade of B.

COUN-474. Internship II: Mental Health Counseling. 3 Hours.

A continuation of COUN-464 which further involves the intern in the implementation of the role of the counselor in a mental health counseling program, family guidance clinic, mental health center, hospital, substance abuse treatment program, aging center or court services center. Supervision provided by a site supervisor and a counselor education staff person. Requires 300 hours of field related activities, including participation in an on-campus seminar every other week. Prerequisite: COUN-444 and departmental approval.

Prerequisite: COUN-464 minimum grade of B.

COUN-475. Internship II: Group Supervision In Couple And Family Counseling. 3 Hours.

This course is a continuation of COUN-465 and further involves the intern in the implementation of the role of the family counselor in an approved internship placement. Interns will be working under the supervision of a site supervisor and a counselor education staff person. The course will require the intern to complete 300 hours of field related activities, including participation in an on-campus seminar every other week.

Prerequisite: COUN-465 minimum grade of B.

COUN-476. Internship II: Rehabilitation Counseling. 3 Hours.

Students will apply rehabilitation counseling knowledge and skills introduced in previous courses in a community-based, field experience. The purpose of the course is to further develop rehabilitation counseling skills including counseling interventions, intake interviewing and eligibility determination, assessment, rehabilitation plan development and construction, documentation and case recording, case management and follow-up services. There will be periodic and direct communications throughout the semester between the site supervisor and the faculty through site visits, conference calls, electronic communications and either videotaping or audiorecording of individual counseling sessions between the student and client.

Prerequisite: COUN-466 minimum grade of B.

COUN-477. Current Issues: Marriage And Family Therapy. 1 Hour.

Presents detailed treatment of selected issues and concerns in Marriage and Family Therapy. Consult the Schedule of Classes for current offerings. Prospective topics will include the Theory and Treatment of Sexual Dysfunction, Treating the Sexually Abusive Family, and Divorce Mediation.

COUN-478. Advanced Counseling. 3 Hours.

The purpose of this course is to provide the counselor education students with advanced practice in individual counseling. Students will serve as graduate mentors to those who are taking COUN-405 Individual Counseling Skills. The students in this course will assist the instructor in demonstrations of proper counseling skills, in supervision of counseling sessions held in the counselor education laboratory, and in giving feedback to students in COUN-405.

Prerequisite: COUN-405 minimum grade of C.

COUN-479. Supervision: Marriage And Family Therapy. 3 Hours.**COUN-490. Thesis Research. 3 Hours.**

This course includes the preparation and submission of a master of arts thesis under the supervision of a faculty committee. Thesis topics will reflect students' interest in a variety of counseling areas. Theses may be based on quantitative and/or qualitative methodologies.

Prerequisite: COUN-408 minimum grade of C.

COUN-499. Clinical Supervision. 3 Hours.

This course will examine clinical supervision theory and techniques currently used in counseling and psychotherapy and introduce students to supervision as a specialty. Focusing on developmental issues of both supervisors and clinicians, this course will study methods that can be used to enhance counselor competency and issues related to supervising multiple counseling models. Students are expected to be supervising already, as a group and individual supervision-of-supervision will be a component of the class.

Master of Arts in Counseling

The program leading to the Master of Arts degree in Counseling consists of the following three sequences:

1. School Counseling
2. Clinical Mental Health Counseling
3. Rehabilitation Counseling

Admission Requirements

Applicants to all three sequences must meet the admission requirements of the College of Graduate Studies and Research, and the following additional requirements:

1. Submit recent scores for the general test of the Graduate Record Examination (GRE). Scores will be considered along with other aspects of the application;
2. Satisfy supplementary admission requirements as specified by each sequence; and
3. Participate in an evaluative Preadmission Workshop after application materials have been submitted.

The Department of Counselor Education admits students twice a year, in the spring and fall terms. Admission to the program is competitive. It is possible for an otherwise acceptable applicant to be denied admission due to the competitive strength of the applicant pool. Those not selected for admission may reapply only once.

Eligibility to Enroll in Classes

Once students are officially admitted to the program, they may register for classes in the department during regular registration periods. Those who have not yet been reviewed for selection may take one course as a student-at-large. For students in the Clinical Mental Health and School sequences, that course is COUN-401. For students in the Rehabilitation sequence, that course is COUN-433. Upon formal acceptance into the program, the credits for these courses will be applied towards fulfillment of degree requirements.

To qualify for the master's degree, students must complete 48 credit hours of prescribed course work in school and rehabilitation counseling, and 60 hours in Clinical Mental Health counseling. Three credits of practicum, six credits of internship, and successful completion of the written departmental proficiency examination are included in the requirements. Students may not enroll for more than four (4) three-credit hour courses (12 credit hours) in a term.

Once admitted, students must demonstrate satisfactory progress. To continue in the program, a 3.0 GPA average is required, and students may not have more than six credit hours below the grade of B. In the clinical courses, COUN-405 and COUN-406, students must earn a grade of B or better to continue in the program. Therefore, an ongoing evaluation, for the purpose of making retention decisions, is made of all admitted students in the areas of academic achievement, professional growth, and personal growth. Although evaluation will take place during every class, formal evaluation procedures are applied prior to practicum, and on the annual date of one's admission to the program. Students may also be reviewed for retention at the request of individual faculty members.

Should a student be recommended for non-retention in the program by the faculty Professional Standards Committee, the student's faculty advisor will communicate the reasons to the student in writing. Further, depending upon the circumstances, the advisor may:

- direct the student to seek a more appropriate field of study;
- advise specific remedial steps that must be taken before continuation in the program is permitted; and
- inform the student of the procedure used to appeal the committee's decision.

A copy of all communication recommending non-retention will be forwarded by the Department of Counselor Education to the College of Graduate Studies & Research for final action.

Prerequisites: Prerequisites may be taken after admission to the program, but must be completed before Practicum

Clinical Mental Health: None

Rehabilitation: None

School: Current Illinois Teacher License **OR**

Applicants to school counseling who do not hold a current teacher license must include in their application packet evidence of:

1. Passing the basic skills requirement for the state of Illinois. There are three options: Test of Academic Proficiency (TAP), ACT plus Writing, or SAT; and
2. Submission of a State and Federal Fingerprint Background Check.
3. In addition, an applicant without a teacher license must complete the following courses prior to starting Practicum/ Internship:

EDFN-405	Development Of Educational Thought	3
EDFN-407	Learning Theories And Educational Practices	3
SPED-404	Survey Of The Field Of Special Education	3

Clinical Mental Health Counseling

Clinical Mental Health Counseling requires a minimum of 60 credit hours, or 20 courses.

COUN-401	Professional Orientation & Legal/Ethical Practices	3
COUN-402	Developmental Counseling	3
COUN-403	Theories Of Counseling	3
COUN-404	Assessment And Evaluation In Counseling	3
COUN-405	Individual Counseling Skills	3
COUN-406	Group Counseling	3
COUN-407	Mental Health Counseling	3
COUN-408	Research Seminar	3
COUN-409	Career Development	3
COUN-415	Children And Youth In School And Family Systems	3
COUN-420	Introduction To Family Counseling	3
COUN-425	Addictions Counseling	3
COUN-427	Diagnostic Systems For Counseling	3
COUN-429	Psychopharmacology	3
COUN-430	Social & Cultural Diversity In Counseling	3
COUN-438	Trauma And Crisis Counseling	3
COUN-439	Case Conceptualization & Treatment Planning	3
COUN-444	Practicum: Ethical/Legal Issues In Mental Health Counseling	3
COUN-464	Internship I: Mental Health Counseling	3
COUN-474	Internship II: Mental Health Counseling	3
Total Hours		60

School Counseling

School Counseling requires a minimum of 48 credit hours, or 16 courses.

COUN-401	Professional Orientation & Legal/Ethical Practices	3
COUN-402	Developmental Counseling	3
COUN-403	Theories Of Counseling	3
COUN-404	Assessment And Evaluation In Counseling	3
COUN-405	Individual Counseling Skills	3
COUN-406	Group Counseling	3
COUN-408	Research Seminar	3
COUN-409	Career Development	3
COUN-410	Seminar In School Counseling	3
COUN-411	Post Secondary College & Career Counseling	3
COUN-415	Children And Youth In School And Family Systems	3
COUN-430	Social & Cultural Diversity In Counseling	3
COUN-442	Practicum I:Group Supervision In School Counseling	3
COUN-462	Internship I:School Counseling	3
COUN-472	Internship II:School Counseling	3
Elective #1		3
Total Hours		48

Rehabilitation Counseling

Rehabilitation Counseling requires a minimum of 48 credit hours, or 16 courses.

COUN-402	Developmental Counseling	3
COUN-403	Theories Of Counseling	3
COUN-404	Assessment And Evaluation In Counseling	3
COUN-405	Individual Counseling Skills	3
COUN-406	Group Counseling	3
COUN-408	Research Seminar	3
COUN-409	Career Development	3
COUN-427	Diagnostic Systems For Counseling	3
COUN-430	Social & Cultural Diversity In Counseling	3
COUN-433	Foundation Of Rehabilitation Counseling	3
COUN-434	Medical & Psychosocial Aspects Of Disability	3
COUN-435	Work & Disability	3
COUN-436	Case Management In Rehabilitation Counseling	3
COUN-446	Practicum In Rehabilitation Counseling	3
COUN-463	Internship I:Rehabilitation Counseling	3
COUN-473	Internship II:Rehabilitation Counseling	3
Total Hours		48

Clinical Experience

Practicum

Practicum is a 100 hour, field-based experience which requires a minimum of 40 hours of clinical contact with clients (contact hours), and is a prerequisite for Internship. Practicum is offered in the Fall semester.

Internship

Internship is a 600 hour, field-based experience which requires a minimum of 240 hours of clinical contact with clients. Students earn six credit hours for Internships I and II.

Departmental Proficiency Examination

All candidates are required to pass a comprehensive examination. Candidates may take the examination after completion of 27 credit hours of coursework including, but not limited to:

COUN-401	Professional Orientation & Legal/Ethical Practices (COUN-433 for Rehabilitation)	3
COUN-402	Developmental Counseling	3
COUN-403	Theories Of Counseling	3
COUN-404	Assessment And Evaluation In Counseling	3
COUN-405	Individual Counseling Skills	3
COUN-406	Group Counseling	3
COUN-408	Research Seminar	3
COUN-409	Career Development	3
COUN-430	Social & Cultural Diversity In Counseling	3

Notification of Student Recess

Once having begun the Counselor Education program, if a student does not attend classes for more than two consecutive semesters (Fall, Spring, Summer), the student must notify the College of Graduate Studies and Research and the advisor of his/her intent to continue in the program. Faculty members reserve the right to review the student's course work upon reentry by the student and to require that certain courses be repeated if necessary. Students have a maximum of six years in which to complete their degree programs.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

The Plans of Study for the programs in Counselor Education should be used as general guidelines for the completion of courses. These plans suggest how a student might complete a program in two calendar years by beginning in the fall semester and attending through two summer semesters. There are many factors that affect how students complete their programs, including whether they begin in the fall

or spring semesters and whether they attend full-time or part-time. The plan for school counseling is based on the student possessing a teacher or professional educator license. School counseling students who are not licensed must complete an additional three courses outside of the Department of Counselor Education: EDFN 405 Development of Educational Thought; EDFN 407 Learning Theories and Educational Practice; and SPED 404 Introduction to Special Education.

All students in Counselor Education will have a mandatory orientation at the beginning of their programs and have a faculty advisor who will help in the planning of each student's course of study.

Clinical Mental Health Counseling

First Year

Term 1		Hours
COUN-401	Professional Orientation Legal/Ethical Practices	3
COUN-402	Developmental Counseling	3
COUN-403	Theories Of Counseling	3
COUN-404	Assessment And Evaluation In Counseling	3
Term Hours		12
Term 2		
COUN-405	Individual Counseling Skills	3
COUN-409	Career Development	3
COUN-420	Introduction To Family Counseling	3
COUN-430	Social Cultural Diversity In Counseling	3
Term Hours		12
Term 3		
COUN-406	Group Counseling	3
COUN-415	Children And Youth In School And Family Systems	3
COUN-427	Diagnostic Systems For Counseling	3
Term Hours		9
Second Year		
Term 1		
COUN-407	Mental Health Counseling	3
COUN-438	Trauma And Crisis Counseling	3
COUN-444	Practicum: Ethical/Legal Issues In Mental Health Counseling	3
Term Hours		9
Term 2		
COUN-408	Research Seminar	3
COUN-439	Case Conceptualization Treatment Planning	3
COUN-464	Internship I: Mental Health Counseling	3
Term Hours		9
Term 3		
COUN-425	Addictions Counseling	3
COUN-429	Psychopharmacology	3
COUN-474	Internship II: Mental Health Counseling	3
Term Hours		9
Total Hours:		60

School Counseling (for student with teacher license)

First Year

Term 1		Hours
COUN-401	Professional Orientation Legal/Ethical Practices	3
COUN-403	Theories Of Counseling	3
COUN-410	Seminar In School Counseling	3
Term Hours		9

Term 2		
COUN-402	Developmental Counseling	3
COUN-404	Assessment And Evaluation In Counseling	3
COUN-405	Individual Counseling Skills	3
Term Hours		9

Term 3		
COUN-406	Group Counseling	3
COUN-409	Career Development	3
COUN-430 or 409	Social Cultural Diversity In Counseling	3
Term Hours		9

Second Year

Term 1		
COUN-415	Children And Youth In School And Family Systems	3
COUN-442	Practicum I:Group Supervision In School Counseling	3
Term Hours		6

Term 2		
COUN-408	Research Seminar	3
COUN-462	Internship I:School Counseling	3
Term Hours		6

Term 3		
COUN-411	Post Secondary College Career Counseling	3
COUN-472	Internship II:School Counseling	3
Elective Course		3
Term Hours		9

Total Hours: 48

Rehabilitation Counseling

First Year

Term 1		Hours
COUN-403	Theories Of Counseling	3
COUN-433 (only offered in Fall term)	Foundation Of Rehabilitation Counseling	3
COUN-434 (only offered in Fall term)	Medical Psychosocial Aspects Of Disability	3
Term Hours		9

Term 2		
COUN-402	Developmental Counseling	3
COUN-405	Individual Counseling Skills	3
COUN-435 (only offered in Spring term)	Work Disability	3
Term Hours		9

Term 3		
COUN-404	Assessment And Evaluation In Counseling	3
COUN-406	Group Counseling	3
COUN-436 (only offered in Summer term)	Case Management In Rehabilitation Counseling	3
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Term Hours		9
Second Year		
Term 1		
COUN-409	Career Development	3
COUN-430	Social Cultural Diversity In Counseling	3
COUN-446	Practicum In Rehabilitation Counseling	3
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Term Hours		9
Term 2		
COUN-408	Research Seminar	3
COUN-463	Internship I:Rehabilitation Counseling	3
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Term Hours		6
Term 3		
COUN-427	Diagnostic Systems For Counseling	3
COUN-473	Internship II:Rehabilitation Counseling	3
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Term Hours		6
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Total Hours:		48

Master of Arts in Family Counseling

Coursework for the 60 credit hours Master of Arts in Family Counseling program fulfills the requirements for state licensure, the CACREP Specialty Track, the National Academy for Certified Family Therapists, Inc., and the American Association for Marriage and Family Therapy Clinical memberships. Although most accrediting bodies use the words "Marriage and Family" to describe their specialty, this program has elected to use the word "Family" to represent what the program believes to be a better description of the practice methods.

The Family counseling program is accredited by the Council for the Accreditation of Counseling and Related Educational Programs (CACREP). Graduates of CACREP accredited programs are eligible to sit for the National Counselor Exam (NCE) during their last year of study. The eight core curricular areas of CACREP are the comprehensive foundation of the exam questions used for the NCE. After successful completion of the NCE and upon graduation, one can then apply for the National Certified Counselor credential through the National Board of Certified Counselors (NBCC).

Admission Requirements

Applicants to the M.A. in Family Counseling program must meet the admission requirements of the College of Graduate Studies and Research and the following additional requirements:

1. Submit recent scores for the general test of the Graduate Record Examination (GRE). Scores will be considered along with other aspects of the application; and
2. Participate in an evaluative Preadmission Workshop after application materials have been submitted. The Department of Counselor Education admits students twice a year, in the spring and fall terms. Admission to the program is competitive. It is possible for an otherwise acceptable applicant to be denied admission due to the competitive strength of the applicant pool. Those not selected for admission may reapply only once.

Eligibility to Enroll in Classes

Once students are officially admitted to the program, they may register for classes in the department during regular registration periods. Those who have not yet been reviewed for admission may take one course, COUN-401, as a student-at-large. Upon formal acceptance into the program, the credits for this course will be applied towards fulfillment of degree requirements.

To qualify for the master's degree, students must complete 60 credit hours of prescribed coursework, which includes three credits of practicum, six credits of internship, and successful completion of the written departmental proficiency examination. Students may not enroll for more than four (4) three-credit hour courses (12 credit hours) in a term.

Once admitted, students must demonstrate satisfactory progress. To continue in the program, a 3.0 GPA average is required, and students may not have more than six credit hours below the grade of B. In the clinical courses, COUN-405 and COUN-406, students must earn a grade of B or better to continue in the program. Therefore, an ongoing evaluation, for the purpose of making retention decisions, is made of all admitted students in the areas of academic achievement, professional growth, and personal growth. Although evaluation will take place during every class, formal evaluation procedures are applied prior to practicum, and on the annual date of one's admission to the program. Students may also be reviewed for retention at the request of individual faculty members.

Should a student be recommended for non-retention in the program by the faculty Professional Standards Committee, the student's faculty advisor will communicate the reasons to the student in writing. Further, depending upon the circumstances, the advisor may:

- direct the student to seek a more appropriate field of study;
- require specific remedial steps that must be taken before continuation in the program is permitted; and
- inform the student of the procedure used to appeal the committee's decision.

A copy of all communication recommending non-retention will be forwarded by the Department of Counselor Education to the College of Graduate Studies and Research for final action.

Prerequisites

None

The Curriculum

Family Counseling

Family Counseling requires a minimum of 60 credit hours, or 20 courses.

COUN-401	Professional Orientation & Legal/Ethical Practices	3
COUN-402	Developmental Counseling	3
COUN-403	Theories Of Counseling	3

COUN-404	Assessment And Evaluation In Counseling	3
COUN-405	Individual Counseling Skills	3
COUN-406	Group Counseling	3
COUN-407	Mental Health Counseling	3
COUN-408	Research Seminar	3
COUN-409	Career Development	3
COUN-415	Children And Youth In School And Family Systems	3
COUN-420	Introduction To Family Counseling	3
COUN-421	Advanced Marriage And Family Counseling	3
COUN-427	Diagnostic Systems For Counseling	3
COUN-430	Social & Cultural Diversity In Counseling	3
COUN-431	Couple And Family Systems Study	3
COUN-432	Counseling Couples	3
COUN-445	Practicum I:Group Supervision In Couple And Family Counseling	3
COUN-465	Internship I:Group Supervision In Couple And Family Counseling	3
COUN-475	Internship II:Group Supervision In Couple And Family Counseling	3
Elective #1		3
Total Hours		60

Clinical Experience

Practicum is a 100 hour, field-based experience which requires a minimum of 50 hours of clinical contact with clients (contact hours), and is a prerequisite for Internship. Practicum is offered in the Fall semester.

Internship

Internship is a 600 hour, field-based experience which requires a minimum of 250 hours of clinical contact with clients. Students are strongly encouraged to complete all coursework prior to beginning Internship. Students earn six credit hours for internships I and II.

Departmental Proficiency Examination

All candidates are required to pass a comprehensive examination. Candidates may take the examination after 39 credit hours of required coursework have been completed, including:

COUN-401	Professional Orientation & Legal/Ethical Practices	3
COUN-402	Developmental Counseling	3
COUN-403	Theories Of Counseling	3
COUN-404	Assessment And Evaluation In Counseling	3
COUN-405	Individual Counseling Skills	3
COUN-406	Group Counseling	3
COUN-408	Research Seminar	3
COUN-409	Career Development	3
COUN-415	Children And Youth In School And Family Systems	3
COUN-420	Introduction To Family Counseling	3
COUN-421	Advanced Marriage And Family Counseling	3
COUN-430	Social & Cultural Diversity In Counseling	3
COUN-431	Couple And Family Systems Study	3

Notification of Student Recess

Once having begun the Counselor Education program, if a student does not attend classes for more than two consecutive semesters (Fall, Spring, Summer), the student must notify the College of Graduate Studies and Research and the advisor of his/her intent to continue in the program. Faculty members reserve the right to review the student's coursework upon reentry by the student and to require that certain courses be repeated if necessary. Students have a maximum of six years to complete their degree programs.

Elective Courses

The number of elective courses will vary for each sequence. The elective courses will be selected in consultation with an advisor. Courses must be appropriate for that sequence and the student’s career objectives. Electives may be selected from the following:

COUN-410	Seminar In School Counseling	3
COUN-411	Post Secondary College & Career Counseling	3
COUN-414	Advanced Career Counseling	3
COUN-415	Children And Youth In School And Family Systems	3
COUN-420	Introduction To Family Counseling	3
COUN-421	Advanced Marriage And Family Counseling	3
COUN-422	Grief Counseling	3
COUN-423	Counseling For Business And Industry	3
COUN-424	Stress Management	3
COUN-425	Addictions Counseling	3
COUN-426	Advanced Counseling For Chemical Dependency	3
COUN-427	Diagnostic Systems For Counseling	3
COUN-428	Advanced Individual Counseling:Case Conceptualization	3
COUN-429	Psychopharmacology	3
COUN-431	Couple And Family Systems Study	3
COUN-432	Counseling Couples	3
COUN-433	Foundation Of Rehabilitation Counseling	3
COUN-434	Medical & Psychosocial Aspects Of Disability	3
COUN-435	Work & Disability	3
COUN-436	Case Management In Rehabilitation Counseling	3
COUN-437	Introduction To Integrative Expressive Techniques	3
COUN-468H	Seminar In Counseling:Student Personnel Work In Higher Education	3
COUN-478	Advanced Counseling	3
COUN-490	Thesis Research	3
COUN-499	Clinical Supervision	3

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

The Plans of Study for the programs in Counselor Education should be used as general guidelines for the completion of courses. These plans suggest how a student might complete a program in two calendar years by beginning in the fall semester and attending through two summer semesters. There are many factors that affect how students complete their programs, including whether they begin in the fall or spring semesters and whether they attend full-time or part-time. The plan for school counseling is based on the student possessing a teacher or professional educator license. School counseling students who are not licensed must complete an additional three courses outside of the Department of Counselor Education: EDFN 405 Development of Educational Thought; EDFN 407 Learning Theories and Educational Practice; and SPED 404 Introduction to Special Education.

All students in Counselor Education will have a mandatory orientation at the beginning of their programs and have a faculty advisor who will help in the planning of each student’s course of study.

First Year		
Term 1		Hours
COUN-401	Professional Orientation Legal/Ethical Practices	3
COUN-402	Developmental Counseling	3
COUN-403	Theories Of Counseling	3
COUN-404	Assessment And Evaluation In Counseling	3
Term Hours		12
Term 2		
COUN-405	Individual Counseling Skills	3
COUN-409	Career Development	3

COUN-420	Introduction To Family Counseling	3
COUN-430	Social Cultural Diversity In Counseling	3
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Term Hours		12
Term 3		
COUN-406	Group Counseling	3
COUN-415	Children And Youth In School And Family Systems	3
COUN-427	Diagnostic Systems For Counseling	3
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Term Hours		9
Second Year		
Term 1		
COUN-407	Mental Health Counseling	3
COUN-431	Couple And Family Systems Study	3
COUN-445	Practicum I:Group Supervision In Couple And Family Counseling	3
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Term Hours		9
Term 2		
COUN-408	Research Seminar	3
COUN-421	Advanced Marriage And Family Counseling	3
COUN-465	Internship I:Group Supervision In Couple And Family Counseling	3
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Term Hours		9
Term 3		
COUN-432	Counseling Couples	3
COUN-475	Internship II:Group Supervision In Couple And Family Counseling	3
Elective course		3
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Term Hours		9
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Total Hours:		60

Educational Inquiry and Curriculum Studies

The Department of Educational Inquiry and Curriculum Studies is home to coursework and programs in Educational Foundations, Inner City Studies, and Secondary Education. Whether seeking to complete initial 9-12 or K-12 teaching licensure, to complete educational foundations coursework for a middle school endorsement, to expand their classroom repertoire, to become educators in alternative contexts, to develop as community and teacher leaders, or to enhance their understanding of the historical, political, and social underpinnings of education in and out of classrooms within urban areas and beyond, our students leave our department uniquely prepared as reflective, collaborative, and transformative education professionals.

Educational Foundations

- Educational Foundations Coursework (<http://catalog.neiu.edu/archive/2016-2017/education/educational-inquiry-curriculum-studies/educational-foundations-sequence>)
- Minor in Educational Studies (<http://catalog.neiu.edu/archive/2016-2017/education/educational-inquiry-curriculum-studies/minor-educational-foundations>)

Inner City Studies

- Major in Inner City Studies (<http://catalog.neiu.edu/archive/2016-2017/education/educational-inquiry-curriculum-studies/inner-city-studies-education>)
- Minor in Inner City Careers (<http://catalog.neiu.edu/archive/2016-2017/education/educational-inquiry-curriculum-studies/minor-inner-city-careers>)

Secondary Education

- 9-12/K-12 Licensure Program (<http://catalog.neiu.edu/archive/2016-2017/education/educational-inquiry-curriculum-studies/6-12-k-12-licensure-program>)

Educational Foundations

- Master of Arts in Community and Teacher Leaders (<http://catalog.neiu.edu/archive/2016-2017/education/educational-inquiry-curriculum-studies/master-arts-community-teacher-leader>)

Inner City Studies

- Master of Arts in Inner City Studies (<http://catalog.neiu.edu/archive/2016-2017/education/educational-inquiry-curriculum-studies/master-arts-inner-city-studies-education>)

Secondary Education

- Master of Arts in Teaching: Language Arts (<http://catalog.neiu.edu/archive/2016-2017/education/educational-inquiry-curriculum-studies/master-arts-teaching-language-arts>)
- Master of Science in Instruction: Language Arts (<http://catalog.neiu.edu/archive/2016-2017/education/educational-inquiry-curriculum-studies/master-science-instruction-language-arts>)

Brian D. Schultz, Ph.D., Professor, Chair
Sunni Ali, Ed.D., Assistant Professor
Ann Aviles de Bradley, Ph.D., Assistant Professor
Hua Bai, Ph.D., Associate Professor
Kimya Barden, Ph.D., Assistant Professor
Anastasia Brelas, Ph.D., Associate Professor
Huseyin Colak, Ph.D., Associate Professor
Timothy Duggan, Ed.D., Associate Professor
Nicole Holland, Ph.D., Professor
Zada Johnson, Ph.D., Associate Professor
Elaine Koffman, Ph.D., Associate Professor
Eleni Makris, Ph.D., Associate Professor
Erica Meiners, Ph.D., Professor
Isaura Pulido, Ph.D., Associate Professor
Katy Smith, Ph.D., Associate Professor
Durene Wheeler, Ph.D., Associate Professor
Lance Williams, Ph.D., Associate Professor
Conrad Worrill, Ph.D., Professor

Educational Foundations

EDFN-109. First Year Experience: Schooling Chicago: Communities, Public Education And Change. 3 Hours.

This course analyzes education in and outside Chicago Public Schools as a key social institution that both influences and is influenced by the larger society. You will be introduced to a wide array of topics and case studies that elaborate on the embeddedness of classrooms and schools in social environments across Chicago. This course will span a variety of school processes such as curricular differentiation, social and economic reproduction, voluntary associations (extra-curricular clubs, parent organizations), social groupings and peer influence. Particular attention is paid to questions about the relationship between social stratification and education. For example, how is the structure, content and funding of schools across Illinois affected by wider social and political conflicts? Does educational attainment affect an individual's economic status? Does education promote social equality? This course will introduce students to use of new information technologies in k-12 education.

EDFN-202. Laboratory In The Foundations Of Education. 1 Hour.

Students will be guided toward appropriate experiences in a school setting that will increase their understanding and utilization of concepts developed in the foundations courses. Chicago metropolitan area schools and other settings will be used as the laboratory.

EDFN-203. Laboratory In The Foundations Of Education. 2 Hours.

(See EDFN-202 for description.).

EDFN-204. Laboratory In The Foundations Of Education. 3 Hours.

(See EDFN-202 for description.).

EDFN-206. Laboratory In Foundations Of Education. 1 Hour.

(See EDFN-202 for general description) Specific to understanding and utilization of concepts developed in EDFN-306 (Educational and Individual Differences).

EDFN-207. Laboratory In Foundations Of Education. 1 Hour.

(See EDFN-202 for general description) Specific to understanding and utilization of concepts developed in EDFN-307 (Psychology of Instruction and Learning).

EDFN-216. Child And Adolescent Development:Individual Differences. 3 Hours.

Consideration of Human developmental individual differences, including diversity within physical, social, emotional, and cognitive domains from birth through adolescence. Focus will include: 1) genetic, maturational, and environmental factors effects on development; 2) impact of special education and other federal laws on working with children in the classroom; 3) building observational skills for assessing differences to aid student development; 4) study of selected individual children or adolescents; 5) application of principles to classroom practice. Ten hours of classroom observation required. Ten hours of service required.

EDFN-217. Educational Psychology. 3 Hours.

Principles of educational psychology, focusing on learning, assessment of learning, motivation and classroom management for a diverse, global society, including special need students. Ten hours of classroom observation required. Ten hours of service learning required.

EDFN-302. Philosophical And Historical Foundations Of Early Childhood Education. 3 Hours.

Survey philosophical, historical and psychological bases of early childhood education; a comparative evaluation of past and present educational programs for children from birth to age eight, in public and private school settings; readiness issues and intervention trends in early childhood education; professional responsibilities of early childhood educators.

EDFN-303. Early Childhood Development. 3 Hours.

Studies the growth and development of young children from birth to age eight, including physical, cognitive and social-emotional development. Presents major theories, principles, concepts and research in child development. The role of play in development is addressed. Students complete observations of children at various developmental levels.

EDFN-305. Philosophical And Historical Foundations Of Public Education. 3 Hours.

The exploration of differing views of the aims of public education in America. The study of the historic settings in which the system developed. Identification of major social and cultural problems in relation to their historic antecedents. The study of various philosophic schools of thought and their impact on educational theory and practice, past and present.

EDFN-306. Education And Individual Differences. 3 Hours.

Consideration of individual differences and principles of human development as factors in creating effective learning environments. Emphasis on: (1) understanding children and adolescents as individuals with differing abilities, aptitudes, interests, emotional responses and accomplishments as the result of genetic, maturational and environmental factors. Special attention given to children and adolescents covered by Public Law 94-142; (2) observational skills for assessing differences in order to aid student development. Focused study by each student of children or adolescents at a particular age level; (3) application of knowledge of developmental and individual differences to classroom practice. Twenty hours of classroom observation required.

EDFN-307. Psychology Of Instruction And Learning. 3 Hours.

Study and application to the teaching situation of theories and principles of learning (cognitive, affective, behavioral), motivation and classroom management including problems of mainstreaming. Also attention to establishing objectives, instructional design concepts, evaluation of learning and introduction to statistical analysis of scores. Focused study by each student of classroom in terms of application of theories and applications associated with learning and instruction. Twenty hours of classroom observation required.

Prerequisites: College of Education Admission YES and (EDFN-306 minimum grade of C or ZFND-306 minimum grade of C).

EDFN-308. Teaching And Learning. 1.5 Hour.

This course is designed to have the learner study and apply psychological theories and principles of instruction, learning (cognitive, affective, and behavioral), classroom and school-wide diversity, motivation, productive learning environments, assessment strategies, achievement, classroom management including inclusion, standardized testing and interpreting test scores. Offering this course concurrently with student teaching will allow students an authentic learning experience allowing them to directly apply theory learned in this course to real life issues that they are experiencing in their student teaching.

Prerequisite: College of Education Admission YES.

EDFN-312. Seminar In Current Educational Literature. 3 Hours.

An examination of current educational literature included would be recent research findings, important views of educational critics, newly developed theories of learning and education and innovative practices in educational institutions.

EDFN-313. Problems, Issues And Practices In Education. 3 Hours.

An in-depth examination of salient issues confronting contemporary American education. Topics selected are varied in accordance with student interest.

Prerequisite: College of Education Admission YES.

EDFN-314B. Race, Identity, & Cultures In Education. 3 Hours.

This course examines theories and methods of educating children of diverse racial, cultural and linguistic backgrounds in the U.S. school system. Students will learn how to identify cultural, and linguistic differences that may impede a person's progress in an educational system or in learning a new language or culture. Students will develop an understanding of how these differences can be used as a positive rather than negative resource in the teaching-learning process.

EDFN-314K. Social Justice And The Politics Of Education. 3 Hours.

In this course, students will examine social justice concerns in educational policy and practice. This course will explore theories and debates about social justice goals and themes, and education. Through our study of critical issues in education globally and locally, we will explore ideas about the role of education in society. The following questions are central to the course: What concepts and conditions constitute "social justice"? What kind of education is needed in a democracy? What is the relationship between schooling and participation in democratic life?.

EDFN-314L. Gender, Race, And Class Issues In Education. 3 Hours.

This course focuses on the role of the educational system in the constructions and reproduction of gender and racial inequality. Using both academic and popular literature to gain perspectives, we will examine relationships between school and society. Topics to be addresses include the historical constructions, representation of schooling and the teaching profession, popular culture and education, class and schooling, access and equity of schooling experiences, as well as sexuality and schooling.

EDFN-321. Group Dynamics In Educational Settings. 3 Hours.

Study of principles of group dynamics as they affect classroom behavior. Development of skills in observing, recording and analyzing group phenomena, in creating and facilitating effective groups, in developing supportive environments and in group leadership. Course topics include communication, leadership, norms, subgroups and cliques, ability grouping, small group projects, peer teaching and group approaches to discipline problems. Reading and discussion of group dynamics literature, observation and analysis of classrooms, group investigations of specific topics and practice in group leadership skills.

EDFN-322. Introductory Statistical Analysis In Education. 3 Hours.

An introduction to statistical analysis with special focus on methods employed in educational research and evaluation. Topics include descriptive statistics, correlational techniques, elementary probability theory and elementary parametric and non-parametric statistical tests of hypotheses. Emphasis is placed on theoretical foundations, computational skills and computer utilization.

EDFN-342. Teaching With Technology. 3 Hours.

This course focuses on instructional use of computer technology and helps students develop technology integration skills. Students will understand how to enhance learning experiences through meaningful integration of technology. They will learn to use different programs and tools to facilitate teaching and learning in classrooms.

Prerequisite: College of Education Admission YES.

EDFN-343. Using Technology In Classrooms. 2 Hours.

This course focuses on the instructional use of computer technology and helps students develop foundational skills in technology integration in K-8 classrooms. Students will understand how to enhance learning experiences through meaningful integration of technology. They will learn to use different programs and tools to facilitate teaching and learning in classrooms.

EDFN-350. Philosophy Of Curriculum Integration In Middle Grades. 3 Hours.

This course focuses on the philosophical, theoretical, and practical tenets of middle level education. The course explores interdisciplinary project-, problem-, and challenge-based curriculum to learn various approaches for developing cohesive, integrated curriculum and authentic assessment in the middle grades 5-8. Particular attention will focus on developing skills through inquiry and justice-oriented projects that transcend disciplinary boundaries and are relevant and responsive to students' questions and curiosities.

Prerequisites: EDFN-305 minimum grade of C and EDFN-319 minimum grade of C and ELED-300 minimum grade of B and SPED-317 minimum grade of B and MLED-302 minimum grade of B and MLED-310 minimum grade of B and BLBC-338 minimum grade of B and MLED-328A minimum grade of B and ELED-303 minimum grade of B and MLED-309 minimum grade of B and MLED-305 minimum grade of B.

EDFN-405. Development Of Educational Thought. 3 Hours.

An examination of the historical development of American education and some of its antecedents. A study of the educational theories of selected philosophies; an examination of the purposes of education in pluralistic America; an evaluation of educational institutions and practices in terms of present circumstances.

EDFN-406. Human Development And Learning. 3 Hours.

The study of theories and principles of development of school age children and youth. Focus on current theories and research and their implications for learning and identification of teaching practices that facilitate the acquisition of intellectual and social skills of children and youth. Attention to characteristics covered by PL.94-142 as well as differences due to social, cultural and ethnic factors. Twenty hours of classroom observation required.

EDFN-407. Learning Theories And Educational Practices. 3 Hours.

Analysis of classroom learning and management in terms of principles and theories of learning and motivation and recent research on effective teaching. Twenty hours of classroom observations required.

Prerequisite: College of Education Admission YES.

EDFN-410. Education As A Social Institution. 3 Hours.

Study of the school as a social system and as an institution which influences and is shaped by other institutions of society. Particular attention is given to urban education. Laboratory experiences are expected.

EDFN-411. Comparative Education. 3 Hours.

This course provides the student in the College of Education with an opportunity to study a variety of critical issues and current topics which relate to the fields of comparative and international education. This course will provide students with an opportunity to utilize Internet and other distance education opportunities. Students participating in this course will also have the option of participating in an educational experience outside of the United States. This international experience is designed to enhance the students's mastery of international and comparative education elements of the course topic.

EDFN-411A. Comparative Education:Higher Education. 3 Hours.

This course provides the student with an opportunity to development, structures, governance of, and critical issues of higher education systems in the United States with those of another country.

EDFN-411B. Comparative Education:Leadership. 3 Hours.

This course provides the student with an opportunity to analyze leadership not only as an understandable process, but also as a universal one by comparing and contrasting leadership theories, practices and actions as they are applied in social and educational systems different from the United States.

EDFN-411C. Comparative Education:Middle School Culture. 3 Hours.

Opportunity to study a variety of critical issues and topics related to middle school culture, especially comparing diverse middle school. Topics include the sociology and anthropology of school culture; development of diverse middle school cultures, interpersonal communication to work with diverse high needs students and their families; community-based support programs for diverse middle school; functional differences between various middle school and other school cultures. Special emphasis will be placed on learning and practicing the roles and skills of group leadership within a participatory, cooperative, adventure and team-based culture.

EDFN-413. Power, Communities And Change. 3 Hours.

The purpose of this course is to provide a forum and structure for community and school leaders to increase their understanding of school-community relations while enhancing their ability to implement effective programs and act as change agents. Participants will deepen their understanding of salient and critical global and local policy issues and develop skills to actively and participate in the public life of their communities. Course involves out of class time activities and community engagement.

EDFN-416. Cultural Pluralism And Schools. 3 Hours.

The study of multicultural groups: differences and commonalities. Special emphasis is on the investigation and evaluation of various concepts and models of cultural and subcultural relationships as manifested in the schools. Study and application of ethnographic methods to sub-cultures related to and within the educational context.

EDFN-419. Adolescent Development And Educational Practice. 3 Hours.

In-depth study of theory and research related to adolescent behavior and development as these affect learning and classroom behavior. Classroom observation required.

EDFN-420A. Seminar In Development & Learning: Contemporary Issues In Middle Level Education. 3 Hours.

This course examines theory and key components involved in middle level education settings relating to historical and contemporary issues facing middle schools. In focusing on historical, organizational, and philosophical characteristics of middle schools, and how these impact middle level education as well as educators, the course explores social and cultural issues and their impact on middle level students, and his/her school. Topics are include but not limited to an overview of challenging curriculum and instruction, empowering and equitable schools and classrooms for all middle level students and their families, and dealing with special aspects of middle school design and development.

EDFN-421. Middle School Advisory & Counseling. 3 Hours.

This course emphasizes the ways middle school teachers can help meet the developmental needs of early adolescents through consultation, collaboration and counseling. Content includes key elements of an effective middle school guidance program and how to implement these elements in schools; the developmental characteristics and needs of early adolescents as related to the development of school guidance, advisory, special education and regular education programs and the teacher advisor as a communicator, student advocate, supporter-confidant and home-school liaison who can assess, coordinate and refer students for various health, social and special needs services.

EDFN-441. Digital Literacy: Learning And Leadership. 3 Hours.

This course is intended to foster digital literacy among participants as it applies to education and leadership. Course content will emphasize contemporary issues and utilize authentic learning experiences to improve participants' digital technology knowledge and skills. Through the improvement of technology knowledge and skills, participants' leadership capacity will be developed or enhanced so that they may be able to use technology effectively as school leaders or community leaders.

EDFN-442. Media Technology For Educators. 3 Hours.

The media technology course will encompass all types of curricular/learning materials in varied formats ζ CD-ROM, laser disc technology, telecommunications, satellite learning, and online databases. Multimedia educational software will be integrated into computer instruction in multicultural/multiethnic learning presentations. Electronic data management, classroom application, and integrated learning systems will be utilized in educational settings.

EDFN-443. Integrating Media Technology Into Elementary Classroom. 3 Hours.

This class will familiarize participants with media and technology for instructional use in K-8 classroom settings. Participants will learn to utilize current media technology to enhance teaching, learning, and assessments. The learning activities in this class include the development of projects that enhance the creativity and media technology knowledge base of teacher candidates. This knowledge base will be developed through readings, interactive discussions, reflections, creative process, and presentations. This course focuses on both the knowledge and skills needed to use technology to teach, to design curriculum, and also to enable elementary students use the technology in their assignments.

EDFN-450. Philosophy Of Inquiry- And Problem-Based Learning In Middle Grades. 3 Hours.

This course focuses on the philosophical, theoretical, and practical tenets of inquiry- and problem-based curriculum in middle level grades 5-8. The course both exposes and immerses candidates in the processes of designing and enacting integrated and interdisciplinary curriculum and developing authentic assessments. Particular attention will focus on developing competencies for creating justice-oriented, culturally relevant and responsive curricula centered on students' questions, interests, and ideas. Taken concurrently with ONE of the following in the candidate's endorsement area: LTCY-502 Reading; MLED-403 Teaching Math; MLED-415 Inquiry Science MS; MLED-416 Social Studies MG.

Prerequisites: ELED-506 minimum grade of C and EDFN-442 minimum grade of C and ELED-435 minimum grade of C and ELED-504 minimum grade of C and LTCY-513 minimum grade of C and SPED-404 minimum grade of C and BLBC-440 minimum grade of C and EDFN-405 minimum grade of C and ELED-525 minimum grade of C.

EDFN-451. Research Methods. 3 Hours.

The purpose of this course is to help develop knowledge, skills and dispositions related to standardized and action research methods. This course will include quantitative, qualitative and mixed methods designs, data collection, analysis and interpretation as they relate to teaching and leadership. Students will understand how assessment is used to improve learning and achievement, how professional development improves learning and how leadership enhances learning and development.

EDFN-455A. Seminar I. 3 Hours.

This seminar provides an opportunity for students to synthesize educational, intellectual and experiential interests. Students apply relevant research to their area of inquiry and utilize this research to write a master's level research paper. This process will involve both intensive individual work and significant engagement with peers' projects creating an interdisciplinary learning community through interaction and collaboration. Students are expected to follow a prescribed procedure under the direct guidance and supervision of the instructor that will produce a research proposal.

EDFN-455B. Seminar II. 3 Hours.

This seminar provides an opportunity for students to synthesize educational, intellectual and experiential interests. Students apply relevant research to their area of inquiry and utilize this research to write a master's level research paper. This process will involve both intensive individual work and significant engagement with peers' projects creating an interdisciplinary learning community through interaction and collaboration which implements a research proposal and culminates in a completed research study. Students are expected to follow a prescribed procedure under the direct guidance and supervision of the instructor.

EDFN-458M. Practicum:Experiences In Diverse Middle School. 3 Hours.

Purpose of this course is to provide the student with a supervised experience in the application of the principles associated with an effective middle school program by participating in developing and implementing action research targeted to build one's own teaching activities related to middle school. This course requires 100 hours of a combination of experiences within and beyond one's own classroom.

EDFN-490. Adult Learner. 3 Hours.**EDFN-492. Social Justice Education In Schools. 3 Hours.**

This course engages students in an examination of historical and contemporary approaches to promoting equity and justice in K-12 education, including curricular, pedagogical, and policy-related interventions. Topics include but are not limited to the relationship between social justice education and student outcomes, strategies for enacting social justice in standards-based classrooms, and approaches to designing, implementing and evaluating social justice curriculum and policy.

Inner City Studies Education

ICSE-101. Development Of Inner City Children. 3 Hours.

An examination of traditional theories of child growth and development in light of recent findings of interdisciplinary research on the behavior of disadvantaged children in urban settings. Special emphasis on inner city family structures as well as those informal and formal systems that contribute to personality formation.

ICSE-102. The Paraprofessional In The Inner City School. 3 Hours.

Introduction to educational philosophies and teaching techniques relevant to inner city schools from pre-school through upper elementary grades as they pertain to the paraprofessional (teacher aide). Considerable focus on teacher aide-pupil relationships and teacher aide-parent relationships. Special projects will deal with practical classroom situations and motivational techniques. Students will be exposed to new materials and media and trained to select those especially applicable to inner city youth.

ICSE-103. Introduction To Inner City Studies. 3 Hours.

An overview to of the problems of minority groups in large urban settings. Includes the study of mental and physical health and community services.

ICSE-104. Introduction To Ethno-Musicology. 3 Hours.

An introduction to the music of each Ethnic group: Spanish (Latin) descent, African-American and Native American with historical analysis of each group's musical origins.

ICSE-105. Urban Art Forms. 3 Hours.

Survey of contemporary art forms that compare themes, types of materials and designs with those of the past.

ICSE-106. Inner-City Behavior Patterns. 3 Hours.

A psychological approach to the distinctive life-style patterns that permeate all facets of inner city living.

ICSE-201. History And Culture Of Ethnic Groups In America. 3 Hours.

An examination of religious, social, economic, and political aspects of ethnic groups in the United States, namely: Spanish descent, African-Americans, American Indians, etc.

ICSE-202. Colonial Systems. 3 Hours.

An examination of the history, culture, politics, and economics of external and internal colonialism from the 17th century to the present. Restricted to undergraduates.

ICSE-203. Revolutionary Movements. 3 Hours.

Comparative study of various contemporary revolutionary movements including domestic revolts.

ICSE-204. Introduction To African Civilizations. 3 Hours.

An introductory survey of African civilizations, concerned with the major culture of Africa before the invasions by the modern, Western European nations of the 15th and 16th centuries.

ICSE-205. Ethnic Politics In America. 3 Hours.

A study of the way various ethnic and social groups relate to local and national politics. Examination of the various ways by which ethnic groups in America have obtained political strength. It will investigate ethnic activities in this area on the local and national levels.

ICSE-301. Racism In Theory And Fact. 3 Hours.

Study of race and culture as related to social and racist theories. Focus will be on such issues as prejudice, racial superiority and racial group interaction.

ICSE-302. The Inner City Community. 3 Hours.

The study of the politics, economics, and social structure of the inner city. In addition, the ecological approach will be covered.

ICSE-303. Writing Intensive Program: Research Design And Methodology. 3 Hours.

Research Design and Methodology examines the literature and theories that relate to research of urban communities. The course will focus on the design of research projects and the methods of data collection used in researching urban phenomena.

Prerequisite: ENGL-101 minimum grade of C.

ICSE-304. Communication In The Inner City. 3 Hours.

An examination of the cultural barriers and racial myths which impede inter-cultural communication. Development of a theory of inter-cultural communication with emphasis on means of disseminating ideas, news, and propaganda in inner city communities.

ICSE-305. Business, Welfare, And Labor Systems In America. 3 Hours.

A study of political, economic, and social aspects of the labor welfare economy as related to group structure. Problems posed by automation, cybernation, and discrimination will be studied in-depth.

ICSE-324. Problems In Testing Inner City Children. 3 Hours.

Special problems in administering, interpreting and constructing tests for inner city children.

ICSE-326. Language Behavior In Inner City Communities. 3 Hours.

Review of the literature and research on language problems in the inner city, methods and programs for speech, reading and listening improvement and utilization of learning aids.

ICSE-327. Seminar In Administrative Practicum. 2 Hours.

Designed to provide orientation, overview and evaluation of practicum experience. Must be taken concurrently with ICSE-328.

Prerequisite: ICSE-305 minimum grade of D or ICSE-305 minimum grade of D.

Corequisite: ICSE-328.

ICSE-328. Administrative Practicum. 4 Hours.

A ten week assignment in an inner city administrative unit, governmental or private. Designed to give the student experience in administration and administrative problems of various agencies and organizations. The student will be supervised by a cooperating administrator working with the faculty practicum supervisor. Must be taken concurrently with ICSE-327.

Prerequisite: ICSE-305 minimum grade of D or ICST-305 minimum grade of D.

Corequisite: ICSE-327.

ICSE-329B. Constitutional Issues And Race Relations. 3 Hours.

This course is designed to give a brief look into one of the greatest written constitutions of any country, and its effect on inner city communities with particular emphasis on race and issues presented as a result of legal and administrative enforcement of the constitution. The course is structured in a manner to encourage reading, research, critical thinking, and analytical writing.

ICSE-329C. Inner City Organization And Institution Building. 3 Hours.

This course is primarily a survey of the socio-political dynamics of inner city organization and institution building. An ecological framework will be utilized to guide our examination. The course will encompass three principal areas of concern: 1. an over-view of organizations and institutions within the context of social organization; 2. issues relevant to inner city organization and institution building; 3. methodological tools to develop a proposal to conduct an ethnographic study of the Jacob H. Carruthers Center for Inner City Studies at Northeastern Illinois University. Moreover, current social findings concerning inner city organization and institution building will be examined.

ICSE-329D. Advanced Ethnomusicology. 3 Hours.

This course is intended to provide students with a clear knowledge base for research in the field of ethnomusicology. The course will engage students in research approaches that have evolved to define this discipline, and to encourage new and creative approaches which will inspire investigations that will enhance and evolve the field. The focus of the course is centered in the development and coordination of field research, comparisons of music in various cultural contexts, and evaluating and incorporating data. Research incentives and initiatives will be drawn from prescribed readings, class discussions, and a model project designed by the instructor.

ICSE-329E. The Oral Tradition & The Inner City Community. 3 Hours.

This course explores the social, political, and cultural forces that influence hip hop culture and the rap music industry. Ecological conceptual models will be used to determine if multinational media conglomerates function as one massive empire that uses some aspects of the rap music industry as cultural imperialism, or if they are simply involved with hip hop for classic capitalism purposes, or a combination of both.

ICSE-329F. Contemporary Issues In The Inner City. 3 Hours.

This course focuses on the contemporary issues surrounding inner city communities in the United States. It specifically examines the economic, political, educational, and environmental underpinnings of such communities. Throughout this course dilemmas effecting inner city communities, specifically, miseducation and the misuse and abuse of economic and political power are discussed, debated and researched. In addition, the discussion of racism as the underlying cause of the historic and contemporary issues in the inner city is explored.

ICSE-329G. Comparative Inner City Communities. 3 Hours.

Course examines historical and contemporary aspects of inner city life in major urban areas in the United States and abroad. It will include the study of the demographics, politics, economics, and social structure, as well as the systems and institutions which affect these inner city communities. The central focus of the course is the comparative exploration of the nature and function of the historical and contemporary role of inner city communities within major cities internationally. The course is research-oriented. Students are organized into teams to explore two major cities in each of the countries: United States, Africa, Caribbean, and Europe.

ICSE-329H. Inner City Development. 3 Hours.

This course examines the development in inner city communities in the city of Chicago since 1970 and tracks future plans for development. Students will examine the economic, political, social and cultural development of inner city communities and how this development impacts the residents of these communities. This examination will include a thorough look at the development efforts of the city, state, and federal governments, as well as the efforts of private and non-profit agencies.

ICSE-329I. History And Culture Of The Caribbean. 3 Hours.

This course is designed to explore the history and culture of the Caribbean since the 15th century. The impact of European exploration, imperialism, colonialism, and slavery on indigenous populations and African people will be investigated. African responses to the transatlantic slave trade system will be examined. The intent of this course is to assist students in developing knowledge, critical reading and thinking skills, and research and writing skills.

ICSE-329L. African Communications. 3 Hours.

This course is designed to examine verbal and non-verbal communication in African and African American culture, including speaking, writing, the visual arts, song, instrumental music, dance, and film. Perspectives on linguistic and artistic expression will be explored. The role of the "Creative World" in communication will also be considered. Approaches to building cultural knowledge, competence, and literacy will be analyzed. Lectures and discussion will inform instruction.

ICSE-329M. Urban Africa. 3 Hours.

This course is designed to discuss and analyze urban African societies. It also focuses on the conflicts and historical developments within African Nation-States and the impact of European Colonialism on their development. Emphasis will be placed on analyzing the social, economic, political, and military aspects of state formation and its value to the worldwide African community of the past as well as its impact on contemporary society.

ICSE-329N. African Education. 3 Hours.

This course is designed to discuss and analyze various aspects of Traditional African Education. It also focuses on the conflicts and historical development of various ideas surrounding the question of Traditional African Education and African-Centered Education as they relate to educational, psychological, sociological, and political thoughts which impact the current African world community. The materials incorporated will reflect the cultural, anthropological, linguistic, psychological and philosophical factors impacting the historical development of African Education.

ICSE-329O. West African Life, History, And Culture. 3 Hours.

This course will define the Eurocentric worldview vs. the African-Centered worldview. It will trace civilization back to its African origins and highlight ancient West African history, specifically that of Ghana, Mali, and Songhai. Finally, we will examine the resistance and fall of West Africa and the loss of West African intellectual property, as well as how the history of West Africa is becoming increasingly relevant to the lives of Africans throughout the Diaspora today.

ICSE-329P. History Of Africa. 3 Hours.

This course is designed to discuss and analyze various aspects of African Civilizations. It also focuses on the conflicts and historical development of various pre-colonial African kingdoms to the rise of Eurasian colonialism and the Slave Trade. Emphasis will be placed on analyzing the relationship between ancient Eurasian and African contacts in the past and the impact it has on present day dynamics and circumstances. The materials incorporated will reflect the cultural, anthropological, linguistic and psychological factors impacting the historical development and the current status of African people.

ICSE-329R. Alternative Political Systems: Pan Africanism or Marxism. 3 Hours.

This course is designed to provide students with the historical backgrounds of the Pan African Movement and Marxism. The course will also familiarize students with the latest trends and developments regarding the present day Pan African Movement and the continued interplay between Marxist ideology and its relationship to the newly established African Union.

ICSE-329T. Black Politics In Urban America. 3 Hours.

Students are introduced to the history, theories, and contemporary practice of Black Politics in Urban America. Course examines historical and contemporary structure and political system of the African American Community from an interdisciplinary perspective. It examines the political and historical foundations of the African political system, its survival and adaptation to the changing American political terrain. It examines cultural and political behavior from the enslaved African regime to present Urban America by utilizing concepts of urban politics and inner city studies as the prism from which to review the passage of time and structural changes in the last three centuries.

ICSE-329U. The Political History Of Black Chicago. 3 Hours.

This course is designed to acquaint students with the history of Black Chicago's political struggle from the early beginnings of the city to the present to facilitate awareness of their political environment and how it affects their lives and the lives of inner city residents. In addition, the course is designed to assist the student in developing research and writing skills by examining the rich store of primary source material available relative to the political history of Black Chicago.

ICSE-329V. Elite Theory & American Democracy. 3 Hours.

The purpose of this course is to examine social organization and theories of power to determine who really rules America. Moreover, we will delve into the process of how the power elite maintain and enhance their power in society. Edward Shils reminds us that society has a center. Our goal will be to examine this "center" to determine how it impinges in various ways on those who live within American society.

ICSE-329W. Inner City Institutions. 3 Hours.

This course examines the various institutions in inner city communities and the roles they play within these communities. The course will specifically evaluate the political economy generated by these institutions which are created, funded, and operate from sources outside of the inner city community. The topic of fiscal budgeting and management of the city government and how it relates to inner city institutions, as well as the institutional generation and allocation of funds will be examined to analyze how the funding process facilitates structural advantages and/or disadvantages in the inner city community.

ICSE-331. Literature Of Ethnic Groups. 3 Hours.

Approach to the study of ethnic cultures through literature written by and about those groups; study of literary works concerned with African descendents, Southern Mountain Whites, American Indians, Cubans, Mexican and Puerto Ricans. Insight into the cultural attributes of these groups through the reading of novels, plays, biographies, essays, poems and short stories.

ICSE-348. Intergroup Dynamics. 3 Hours.

Study of how to help pupils and parents of different races interact harmoniously; practice in directing activities that will enhance intercultural relationships through such techniques as role playing, panel discussions and public speaking.

ICSE-411. Graduate Study In The Inner City. 3 Hours.

An introduction to graduate study of the conflict of cultures in the United States, especially between the dominant culture and African-Americans, American Indians, Southern Mountain Whites, Cubans, Mexicans and Puerto Ricans. Special emphasis will be given to educational problems facing these groups. This course is required and should be taken early in the student's program.

ICSE-412. Behavior Patterns In The Inner City. 3 Hours.

The study of inner city behavior patterns which result in agency intervention.

ICSE-413. The Idioms Of Afro-American Communities. 3 Hours.

The oral communication characteristics and language patterns peculiar to African-Americans in urban areas.

ICSE-414. History And Culture Of Southern White Migrants. 3 Hours.

History of the Southern White Migrants, treated in conjunction with an examination of the cultural patterns of the people; major emphasis on the family, religion, education and economic status and their respective roles in the transition from a rural to an urban way of life.

ICSE-415. History And Culture Of Spanish Speaking Americans: Mexican, Puerto Rican And Cuban. 3 Hours.

Cultures of Puerto Rican, Mexican and Cuban, studied against their historical backgrounds; special attention given to an understanding of the individual's problems in transition from peasant to urban societies.

ICSE-416. History And Culture Of Afro-Americans. 3 Hours.

African derivation and the culture of American slavery; urban and rural existence; development of the emergent African-American middle-class.

ICSE-417. History And Culture Of American Indians. 3 Hours.

Treatment of the general history and distribution by cultural areas of the North American Indian; description and analysis of representative Indian values undertaken in order to understand the problems in the process of change from tribal to non-tribal systems.

ICSE-425A. Comparative Religion & Philosophical Systems. 3 Hours.

This course is designed to discuss and analyze the nature of the conflict between the growth of early African Christianity and its rival in Europe. It will examine the various African and European thinkers whose discourses were instrumental in the earliest development of Christian philosophy, dogma and praxis. It will also explore the various ecumenical councils that were convened to discuss philosophical issues impacting the current worldview in Western theology. In addition the course will assess the content and context of the notion of "heresy" as a tool in Western theological and intellectual warfare against early African thought.

Prerequisite: ICSE-411 minimum grade of C or ICST-411 minimum grade of C.

ICSE-425B. African Civilization. 3 Hours.

This course is designed to discuss and analyze various aspects of African Civilizations. It reviews the conflicts and historical development of various pre-colonial African kingdoms to the rise of Eurasian colonialism and the Slave Trade. Emphasis will be placed on analyzing the relationships and values of the world African community of the past and the impact it had on circumstances today.

Prerequisite: ICSE-411 minimum grade of C or ICST-411 minimum grade of C.

ICSE-425C. The African World View. 3 Hours.

This course is designed to discuss and analyze aspects of the African World View. It also focuses on the conflicts and historical developments of various ideas surrounding the question of African Centeredness and Pan-Africanism as it relates to educational, psychological, sociological, and political thoughts which impact the African world community.

Prerequisite: ICSE-411 minimum grade of C or ICST-411 minimum grade of C.

ICSE-425E. African And Caribbean Traditions And Religion. 3 Hours.

This course is a comparative analysis of the traditions and religious practices of Africans and Africans in the Caribbean. It is designed to assist graduate students in developing knowledge, skills, techniques, writing, and research skills. This course will explore the variety of religious institutions on the African continent and in the African Diaspora.

Prerequisite: ICSE-411 minimum grade of C or ICST-411 minimum grade of C.

ICSE-425F. The African-American Church As A Political Instrument. 3 Hours.

This course is designed to discuss and analyze various aspects of the African American church and its impact as a political instrument within the worldwide Black community. This course examines the indigenous spiritual experiences of African people in Africa, their impact on the growth and development of Christianity, Islam and Judaism in Africa, the Caribbean and Central, South, and North America. It will demonstrate that each development was a response to the conditions in which Africans found themselves in the Diaspora as well as means of liberation, theologically, psychologically, socially, politically, and economically.

Prerequisite: ICSE-411 minimum grade of C or ICST-411 minimum grade of C.

ICSE-426. History And Philosophy Of Black Education. 3 Hours.

Examination of the historical and social forces surrounding the issues of Black education in America, from 1800 to the present. It is within the scope of this course to help the student recount and reconstruct, as near as possible, the crucial social controversies, their advocates, and the century-old evolution of schools of thought on Black educational theory.

Prerequisite: ICSE-411 minimum grade of C or ICST-411 minimum grade of C.

ICSE-427A. The African American Community. 3 Hours.

This course is designed to create an understanding of the origin, travail, and future of the African American Community. It traces the historical foundations of African American life and culture through time from the slave regime to contemporary times by utilizing the concepts of family and community as the prism from which to review the passage of time and the structural changes over the past 500 years.

Prerequisite: ICSE-411 minimum grade of D or ICST-411 minimum grade of D.

ICSE-427E. The Multi-Ethnic Society. 3 Hours.

This course is designed to create a participatory learning community to explore the historical development, the structure, and the function of ethnic groups in the Global Community. It will explore the origin of major ethnic groups, the African ethos, cultural development in the major ethnic regions, and the impact these developments have had on the world as a whole.

Prerequisites: (ICSE-411 minimum grade of C or ICST-411 minimum grade of C) and ICSE-442 minimum grade of C.

ICSE-428. The Urban World. 3 Hours.

This course is an examination of the urban communities in which peoples of African descent reside, the evolving urban patterns, and the changing nature of urban life in these areas of the world. It looks at the realities of "slum" existence, factors behind the creation of slums, the policies that govern urban communities, and the limitations of these policies in many developing countries. Many major cities were founded on "squatter-style" neighborhoods. We further explore the growing challenges and issues presented by these urban areas in an increasingly globalized world. Further we will conduct comparative analyses of some of these communities.

Prerequisites: ICSE-411 minimum grade of C and ICSE-442 minimum grade of C.

ICSE-431. Seminar In Inner City School Problems.. 3 Hours.

Problems of curriculum, counseling, instruction, facilities, school attendance, the gang, etc.; students to do research and present papers on special problem areas and their relationship to school and community. The student will complete a master's report, emphasizing participation in some activity related to inner city education, with approval of instructor. The report may take the form of demonstrations, copies of interviews, a written report, etc.

ICSE-432. Curriculum Development In The Inner City. 3 Hours.

A consideration of the life needs, the assets and the disabilities of the inner city child, and the adjustment of the curriculum to improve the child's learning experiences. Emphasis will be placed on the theory of curriculum construction and the needs of inner city children.

Prerequisite: ICSE-411 minimum grade of C or ICST-411 minimum grade of C.

ICSE-441. Cultures Of The Inner City. 3 Hours.

Intensive comparative analysis of the way of life of America's urban poor and their relationship to the larger society.

Prerequisite: ICSE-411 minimum grade of C or ICST-411 minimum grade of C.

ICSE-442. Research Methods In Inner City Studies. 3 Hours.

Research design and analysis of data; methods for collecting and interpreting data, observation, formulation of hypotheses, techniques of interviewing, questionnaire construction, and writing of reports; primary objective of the course is to train students to read research studies with understanding and to apply the findings to classroom instruction.

ICSE-443. Research Writing. 3 Hours.

Advanced instruction in writing reports, proposals, papers and thesis. Consideration of form and style. Methods of writing critiques of research studies.

Prerequisites: (ICSE-411 minimum grade of C or ICST-411 minimum grade of C) and (ICSE-442 minimum grade of C or ICST-442 minimum grade of C).

ICSE-444. Methods Of Teaching In The Inner City. 3 Hours.

Curriculum development and adjustment to meet the needs of inner city pupils; new approaches to teaching the "hard to reach" pupil; students to develop units in their own major teaching areas, utilizing new materials and techniques.

Prerequisite: ICSE-411 minimum grade of D or ICST-411 minimum grade of D.

ICSE-445. Independent Study In Inner City Studies. 3 Hours.

Intensive study of topics related to student;s program.

ICSE-451. Research And Thesis. 3 Hours.

Supervision and advisement in evolving thesis problems and in writing the thesis.

ICSE-452. Field Internship. 3 Hours.

An opportunity to work with disadvantaged children in varied social agencies that serve these youngsters in their communities; the student to function as participant-observer by assuming an active work role in the various programs offered by the agencies, thereby allowing close, intimate contact with the children and their parents; agency staff supervision, as well as regular attendance at staff conferences, to enable the student to gain working insight and understanding of the philosophy of the agency program; to be taken concurrently with ICSE-453.

ICSE-453. Seminar In Field Internship. 3 Hours.

A companion course to field internship; formulation of operational principles of understanding and working through various problems that arise in the student's interaction with disadvantaged youngsters in the field; clarification of the student's attitudes and feelings as determinants in the relationship and learning processes; to be taken concurrently with ICSE-452.

ICSE-454. Masters Project Research. 3 Hours.

Supervision and advisement in evolving a research project and in writing research results.

Secondary Education

SCED-301. Writing Intensive Program:Methods Of Teaching On The Secondary Level. 3 Hours.

This course prepares students to become professional secondary educators by examining theories and methods of effective teaching, including: selecting, organizing, and using materials and methods common to varied subject areas in the secondary schools to meet individual student needs, including the needs of exceptional children; developing and writing of lesson plans and unit plans; facilitating class discussion; and managing discipline.

Prerequisites: EDFN-305 minimum grade of C and EDFN-306 minimum grade of C and College of Education Admission YES and ENGL-101 minimum grade of C.

SCED-303A. Contemporary Art Education In The Secondary School. 3 Hours.

Designed to develop inquiry and understanding of many problems of communicating or teaching art in the secondary school. Emphasis on planning and methodology to meet individual student needs, including needs of exceptional students. To be taken before student teaching in the Spring semester.

Prerequisite: College of Education Admission YES.

Corequisite: SCED-304A.

SCED-303E. Methods Of Teaching English In The Secondary School. 3 Hours.

Introduction to the methods, techniques and materials for teaching English in secondary school. Emphasis on planning and methodology to meet individual student needs, including needs of exceptional students. To be taken with SCED-304E.

Prerequisites: SCED-301 minimum grade of C and College of Education Admission YES.

SCED-303F. Teaching Modern Foreign Languages In The Secondary School. 3 Hours.

Introduction to the methods, techniques and materials for teaching foreign languages in the secondary school. Emphasis in on mastery of selected skills on a performance basis and meeting individual student needs. Prior to taking methods in foreign language (SCED-303F), students must score an "Advanced Low" or higher rating on the Oral Proficiency Interview (OPI).

Prerequisite: College of Education Admission YES.

Corequisite: SCED-304F.

SCED-303H. Methods Of Teaching History In The Secondary School. 3 Hours.

Demonstration of specific organizational patterns and teaching methods in history, teaching for critical thinking and trends in the teaching of history. Emphasis on planning and methodology to meet individual student needs, including needs of exceptional students. To be taken with SCED-304H.

Prerequisites: SCED-301 minimum grade of C and College of Education Admission YES.

SCED-303I. Methods And Techniques Of Teaching Music In Secondary School:Instrumental. 3 Hours.

Methods and materials utilized in teaching and organizing music classes and performing groups in the secondary schools; major emphasis upon general music classes, music rehearsal, and performance problems in vocal music.

Prerequisites: MUS-391 minimum grade of C and SCED-311 minimum grade of C and College of Education Admission YES.

SCED-303J. Methods Of Teaching Middle And Junior High Mathematics. 3 Hours.

Prerequisite: College of Education Admission YES.

SCED-303M. Methods Of Teaching Mathematics In The Secondary School. 3 Hours.

Strategies for teaching concepts, principles and mathematical skills. Emphasis on problem solving, proof and planning and methodology to meet individual student needs, including needs of exceptional students. To be taken with SCED-304M.

Prerequisites: SCED-301 minimum grade of C and College of Education Admission YES.

Corequisite: SCED-304M.

SCED-303R. Materials And Methods For Teaching High School Science. 4 Hours.

Interpretation of the content and structure of those areas of natural sciences generally included in secondary school curricula; recent developments in curriculum organization and teaching materials; methods of teaching in the classroom and laboratory, including team teaching and other individualized guided study programs. Emphasis on planning and methodology to meet individual student needs, including needs of exceptional students. Offered during Fall term only.

Prerequisites: SCED-301 minimum grade of C and College of Education Admission YES.

Corequisite: SCED-304B.

SCED-303V. Methods And Techniques Of Teaching Music In Secondary Schools:Vocal. 3 Hours.

Methods and materials utilized in teaching and organizing music classes and performing groups in the secondary school; major emphasis upon general music classes, music rehearsal and performance problems in instrumental music.

Prerequisites: MUS-391 minimum grade of C and SCED-311 minimum grade of C and College of Education Admission YES.

SCED-304A. Clinical Experiences In The Secondary School:Art. 1 Hour.

A supervised clinical experience designed with less emphasis on observational experiences and more on direct involvement in the instructional process. Requires experience with broad range of students, including exceptional students. To be taken with the academic methods course, SCED-303A.

Prerequisite: College of Education Admission YES.

Corequisite: SCED-303A.

SCED-304B. Clinical Experiences In The Secondary School:Biology. 1 Hour.

A supervised clinical experience designed with less emphasis on observational experiences and more on direct involvement in the instructional process. Requires experience with a broad range of students, including exceptional students. To be taken with the academic methods course SCED-303R.

Prerequisite: College of Education Admission YES.

Corequisite: SCED-303B.

SCED-304E. Clinical Experiences In The Secondary School:English. 1 Hour.

A supervised clinical experience designed with less emphasis on observational experiences and more on direct involvement in the instructional process. Requires experience with a broad range of students, including exceptional students. To be taken with the academic methods course, SCED-303E.

Prerequisite: College of Education Admission YES.

Corequisite: SCED-303E.

SCED-304F. Clinical Experiences In The Secondary School:French. 3 Hours.

Score of Advanced Low or higher on OPI.

Prerequisite: College of Education Admission YES.

Corequisite: SCED-303F.

SCED-304H. Clinical Experiences In The Secondary School:History. 1 Hour.

A supervised clinical experience designed with less emphasis on observational experiences and more on direct involvement in the instructional process.

Requires experience with a broad range of students, including exceptional students. To be taken with the academic methods course, SCED-303H.

Prerequisite: College of Education Admission YES.

Corequisite: SCED-303H.

SCED-304J. Foreign Language Clinical Experience In The Secondary School. 3 Hours.

Supervised direct involvement in the instructional process for students taking the academic major methods course; four hours of direct involvement

in the instructional process; four hours of clinical experience per week. Prior to taking clinical experience (SCED-304J), students must score an

"Advanced Low" or higher rating on the Oral Proficiency Interview (OPI).

Corequisite: SCED-303F.

SCED-304M. Clinical Experiences In The Secondary School:Mathematics. 1 Hour.

A supervised clinical experience designed with less emphasis on observational experiences and more on direct involvement in the instructional process.

Requires experience with a broad range of students, including exceptional students. To be taken with the academic methods course, SCED-303M.

Prerequisite: College of Education Admission YES.

Corequisite: SCED-303M.

SCED-305A. Secondary Student Teaching And Seminar In Art. 9 Hours.

Sixteen weeks of full-day student teaching providing practical teaching experience in one or more levels of secondary school art. Supervised by

secondary school personnel and a university supervisor, who conducts a weekly two-hour seminar associated with student teaching. Requires

experience with a broad range of students, including exceptional students. To be taken during Spring semester.

Prerequisites: SCED-301 minimum grade of C and SCED-303A minimum grade of C and Illinois Content Area Test PASS.

SCED-305B. Secondary Student Teaching And Seminar In Biology. 9 Hours.

Sixteen weeks of full-day student teaching providing practical teaching experience in one or more levels of secondary school biology. Supervised

by secondary school personnel and a university supervisor, who conducts a weekly two-hour seminar associated with student teaching. Requires

experience with a broad range of students, including exceptional students.

Prerequisites: SCED-301 minimum grade of B and Illinois Content Area Test PASS.

SCED-305E. Secondary Student Teaching And Seminar In English. 9 Hours.

Sixteen weeks of full-day student teaching providing practical teaching experience in one or more levels of secondary school English. Supervised

by secondary school personnel and a university superior who also conducts a weekly two-hour seminar associated with student teaching. Requires

experience with a broad range of students, including exceptional students.

Prerequisites: Illinois Content Area Test PASS and College of Education Admission YES.

SCED-305F. Secondary Student Teaching And Seminar In French. 9 Hours.

Sixteen weeks of full-day student teaching providing practical teaching experience in secondary school foreign language. Supervised by secondary

school personnel and a university supervisor, who conducts a weekly seminar associated with student teaching. Requires experience with a broad range

of students, including those with exceptionalities.

Prerequisites: SCED-303F minimum grade of B and SCED-304J minimum grade of C and Illinois Content Area Test PASS.

SCED-305H. Secondary Student Teaching And Seminar In History. 9 Hours.

Sixteen weeks of full-day student teaching providing practical teaching experience in one or more levels of secondary school history. Supervised by

secondary school personnel and a university supervisor who also conducts a weekly two-hour seminar associated with student teaching. Requires

experience with a broad range of students, including exceptional students.

Prerequisites: Illinois Content Area Test PASS and College of Education Admission YES.

SCED-305J. Secondary Student Teaching And Seminar In Spanish. 9 Hours.

Sixteen weeks of full-day student teaching providing practical teaching experience in secondary school foreign language. Supervised by secondary

school personnel and a university superior, who conducts a weekly two-hour seminar associated with student teaching. Requires experience with a

broad range of students, including exceptional students.

Prerequisites: Illinois Content Area Test PASS and SCED-304J minimum grade of C.

SCED-305K. Secondary Student Teaching And Seminar - Health Education. 9 Hours.

Sixteen weeks of full-day student teaching providing practical teaching experience in secondary school health education. Supervised by secondary

school personnel and a university supervisor, who conducts a weekly seminar associated with student teaching. Requires experience with a broad range

of students, including those with exceptionalities.

Prerequisites: SCED-301 minimum grade of C and HLED-304 minimum grade of C and HLED-305 minimum grade of C and HLED-302 minimum grade of C.

SCED-305M. Secondary Student Teaching And Seminar In Mathematics. 9 Hours.

Sixteen weeks of full-day student teaching providing practical teaching experience in one or more levels of secondary school mathematics. Supervised by secondary school personnel and a university supervisor who also conducts a weekly two-hour seminar associated with student teaching. Requires experience with a broad range of students, including exceptional students.

Prerequisites: SCED-301 minimum grade of C and Illinois Content Area Test PASS and College of Education Admission YES.

SCED-305N. Secondary Student Teaching And Seminar In Music. 9 Hours.

Sixteen weeks of full-day student teaching providing practical teaching experience in K-12 school music. Supervised by K-12 school personnel and a university supervisor, who conducts a weekly two-hour seminar associated with student teaching. Requires experience with a broad range of students, including exceptional students.

Prerequisites: SCED-301 minimum grade of C and SCED-303I minimum grade of C and SCED-303V minimum grade of C and SCED-311 minimum grade of C and Illinois Content Area Test PASS.

SCED-305P. Secondary Student Teaching And Seminar In Physical Education. 9 Hours.

Participation in directing learning experiences in secondary physical education at several levels under the supervision of one or more regularly assigned secondary teachers; observation of experienced teachers; familiarization with the daily program of the secondary school; weekly two-hour seminar and critique. Requires experience with a broad range of students, including exceptional students. (full-day, Spring term).

Prerequisites: SCED-301 minimum grade of C and PEMA-344 minimum grade of C and Illinois Content Area Test PASS.

SCED-311. Writing Intensive Program: School Curriculum. 3 Hours.

Designed for students in Physical Education, Health, Music, Visual Arts, World Languages, and Special Education, this course prepares students to develop and implement curriculum. Focal topics include objectives, unit planning, lesson planning, classroom management, higher order thinking, interdisciplinary collaboration, developmental considerations, and assessment techniques. Specific emphases include strategies for differentiating effectively to meet the needs of academically, culturally, and experientially diverse learners in mainstream classrooms.

Prerequisites: EDFN-305 minimum grade of C and ENGL-101 minimum grade of C and EDFN-306 minimum grade of C and EDFN-307 minimum grade of C and College of Education Admission YES.

SCED-315. Teaching Writing In Junior And Senior High School. 3 Hours.

This course covers the teaching of writing in the intermediate and upper grades. Mini-lesson design and placement, methods and strategies for teaching sentence completeness, for teaching sentence structure, and for punctuation and capitalization are covered. In addition, students will learn methodology that will be useful and effective with writing genres (e.g. expository, descriptive) and the research paper. The assessment of writing (e.g. rubrics, conferencing, portfolios) approaches for language-and-dialect different learners, and uses of technology in writing instruction. Finally, program issues are approached: the development of writer's workshop, and writing across the curriculum.

Prerequisite: College of Education Admission YES.

SCED-401E. New Directions In Teaching English In The Junior And Senior High School. 3 Hours.

Designed for the in-service teacher of middle-secondary school English; study and discussion of new perspectives for the school English program growing out of the reform effort of the past decade.

SCED-401L. New Directions In The Teaching Of English In The Junior & Senior High School With Clinical Experienc. 3 Hours.

This course is designed for preservice teachers of middle school-secondary English-Language Arts. Study and discussion will focus on an exploration of recent trends and innovations in teaching the composition process and its relationship to reading, thinking, speaking and listening. Participants will review and critique recent research and curricula. Students will complete a minimum of 50 clock hours of field experience in a middle school-secondary school setting. Emphasis of the clinical experience will be on assuming a range of classroom responsibilities.

SCED-401M. New Directions In Teaching Mathematics In The Junior And Senior High School. 3 Hours.

Designed to focus on teaching strategies for the development of mathematical concepts, principles, and skills that are suggested in the current literature. The applicability of these strategies to the class participant's particular school and classroom will be emphasized. Participants will also select areas of specific interest for personal study, e.g. teaching mathematics to the exceptional student.

SCED-407A. Teaching Multicultural Young Adult Literature In The Secondary School With Clinical Experience. 3 Hours.

This course for pre-service secondary English teachers will emphasize curricular design and instructional techniques for selecting and using multicultural young adult (YA) literature in a well-rounded English Language Arts curriculum. Students will read and analyze a wide range of award-winning multicultural YA fiction, non-fiction, and poetry and will develop curriculum for middle and high school students, using YA and canonical multicultural literature. Students will also complete a concurrent, supervised clinical experience of at least 50 clock hours in a secondary English classroom.

Prerequisites: Full admission into the MAT: Language Arts--Secondary Program. Apply to CEST Office for placement at least one year in advance.

SCED-407B. Teaching Multicultural Literature In Middle And Secondary Schools Without Clinical Experience. 3 Hours.

Designed for middle school and secondary school teachers who have limited knowledge and experience in teaching ethnic minority literature. The course will emphasize curriculum design, teaching techniques and the assessment of appropriate instructional resources. The ultimate purpose of the course is to enable teachers to integrate effectively the multi-ethnic literary experience into traditional literature programs.

SCED-408. The Nature Of Mathematical Abilities In School Children. 3 Hours.

An exploration of mathematical learning by all students (K-12), with emphasis on the processes used by exceptional students. The differences that are shown by these students when doing mathematics will be examined, and with this information the class will focus on teaching practices that are most appropriate to these student's needs.

SCED-409. Teaching Mathematical Problem Solving In The Secondary Schools. 3 Hours.

An examination of the logical understanding of mathematical problem solving with emphasis on improving competence in teaching problem solving to secondary students; includes theoretical study, preparation of materials, and observations and demonstrations in the teaching of problem solving.

SCED-410. Computers In The Teaching Of Secondary School Mathematics. 3 Hours.

A computer application course, using BASIC, designed for teachers of secondary school mathematics. Examples from algebra, geometry, trigonometry, number theory, and probability and statistics will serve as the basis for programming activities. Strategies for effectively using the computer and computer software in the teaching of mathematics will be discussed.

SCED-421L. Research In Classroom Teaching Of Language Arts. 3 Hours.

Designed to acquaint the student with research in contemporary trends in teaching the language arts, including reading; critical appraisal and discussion of classical and current studies in language arts will provide specific suggestions useful in classroom practice; an overview of the entire area, as well as opportunity for individual study in-depth for a specific area related to the student's need and interest; in-service teachers may become involved in action research.

SCED-429. Internship In Secondary Education. 6 Hours.

Internship will provide practical field experience under joint supervision of University and public school personnel. Students will refine and extend their theoretical understanding by applying it to instructional settings. Principles, attitudes, and techniques related to successful teaching careers will be explored. This course is the culminating experience for graduate students within the secondary education MAT sequence.

9-12/K-12 Licensure Program

Policy On Transfer Of Professional Education Courses Into Teacher Licensure Programs

Students who are admitted to an undergraduate program in secondary education or to the TLP Program (licensure only) will be credited with a maximum of 9 credit hours of professional education coursework provided that:

1. The specific transfer coursework is deemed to be equivalent in scope and credit hours to the required coursework in the respective NEIU secondary education program as stated in the current NEIU Catalog.
2. The specific transfer coursework has been completed within five years of the time of acceptance into the undergraduate NEIU Goodwin College of Education or TLP Program. (ex. If a student is admitted in 2016, no coursework prior to 2011 can be accepted.)
3. The specific transfer coursework was credited with a "B" grade or better.

Policy on "Field Experience Only" Requests

All students who seek to enroll in clinical experiences or student teaching in any approved secondary education program are required to be admitted to an undergraduate program, a second BA program, the Teacher Licensure Program (TLP) or MAT program. No student with a "student-at-large" status will be admitted to clinical or student teaching experience.

No student will be permitted to take clinical experience/ student teaching at NEIU unless they have gone through one of our programs.

Focus Program

In accordance with the Illinois State Board of Education and the Illinois Administrative Code Section 25, Northeastern Illinois University offers a Focus Program for teachers who hold current licensure.

The Focus Program allows licensed teachers to obtain additional subsequent endorsements in the area of Secondary English, History, Biology, or Math.

Candidates who complete a full or focused subsequent endorsement program will be recommended for the endorsement by entitlement. For further information, please contact Dr. Anastasia Brelas at (773) 442-4556.

Undergraduate and TLP Programs in 9-12/K-12

The professional education (<http://www.neiu.edu/academics/college-of-education/departments/educational-inquiry-curriculum-studies>) sequences through completion of entitlement in one of the following 9-12 and 6-8 with middle school coursework (if completing the program by September 1, 2017) or K-12 licensure programs:

9-12 Secondary:

- BIOLOGY
- ENGLISH
- HEALTH
- HISTORY
- MATHEMATICS

K-12:

- ART
- MUSIC
- PHYSICAL EDUCATION
- SPANISH

Please note that the 9-12 or K-12 Education Sequence alone does not constitute a major at Northeastern. Students seeking 9-12 or K-12 teacher licensure or endorsement declare a major in an academic subject area. The 9-12/K-12 education program qualifies as "an area of study in addition to the major" and fulfills graduation requirements.

Each licensure or endorsement program involves three types of requirements:

1. requirements for an academic major;

2. specific general education requirements; and
3. professional secondary or K-12 education requirements.

Upon completion of these requirements, students are expected to demonstrate:

1. a depth of knowledge in their chosen academic discipline;
2. a knowledge of the principles of human growth and development and of learning;
3. a knowledge of students with varying racial/ethnic, linguistic, cultural, and socioeconomic backgrounds;
4. a knowledge of the wide range of abilities and special needs of students; and
5. the ability to apply their knowledge and skills as they develop effective learning experiences for students during the methods and the clinical components of the professional education sequence.

Requirements for an Academic Major

Students seeking the Illinois Professional Educator License (PEL) endorsed for specific areas at grades 9-12 or K-12 must fulfill all requirements for their academic major. For specific information about major requirements, please refer to the catalog entry for the content area. In order for students to be entitled in middle school 6-8, they need to complete the middle school coursework and complete the program by September 1, 2017. Consult with your advisor (<http://www.neiu.edu/academics/college-of-education/departments/educational-inquiry-curriculum-studies>) for further information about middle school endorsements.

To be licensed in some academic areas, students are required to make prescribed choices among given electives in the academic major and/or they are required to complete additional courses in their academic area. These prescribed choices and/or additional required courses are specified below for each academic major.

Pre-majors

Student may register for EDFN-305, EDFN-306 and LTCY-301, although it is strongly recommended that the latter be taken concurrently with SCED-301 or SCED-311. Pre-majors waiting to begin Level I should complete coursework needed to satisfy NEIU general education requirements to register for coursework within their major area of concentration. See Goodwin COE section for requirements to declare major and admission to Goodwin COE (<http://www.neiu.edu/academics/college-of-education/admission-requirements>) .

Art

The Major in Art for the Bachelor of Arts Degree meets the requirements for K-12 teacher licensure. To fulfill requirements for licensure, students must select the emphasis in Studio Art. Art majors take SCED-311 instead of SCED-301.

Biology

The Major in Biology for the Bachelor of Science Degree meets the requirements for 9-12 teacher licensure with the following stipulations. Students seeking licensure to teach biology in secondary schools are required to complete 8 semester hours in botany, including 5 semester hours in laboratory work, and 8 semester hours in zoology, including 5 semester hours in laboratory work. Students seeking licensure to teach biology in secondary schools may elect to complete the optional Environmental Emphasis if they complete the above specified requirements in botany, zoology, and laboratory work.

English

The Major in English (Secondary Education) for the Bachelor of Arts Degree meets the requirements for 9-12 teacher licensure.

History

The Major in History for the Bachelor of Arts Degree meets the requirements for 9-12 teacher licensure with the following stipulations. Students seeking licensure to teach United States History in secondary schools are required to complete 8 semester hours in United States History. Students seeking Secondary Education-History licensure must take three semester hours in Economics as part of their Goodwin College of Education General Education coursework.

Mathematics

The Major in Mathematics for the Bachelor of Arts Degree meets the requirements for secondary teacher licensure 9-12.

Music

The Major in Music for the Bachelor of Music Degree including both Emphasis Va: Secondary Education: Vocal Music and Emphasis Vb: Secondary Education: Instrumental Music meet the requirements for K-12 teacher licensure. See Music Department, College of Arts and Sciences. Music majors take SCED-311 instead of SCED-301.

Physical Education and Health

Students seeking licensure to teach Physical Education or Health should refer to the Department of Health, Physical Education, Recreation and Athletics (<http://www.neiu.edu/academics/college-of-education/departments/health-physical-education-recreation-and-athletics>) section of this catalog.

Spanish

The Major in Spanish for the Bachelor of Arts Degree meets the requirements for K-12 teacher licensure. Spanish majors take SCED-311 instead of SCED-301.

Admission and Retention Requirements

Consult with advisor (<http://www.neiu.edu/academics/college-of-education/departments/educational-inquiry-curriculum-studies>) **for Program Requirements**

Level I

Requirements for enrollment in SCED-301 or SCED-311:

- Completed admission to the Goodwin College of Education (<http://www.neiu.edu/academics/college-of-education/admission-requirements>) (including passing score on the Illinois Licensure Testing System's (<http://www.il.nesinc.com>) Test of Academic Proficiency (TAP) or ACT or SAT with Writing)
- Completion of EDFN-305 and EDFN-306 with a 'C' or better
- Completion of a minimum 21 semester credit hours in major
- Declaration of Academic Major and secondary education major/area
- Overall grade point of 2.75 or better.

Level II

Requirements for admission to courses in the SCED 303 series and SCED 304 series (or MUS-393L):

- Concurrent registration in EDFN-307 if not taken in Level I
- Completion of or registration in LTCY-301
- Cumulative grade point average of 2.75 or better
- Completion of SCED-301 or SCED-311 with a 'C' or better*
- Completion of required number of semester hours in major (varies with major). No more than 9 semester credit hours remaining in the major
- Completion of all application requirements for clinical and student teaching experiences, as specified by the Clinical Experiences and Student Teaching (CEST (<http://www.neiu.edu/academics/college-of-education/clinical-experiences-and-student-teaching>)) Office

Level III

Requirements for admission into the SCED 305 series Student Teaching:

- Cumulative grade point average of 2.75 or better
- Overall grade point of 2.75 or better in professional education sequence courses
- Completion of required number of credit hours in major (varies with major). No more than six semester hours remaining in the major
- Completion of all application requirements as specified by the CEST Office (<http://www.neiu.edu/academics/college-of-education/clinical-experiences-and-student-teaching>)
- Completion of EDFN-307 with a 'C' or better
- Completion of the appropriate course in the SCED 303 series specific to discipline (with a 'C' or better), and the appropriate clinical course in the SCED 304 series with a 'B' or better or MUS-393L

- Passing score on the appropriate ILTS Content Area Test (<http://www.il.nesinc.com>)

Level IV

Required for Program Completion and State Entitlement:

- Completion of a minimum of 120 semester credit hours
- Completion of required courses for state licensure
- Completion of NEIU General Education Requirements
- Completion of academic major with no grades less than 'C'
- Completion of all requirements in level I-III
- Completion of the appropriate Student Teaching course in the SCED 305 series with a 'B' or better
- Passing score on the Teacher Performance Assessment (edTPA (<http://www.neiu.edu/academics/college-of-education/edtpa>)) for program completion/entitlement.
- Overall grade point of 2.75 or better.

If a candidate does not meet the requirements outlined in Level 4, he/she may choose to seek degree completion through the discipline in the College of Arts and Sciences provided he/she meets the degree requirements of the individual discipline.

Additional Requirements for Licensure

In addition to the successful completion of the Academic major, students must complete the general education requirements for the Goodwin College of Education. Transfer students and second BA candidates should consult their advisors concerning general education requirements.

Requirements which are a part of Northeastern's 39-hour general education program and are on the Limited List:

COE General Education requirements

Fine Arts & Humanities		15
English - 3 credit hours		
To be selected - 12 credit hours		
Behavioral and Social Science		12
HIST-214	United States History 1607-1877	
or HIST-215	United States History 1877-Present	
PSCI-216	American National Government	
Non-Western or Third-World Cultures course - Select one of the following:		
HIST-111C	World History: East Asia	
HIST-111D	World History: Latin America	
HIST-111F	World History: Islam	
ANTH-212	Introduction To Cultural Anthropology	
Elective - 3 credit hours		
Biological & Physical Sciences ¹		12
Total Hours		39

General Education Requirements which are not on the Limited List:

Other General Education requirements

Written communication		
ENGL-101	Writing I	
& ENGL-102	and Writing II ¹	
Oral communication		
CMTC-101	Public Speaking ¹	
or CMTC-202	Voice and Diction	
Mathematics ¹		3

HLED-107	Health For Effective Living (or approved Physical Education Activity Course)	2
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¹ must receive a grade of "C" or higher

Professional Education Requirements

NEIU's Secondary 9-12/K-12 Program requires all students enrolled in teacher licensure programs to complete 100 hours of clinical experience in a recognized secondary school prior to student teaching. The professional education requirements are as follows:

EDFN-305	Philosophical And Historical Foundations Of Public Education	3
EDFN-306	Education And Individual Differences ¹	3
EDFN-307	Psychology Of Instruction And Learning ¹	3
LTCY-301	Teaching Literacy In Junior & Senior High Schools	3
SCED-301	Writing Intensive Program:Methods Of Teaching On The Secondary Level	3
or SCED-311	Writing Intensive Program: School Curriculum	
SCED-303A	Contemporary Art Education In The Secondary School ²	3
or SCED-303F	Teaching Modern Foreign Languages In The Secondary School	
or SCED-303E	Methods Of Teaching English In The Secondary School	
or SCED-303H	Methods Of Teaching History In The Secondary School	
or SCED-303I	Methods And Techniques Of Teaching Music In Secondary School:Instrumental	
or SCED-303J	Methods Of Teaching Middle And Junior High Mathematics	
or SCED-303M	Methods Of Teaching Mathematics In The Secondary School	
or SCED-303R	Materials And Methods For Teaching High School Science	
or SCED-303V	Methods And Techniques Of Teaching Music In Secondary Schools:Vocal	
SCED-304A	Clinical Experiences In The Secondary School:Art ³	1
or SCED-304E	Clinical Experiences In The Secondary School:English	
or SCED-304F	Clinical Experiences In The Secondary School:French	
or SCED-304H	Clinical Experiences In The Secondary School:History	
or SCED-304J	Foreign Language Clinical Experience In The Secondary School	
or SCED-304M	Clinical Experiences In The Secondary School:Mathematics	
or SCED-304B	Clinical Experiences In The Secondary School:Biology	
or MUS-393L	Clinical Field Experience	
SCED-305A	Secondary Student Teaching And Seminar In Art ⁴	9
or SCED-305E	Secondary Student Teaching And Seminar In English	
or SCED-305F	Secondary Student Teaching And Seminar In French	
or SCED-305H	Secondary Student Teaching And Seminar In History	
or SCED-305J	Secondary Student Teaching And Seminar In Spanish	
or SCED-305K	Secondary Student Teaching And Seminar - Health Education	
or SCED-305M	Secondary Student Teaching And Seminar In Mathematics	
or SCED-305N	Secondary Student Teaching And Seminar In Music	
or SCED-305P	Secondary Student Teaching And Seminar In Physical Education	

¹ This course includes ten clock hours of observation and ten clock hours of service experience in an appropriate setting.

² Courses in the SCED 303 series must be taken concurrently with the appropriate clinical experience in the SCED 304 series. Music majors must complete 4 credit hours in the SCED 303 series. (SCED-303I and SCED-303V)

³ This course requires 100 clock hours of clinical experience with a cooperating teacher in the appropriate subject at a local secondary school. It must be taken concurrently with the appropriate course in the SCED 303 series. (See Clinical Experiences and Student Teaching section for application procedures)

⁴ This course requires full-time experience with a cooperating teacher in the appropriate subject at a local secondary school. (See Clinical Experiences and Student Teaching section for application procedures)

NOTE: No professional education course may be taken more than twice to achieve an acceptable grade. All students must consult with both the Academic Major advisor and the Secondary Education Major advisor while progressing through the professional sequence coursework, in pursuit of teacher licensure.

Educational Foundations

The Educational Foundations coursework introduces students to content and application of educational ideas from the disciplines of philosophy, psychology, history, anthropology, economics, political science and sociology as basic to understanding educational processes. Each program in the Goodwin College of Education requires specific Educational Foundations coursework. Please refer to the specific program for the program's required Educational Foundations courses.

EDFN-305 or EDFN-405	Philosophical And Historical Foundations Of Public Education Development Of Educational Thought	3
EDFN-306 or EDFN-406	Education And Individual Differences Human Development And Learning	3
EDFN-307 or EDFN-407	Psychology Of Instruction And Learning Learning Theories And Educational Practices	3
EDFN-308	Teaching And Learning	1.5

- No required professional education courses may be taken more than twice to achieve an acceptable grade.
- Sophomore standing is required.
- EDFN-306 is a prerequisite for EDFN-307 and EDFN-308. EDFN-306 must be completed with a grade of "C" or better.
- EDFN-306 and EDFN-307 or EDFN-306 and EDFN-308 may not be taken during the same semester.
- EDFN-307 / EDFN-407 and EDFN-308 require admission to the Goodwin College of Education.

Major in Inner City Studies

Programs in Inner City Studies (ICSE) are offered at the Jacob H. Carruthers Center for Inner City Studies (CCICS), 700 East Oakwood Boulevard, 60653, in the heart of Chicago's historic Bronzeville community. The scholar/ activist thrust is the overriding entity that drives the community and academic programming of the ICSE programs of the Carruthers Center.

The Programs in Inner City Studies, through the College of Education, offer the following degrees:

- Bachelor of Arts in Inner City Studies
- Master of Arts in Inner City Studies

In addition, the CCICS offers a Minor in Inner City Careers.

Major in Inner City Studies for the Bachelor of Arts Degree

The Inner City Studies undergraduate program seeks to introduce undergraduate students to the political, economic, social, and cultural forces that impact the inner city. It reflects the ongoing trends and developments that continue to be a part of the changing demographics of the inner city so that students become preliminarily equipped with understanding the complexity, diversity, and history associated with the inner city. ICSE seeks to prepare students to acquire employment in the broad fields of the social and human services; including alternative educational programs such as charter schools, contract schools, after school programs, and mentorship programs aimed at improving the condition of inner city youth.

Specific Goals of the Bachelor of Arts Degree in Inner City Studies

1. Examine introductory theories and methodologies of analyzing inner city communities throughout the world.
2. Examine introductory literature of the scholarship and activism associated with addressing the current trends and developments related to the multiplicity of issues and challenges in the inner city including the impact of technology and media.
3. Prepare ICSE students to demonstrate their understanding of inner city issues through written and oral communication, and web based technologies.
4. Prepare ICSE majors to pursue graduate degrees in Inner City Studies and other related fields.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Inner City Studies requirements

Required Courses

ICSE-103	Introduction To Inner City Studies	3
ICSE-201	History And Culture Of Ethnic Groups In America	3
ICSE-301	Racism In Theory And Fact	3
ICSE-302	The Inner City Community	3
ICSE-303	Writing Intensive Program: Research Design And Methodology	3
ICSE-304	Communication In The Inner City	3
ICSE Electives		12
Total Hours		30

Master of Arts in Inner City Studies

Programs in Inner City Studies (ICSE) are offered at the Jacob H. Carruthers Center for Inner City Studies (CCICS), 700 East Oakwood Boulevard, 60653, in the heart of Chicago's historic Bronzeville community. The scholar/activist thrust is the overriding entity that drives the community and academic programming of the ICSE programs of the Carruthers Center.

The Programs in Inner City Studies, through the College of Education, offer the following degrees:

- Bachelor of Arts in Inner City Studies
- Master of Arts in Inner City Studies

In addition, the CCICS offers a Minor in Inner City Careers.

Master of Arts in Inner City Studies

The Inner City Studies graduate program places intense emphasis on the scholar/activist tradition in preparing those who work and live in the inner city to understand and act upon the interests of residents of the inner city and to participate in the richness, specifically, of the African American communities. The graduate program places in-depth examination and analysis of the multiplicity of research issues, problems, assumptions, and questions about inner city communities from an African-centered perspective. The approach and discipline encompasses a research methodology and world view which ultimately achieves different results when applied to present day inner city populations. The aim of this research approach is to forge new understandings of human relationships in inner city communities in the Chicago metropolitan area and worldwide. The graduate program seeks to prepare students to acquire employment in administrative, executive, and teaching positions in inner city educational, human, and social service agencies.

Specific Goals of the Master of Arts Degree in Inner City Studies

1. Provide comprehensive in-depth examinations of the historical, political, economic, social, and cultural forces that impact the current trends and development of inner city communities worldwide.
2. Provide comprehensive examinations of the theories, concepts, and philosophies related to the European worldview.
3. Provide comprehensive examinations of the African-centered paradigm and its application for analyzing contemporary inner city communities and issues.
4. Prepare candidates to demonstrate in writing and orally an in-depth understanding of inner city issues by developing a major research project.
5. Prepare ICSE graduate students to pursue doctoral studies in related fields of the social sciences and education.

Additional Offerings at CCICS

CCICS offers, at its site, courses from the College of Arts and Sciences that fulfill the General Education Program Requirements. Additionally, courses in Justice Studies and Social Work are offered.

Graduate course in School Leadership with Principal Endorsement and other graduate courses from the College of Education are also offered at CCICS on an occasional basis.

Community Affairs at CCICS

The program sponsors a variety of courses, workshops, and community activities for NEIU students and the inner city community. One program of special interest is the African and Caribbean Studies Program that provides students and the community with the opportunity to participate in study tours to Africa and the Caribbean.

Required Courses

ICSE-411	Graduate Study In The Inner City	3
ICSE-427A or ICSE-427E	The African American Community The Multi-Ethnic Society	3
ICSE-442	Research Methods In Inner City Studies	3
ICSE-443	Research Writing	3
ICSE-452	Field Internship	3
ICSE-453	Seminar In Field Internship	3
Approved Electives including ICSE-454 Master's Project Research or ICSE-451 Research and Thesis		3

Other ICSE-400 level electives	9
Total Hours	30

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

		Hours
Term 1		
ICSE-411	Graduate Study In The Inner City	3
ICSE-442	Research Methods In Inner City Studies	3
One ICSE-400 Level Elective Course		3
	Term Hours	9
Term 2		
ICSE-443	Research Writing	3
ICSE-427A	The African American Community	3
One ICSE-400 Level Elective Course		3
	Term Hours	9
Second Year		
Term 1		
ICSE-452	Field Internship	3
ICSE-453	Seminar In Field Internship	3
One ICSE-400 Level Elective Course		3
	Term Hours	9
Term 2		
ICSE-454	Masters Project Research	3
or ICSE 451 Research & Thesis		
	Term Hours	3
	Total Hours:	30

Master of Arts in Teaching in Language Arts: Secondary Education

This program is undergoing changes. Contact the department (<http://neiu.edu/academics/college-of-education/departments/educational-inquiry-curriculum-studies>) for information about this program.

The Master of Arts in Teaching (MAT) in Language Arts: Secondary Education Program has been designed for returning students who wish to obtain initial teacher licensure at the secondary level along with a master's degree in the area of English/Language Arts instruction. This program has three components of coursework:

- Professional Core in the areas of multicultural education, media technology, literacy theory/pedagogy, general curriculum development, and research: 18 credit hours
- Concentration in Language Arts with courses in curriculum and instruction, reading/literacy, adolescent literature, linguistics, TESL, English and/or speech: 18 credit hours,
- Licensure coursework composed of additional pedagogical study and field experiences (including 100 hours of clinical experiences and student teaching internship): 9 credit hours.

Admission Requirements

- An undergraduate or graduate degree in English, with a minimum of 32 credit hours in English (composition or literature), Speech-Drama, and/or Linguistics, from an accredited university or college
- A minimum undergraduate GPA of 2.75 (4.0 scale)
- Six (6) credit hours in the history/ philosophy of education (EDFN-405, or the equivalent) and educational psychology (learning and development: EDFN-406, or the equivalent)
- Passing score on the Illinois State Board of Education Illinois Licensure Testing System's Test of Academic Proficiency (TAP) or equivalent

Criminal Background Check

Candidates are required to complete a criminal background check prior to school placement for clinicals and student teaching. More information can be obtained from the CEST Office.

Exit Requirements for Degree Completion

Successful completion of Levels one through three, *with exception* of passing score on edTPA.

Exit Requirements for Program Completion/Entitlement:

MAT students are required to pass State of Illinois Test of Academic Proficiency (TAP) prior to program admission and the Subject Matter Knowledge test prior to student teaching. Study guides and applications for these tests are available at <http://www.il.nesinc.com> .

Successful completion of Levels one through three, with evidence of passing score on edTPA.

Middle School Endorsement requirements are integrated into the coursework of the secondary sequence, and students who complete the MAT Program by September 1, 2017 will receive Middle School Endorsement on their license.

Requirements for the degree

Program students must see their advisor to obtain a copy of the course sequence and the program retention criteria. All graduate credits will be at the 400 level, except for a limited number of 300 level courses specifically approved for graduate degree credits in a given Master's degree program. Departments may permit students to apply up to three of these 300 level courses, to a maximum of ten credit hours, to fulfill program requirements. This policy applies to all students entering graduate degree programs beginning with Fall 1997. Consult with your program advisor or the College of Graduate Studies and Research for details.

Secondary Sequence: 45 credit hours

1. Professional Core

EDFN-416	Cultural Pluralism And Schools	3
SCED-401L	New Directions In The Teaching Of English In The Junior & Senior High School With Clinical Experienc ¹	3

ELED-430	Trends And Issues In Assessment	3
EDFN-442	Media Technology For Educators	3
LTCY-502	Literacy Instruction In Content Areas In Secondary Grades	3
SCED-421L	Research In Classroom Teaching Of Language Arts	3
SCED-407A	Teaching Multicultural Young Adult Literature In The Secondary School With Clinical Experience ¹	3
LTCY-506	Writing Instruction In Middle & High School	3
LING-401	Fundamentals Of Modern Linguistics	3
or TESL-402	Principles Of Linguistics For Teachers	
Electives selected from areas of English Literature, Composition, Creative Writing, Linguistics, TESL, or Speech ²		9
2. Certification Component		
SPED-404	Survey Of The Field Of Special Education	3
SCED-429	Internship In Secondary Education ¹	6
3. Oral Examination ³		
Total Hours		45

¹ Apply to CEST Office, LWH-4023 12 months in advance

² See your program advisor for recommended courses

³ A final oral exam scheduled in the final term of completion of all coursework.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
EDFN-416	Cultural Pluralism And Schools	3
LTCY-502	Literacy Instruction In Content Areas In Secondary Grades	3
EDFN-442	Media Technology For Educators	3
Term Hours		9
Term 2		
SPED-404	Survey Of The Field Of Special Education	3
LING-401 or TESL 402	Fundamentals Of Modern Linguistics	3
1 Elective course		3
Term Hours		9

Second Year

Term 1		Hours
SCED-407A	Teaching Multicultural Young Adult Literature In The Secondary School With Clinical Experience	3
LTCY-506	Writing Instruction In Middle High School	3
1 Elective course		3
Term Hours		9
Term 2		
SCED-401L	New Directions In The Teaching Of English In The Junior Senior High School With Clinical Experienc	3
ELED-430	Trends And Issues In Assessment	3
1 Elective course		3
Term Hours		9

Third Year

Term 1		
SCED-429	Internship In Secondary Education	6
SCED-421L	Research In Classroom Teaching Of Language Arts	3
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	Term Hours	9
<hr/>		
	Total Hours:	45

Master of Science in Instruction in Language Arts

The MS in Instruction in Language Arts: Secondary Education Program is designed to offer professional development to classroom teachers who are interested in updating and refining their teaching competencies in the area of English Language Arts instruction at the secondary level. Graduates of this program will have updated and advanced knowledge of the theoretical foundations of literacy and language acquisition, principles of curriculum planning and development, and language arts research, as well as instructional strategies for enhancing young people's acquisition of reading, writing, listening, and speaking competencies in culturally diverse classrooms. Throughout the program, there is an emphasis on enhancing teachers' leadership skills in developing and implementing language arts and English curricula.

Within this program, students complete coursework in two areas:

- a professional core composed of coursework in literacy foundations (theory and pedagogy), curriculum development, cultural diversity, assessment, media technology, and research: 18 credit hours
- a concentration in language arts with interdisciplinary coursework in education, reading/literacy, English, linguistics, and/or speech: 18 credit hours

Admission Requirements

- A minimum undergraduate GPA of 2.75 (4.0 scale)
- A current, valid, state teaching license
- Eighteen (18) credit hours undergraduate or graduate coursework in English literature/composition, linguistics, TESL, and/or speech
- Fifteen (15) credit hours of undergraduate or graduate coursework in education with at least one, 3 credit hour course in the methods of teaching reading or English
- Completed application with two letters of recommendation and official transcripts

Requirements for the degree

Course Sequence and Exit requirements: 36 credit hours

1. Professional Core

EDFN-416	Cultural Pluralism And Schools	3
SCED-401E	New Directions In Teaching English In The Junior And Senior High School	3
ELED-430	Trends And Issues In Assessment	3
EDFN-442	Media Technology For Educators	3
LTCY-502	Literacy Instruction In Content Areas In Secondary Grades	3
SCED-421L	Research In Classroom Teaching Of Language Arts	3

2. Language Arts Concentration

SCED-407B	Teaching Multicultural Literature In Middle And Secondary Schools Without Clinical Experience	3
LTCY-506	Writing Instruction In Middle & High School	3
LING-401	Fundamentals Of Modern Linguistics	3
or TESL-402	Principles Of Linguistics For Teachers	

Electives selected from areas of English Literature, Creative Writing, Composition, TESL, Linguistics or Speech ¹ 9

3. Oral Examination ²

4. Two research papers ³

Total Hours 36

¹ See your advisor for recommended courses.

² A final oral exam is scheduled in the final term of completion of all coursework.

³ One is required in SCED-421L.

Note: For descriptions of the coursework and prerequisites, please see pertinent sections of this catalog.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1	Hours
EDFN-416	Cultural Pluralism And Schools 3

LTCY-502	Literacy Instruction In Content Areas In Secondary Grades	3
EDFN-442	Media Technology For Educators	3
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Term Hours		9
Term 2		
SCED-401E	New Directions In Teaching English In The Junior And Senior High School	3
LTCY-506	Writing Instruction In Middle High School	3
LING-401 or TESL 402	Fundamentals Of Modern Linguistics	3
<hr/>		
Term Hours		9
<hr/>		
Second Year		
Term 1		
SCED-407B	Teaching Multicultural Literature In Middle And Secondary Schools Without Clinical Experience	3
ELED-430	Trends And Issues In Assessment	3
1 Elective course		3
<hr/>		
Term Hours		9
Term 2		
2 Elective courses		6
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Term Hours		6
Term 3		
SCED-421L	Research In Classroom Teaching Of Language Arts	3
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Term Hours		3
<hr/>		
Total Hours:		36

Master of Arts in Community and Teacher Leaders

Master of Arts in Community and Teacher Leaders

NEIU offers a Master of Arts degree for those individuals seeking an advanced degree in Community and Teacher Leaders. The program is designed to develop knowledge, dispositions, and skills to foster reflective, collaborative and transformative leaders in both community and school settings. Specifically, students will learn to harness the collective knowledge of community members and educators to have a positive impact on community and school success in both traditional and non-traditional settings; promote collaborative governance and leadership in communities and schools with a consistent focus on improved outcomes; model excellence in community leadership and teaching with a strong foundation in transforming the climate; and provide coaching, mentoring, and support to educators and community members to promote and influence change. Instructional strategies include research, inquiry, analysis, and evaluation as well digital literacy and technology skills.

Students may select one of two concentrations: community leadership or school-based teacher leadership. While both the Community and Teacher Leaders concentration lead to a Master of Arts degree, the Teacher Leader concentration also leads to a Teacher Leader Endorsement as recognized by the Illinois State Board of Education. Teachers who already have a Master degree and an Illinois teaching license may take a subset of these courses to earn only the Teacher Leader endorsement. This school-based teacher leader concentration provides knowledge and skills related to leadership and mentoring, professional development, promoting school culture that focuses on student learning, using data to improve educational outcomes, and building collaborative relationships with stakeholders. The community-based leader concentration provides knowledge and skills that foster leadership in ethical and culturally sensitive public engagement, acknowledgement and consideration of the complexities of local and global communities, and leverages community assets to promote social justice.

Teacher Leader Endorsement (Endorsement Only option)

NEIU's Teacher Leader Endorsement (only) program allows those teachers who have a Master degree and an Illinois teaching license to increase their leadership roles and job responsibilities by earning the Teacher Leader Endorsement as recognized by the Illinois State Board of Education. The Teacher Leader Endorsement program will build upon the teacher's own classroom experience, knowledge, and skills to further develop the teacher's leadership and mentoring capacity that may be used school or district-wide (but not in the capacity of a school principal). The program builds leadership skills by using research and data to improve educational outcomes, by increasing digital literacy and learning, and by fostering collaborative relationships within the school and community. These leadership skills will help to promote the understanding of diverse student populations in schools so as to develop personal and school-wide success that will ultimately improve the classroom, curriculum, student learning, and school culture.

Master of Arts in Community and Teacher Leaders

Required Courses

EDFN-410	Education As A Social Institution	3
EDFN-413	Power, Communities And Change	3
EDFN-441	Digital Literacy: Learning And Leadership	3
EDFN-451	Research Methods	3
EDFN-458A Seminar I		3
EDFN-458B Seminar II		3
Electives (choose four courses) - with consultation of advisor		12
Total Hours		30

The electives can be taken in any semester and can be chosen by the student in consultation with the advisor; the selection of the electives can be university wide depending on the student's interest and needs.

Teacher Leader Endorsement (ONLY)

Core courses

EDFN-410	Education As A Social Institution	3
EDFN-413	Power, Communities And Change	3
EDFN-441	Digital Literacy: Learning And Leadership	3
EDFN-451	Research Methods	3
EDFN 458A Seminar I		3
Total Hours		15

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year		Hours
Term 1		
EDFN-410	Education As A Social Institution	3
EDFN-441	Digital Literacy: Learning And Leadership	3
Elective		3
		Term Hours
		9
Term 2		
EDFN-451	Research Methods	3
EDFN-413	Power, Communities And Change	3
Elective		3
		Term Hours
		9
Term 3		
EDFN 458A Seminar I		3
Elective		3
		Term Hours
		6
Second Year		
Term 1		
EDFN 458B Seminar II		3
Elective		3
		Term Hours
		6
		Total Hours:
		30

Minor in Educational Studies

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Educational Studies (18-20 credit hours)

The Minor in Educational Studies is designed to allow students to investigate the educational process in specific areas.

Required Courses

EDFN-203	Laboratory In The Foundations Of Education	2
EDFN Area Courses (pre-approved by the EDFN coordinator) ¹		12
Education Electives (pre-approved by the EDFN coordinator) ²		4-6
Total Hours		18-20

¹ Courses are required in one or more of the following areas as related to education: anthropology, history, philosophy, program evaluation, psychology, quantitative analysis and/or sociology. Courses will be selected by the student in consultation with the EDFN coordinator.

² Electives will be selected by the student in consultation with the EDFN coordinator.

Minor in Inner City Careers

Programs in Inner City Studies (ICSE) are offered at the Jacob H. Carruthers Center for Inner City Studies (CCICS), 700 East Oakwood Boulevard, 60653, in the heart of Chicago's historic Bronzeville community. The scholar/ activist thrust is the overriding entity that drives the community and academic programming of the ICSE programs of the Carruthers Center.

The Programs in Inner City Studies, through the College of Education, offer the following degrees:

- Bachelor of Arts in Inner City Studies
- Master of Arts in Inner City Studies

In addition, the CCICS offers a Minor in Inner City Careers.

Minor in Inner City Careers (18 credit hours)

The minor in Inner City Careers has been designed to meet the needs of non-education majors as well as education majors who plan to work in inner city communities and schools. It will provide an opportunity for candidates who are committed to working within the inner city to address the issues that are relevant to understanding the community. It will afford candidates with contacts and avenues to best address the issues they may encounter. For Elementary Education majors who select this minor, there is an additional benefit. Two of the minor's core courses, ICSE-326 , and ICSE-331 will contribute to a state certificate endorsement in language arts at the middle school/junior high level.

Specific Goals of the Minor in Inner City Careers

Candidates will:

- Gain knowledge of the specific cultural, political, economic, and cultural issues inherent in the inner city milieu.
- Value cultural diversity and individual differences in inner city environments.
- Communicate effectively in inner city environments.
- Be able to use professional interaction styles relevant to the inner city community.
- Engage in positive interactions with key stakeholders in community settings or educational settings.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

- * Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.
- ** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Inner City Careers requirements

Required Courses

ICSE-302	The Inner City Community	3
ICSE-304	Communication In The Inner City	3
ICSE-326	Language Behavior In Inner City Communities	3
ICSE-331	Literature Of Ethnic Groups	3
Electives		
Select two of the following:		6
ICSE-324	Problems In Testing Inner City Children	
ICSE-348	Intergroup Dynamics	
ELED-315	Teaching In The Inner City Elementary School	

Total Hours 18

NOTE: ICSE-305 and any course in the ICSE 329 series may not be used to fulfill requirements for other major or minor programs.

Health, Physical Education, Recreation and Athletics

The Department of Health, Physical Education, Recreation, and Athletics (HPERA) is located in the Physical Education Complex at the south end of the campus. Opened in January, 1988, this facility includes two gymnasias, a suspended jogging track, a climbing wall, one high ropes course, four racquetball courts, a 25 yard swimming pool and diving well, a fitness center, four tennis courts, a baseball field, a softball field, a soccer field, classrooms, the Department of HPERA's Human Performance Laboratory, and faculty/staff offices.

The goals of the Department are to provide students with:

1. an awareness of the role of health, physical education, athletics, and exercise sciences in schools and society;
2. the opportunity to acquire competencies that will enable them to be successful in varied educational and professional settings;
3. the opportunity to develop a satisfactory level of proficiency in many areas of the discipline; and
4. a basis and desire for continued professional growth following graduation.

The Department of Health, Physical Education, Recreation, and Athletics offers the Bachelor of Arts and Master of Science degrees.

- Major in Physical Education K-12 Licensure (<http://catalog.neiu.edu/archive/2016-2017/education/health-Physical-Education-Recreation-Athletics/physical-education-k-12-licensure>)
- Major in Community Health (<http://catalog.neiu.edu/archive/2016-2017/education/health-Physical-Education-Recreation-Athletics/community-health>)
- Major in Secondary Education - Health (<http://catalog.neiu.edu/archive/2016-2017/education/health-Physical-Education-Recreation-Athletics/secondary-education-health>)
- Minor in Health Education (<http://catalog.neiu.edu/archive/2016-2017/education/health-Physical-Education-Recreation-Athletics/minor-health-education>)
- Minor in Physical Education (<http://catalog.neiu.edu/archive/2016-2017/education/health-Physical-Education-Recreation-Athletics/minor-physical-education>)

Students considering a major in Physical Education or Health and Wellness, or a minor in Health Education, or Physical Education must make an appointment with the program advisor.

NOTE: Prior to declaring as a major, Physical Education (K-12) and Secondary Health Education (9-12 and 6-8 Middle school) teacher preparation majors in the Department of HPERA (<http://www.neiu.edu/academics/college-of-education/departments/health-physical-education-recreation-and-athletics>) must have passed either the Illinois Licensure Testing System (<http://www.il.nesinc.com>) (ILTS) Test of Academic Proficiency, or a 22 on the ACT Plus writing, with a minimum 19 in combined English/Writing, or by scoring 1030 or above on the SAT with a minimum 450 in writing.

Students wishing to pursue a degree in the HPERA Department must meet all of the College of Education requirements (<http://www.neiu.edu/academics/college-of-education/admission-requirements>) for admission and retention. In addition, the HPERA Department requires the following before students will be allowed to participate in clinical experiences:

1. A 2.75 (on a 4.0 scale) grade point average in all major courses;
2. Removal of all incomplete grades in courses offered by the department;
3. Satisfactory completion of all required courses in both professional preparation and major core coursework, including a Writing Intensive designated (WIP) course.
4. Admission to the College of Education.

Additionally, students in teacher preparation programs will not be allowed to move into their student teaching semester if they have not passed the ILTS Content Area Examination in their major.

NOTE: For all undergraduate programs, students must receive a grade of "C" or above in all major courses. Students with a grade below a "C" will have the opportunity to repeat the course only once.

The Department of HPERA Professional Standards Committee reviews faculty recommendations for students requiring special attention and meets with the student to discuss and remedy any weaknesses.

- Master of Science in Exercise Science (<http://catalog.neiu.edu/archive/2016-2017/education/health-Physical-Education-Recreation-Athletics/master-science-exercise-science>)

Thomas Parry, Ph.D., Associate Professor, Department Chair

James Ball, Ph.D., Assistant Professor

Jennifer Banas, Ed.D., Associate Professor

Karen Hand, Ed.D., Assistant Professor
Kim Maljak, Ph.D., Assistant Professor
Moirra E. Stuart, Ph.D., Associate Professor
Isidore Udoh, Ph.D., Assistant Professor
Julia Valley, Ph.D., Assistant Professor

Exercise Science

EXSC-403. Introductory Research Methods And Statistical Analysis. 3 Hours.

The course provides an introduction to a number of basic research designs and the appropriate parametric and/or non-parametric statistical tests for the analysis of data collected using these designs. Additionally, the students will be given an overview of the research process, the various types of research and the various avenues for research presentation.

EXSC-404. Exercise Testing And Prescription. 3 Hours.

The laboratory component of the course provides instruction and experience in the performance of laboratory and field tests for the measurement of variables needed to evaluate the health-related fitness components (i.e., cardiorespiratory endurance, muscular strength/endurance, muscular flexibility, and body composition). The lecture component of the course focuses on the physiological rationale for these tests and covers the procedures for utilizing the information collected in laboratory and field testing. Specifically, students will be instructed on the evaluation the health-related fitness status of tested individuals and on the prescription of exercise training regimens for health-related fitness status alteration and physical performance enhancement. An equipment fee of \$125 is required.

Prerequisites: EXSC-402 minimum grade of D and EXSC-403 minimum grade of D.

EXSC-405. Applied Nutrition. 3 Hours.

The course provides instruction in macronutrient requirements at rest and during exercise, energy balance for body composition alteration or maintenance (i.e., obesity prevention), fluid and electrolyte balance during exercise, and the vitamin/mineral concerns associated with exercise and performance. Additionally, the course will consider the preventative role of nutrition in various disease states including cardiovascular disease, degenerative bone disease, and diabetes.

Prerequisite: EXSC-401 minimum grade of D.

EXSC-413. Program Development And Management In The Fitness Industry. 3 Hours.

The course provides instruction in the area of organizational development and management in the corporate, commercial and institutional fitness industries. Specifically, an overview and the underlying principles of operating fitness facilities, sales/marketing strategies, member/ staff recruitment/ management practices, program/ specialized program management, equipment purchase/ maintenance, health/ safety considerations, facility development/ management, financial management, legal issues, and insurance considerations will be discussed.

EXSC-414. Program Development And Management In Health Promotion. 3 Hours.

The course provides instruction in the area of organizational development and management in the health promotion field. Specifically, the procedures for needs assessment, planning, implementation, resource identification/ allocation, marketing and evaluation for health promotion programs will be discussed.

EXSC-415. Exercise Management In Chronic Diseases And Disabilities. 3 Hours.

The course expands on the exercise testing and prescription information covered in EXSC-404 to include special population with chronic disease and/or disabilities. The course provides a pathophysiological overview of various cardiovascular, pulmonary, metabolic, immunological/hematological, orthopedic, neuromuscular, cognitive, emotional and sensory disorders. A major portion of the course deals with exercise management in people with these disease/ disabilities and, in particular, instruction on the special exercise testing and prescription considerations for these populations (e.g., abnormal exercise response potential, exercise interaction with commonly prescribed medication, etc.).

Prerequisite: EXSC-404 minimum grade of D.

EXSC-416. Practices In Cardiac Rehabilitation. 3 Hours.

The course provides the student with a concise and comprehensive overview of the research and currently accepted professional practice in the fields of heart disease primary prevention and cardiac rehabilitation. Specifically, the epidemiology, pathophysiology, diagnosis and treatment of heart disease will be discussed. Included in these discussions will be the diagnostic and prognostic use of exercise testing in cardiac patients. Additionally, a significant portion of the course will cover cardiovascular disease risk factor modification and the rehabilitation cardiac patients, including exercise prescription guidelines for this special population.

Prerequisite: EXSC-404 minimum grade of D.

EXSC-417. Human Sexuality. 3 Hours.

The course provides instruction in the anatomical, physiological, developmental, psychosocial, cultural and health-related aspects of human reproduction and sexuality. The primary goal of the course is to enhance student understanding and comfort with regard to these topics.

EXSC-418. Current Topics In Exercise Science. 3 Hours.

The course provides students with the opportunity to explore the current research in the various areas that encompass the Exercise Sciences. Additionally, students are provided with a venue in which to discuss, with their peers and their professors, these topics salient to their professional growth and development. Understanding of these current topics is evaluated through the students' written reviews, oral presentations, and participation in class discussions of the presented reviews.

Prerequisites: EXSC-401 minimum grade of C and EXSC-402 minimum grade of C and EXSC-403 minimum grade of C and EXSC-405 minimum grade of C.

EXSC-419. Psychology Of Exercise & Health Behaviors. 3 Hours.

The course provides instruction in the biopsychology and applied psychology of exercise and health behaviors. The neurological basis of learning as it is integrated into the learning of behaviors will be emphasized within the context of individual characteristics, motivation, psychological interventions, and social processes that influence exercise and health behaviors.

EXSC-420. Prevention Of Chronic Disease Through Diet & Exercise. 3 Hours.

The course covers the molecular and cellular basis of prevention of chronic diseases. The emphasis is on the biological mechanisms of the causes of chronic diseases and on how dietary components and repeated stressful exercise alter the mechanisms of cause to reduce risk for these diseases. The major topics include: inflammation, obesity, metabolic syndrome and diabetes, atherosclerosis, and cancer.

Prerequisites: EXSC-401 minimum grade of C and EXSC-405 minimum grade of C.

EXSC-421. Motor Control And Learning. 3 Hours.

The course provides instruction in how humans control locomotion and how they learn/re-learn motor skills. Specifically, the course emphasizes the observable behavioral aspects of motor control/learning while detailing the neurophysiological and biomechanical processes that result in the aforementioned motor behaviors.

Prerequisite: EXSC-403 minimum grade of D.

EXSC-422. Biomechanics. 3 Hours.

The course provides instruction in how the interaction between anatomy, physiology, and the laws of physics affect and control human movement and performance. Specifically, the biomechanical of work and energy, balance and movement control, force load and force production, and fatigue during exercise and performance will be discussed.

Prerequisites: EXSC-402 minimum grade of D and EXSC-403 minimum grade of D.

EXSC-425. Exercise And Environmental Physiology. 3 Hours.

The course provides instruction on how the human body functions in stressful environments, and how these environments may alter human performance. Specifically, the effect of heat/humidity, cold/windchill, depth, altitude and air pollution on the physiology of the resting and exercising human body will be discussed.

Prerequisite: EXSC-402 minimum grade of D.

EXSC-426. Growth, Maturation, And Performance. 3 Hours.

The course provides instruction on the biological growth and maturation processes, the effects of physical activity on child and adolescent growth, and the physical performance ability variations seen throughout growth and maturation. Included will be discussions on the age-/gender- variations in growth and performance, the factors regulating/ influencing growth, maturation and performance, the chronic disease and injury risk factors in children, and other critical issues that must be considered when dealing with physical performance in children and adolescents.

Prerequisites: EXSC-402 minimum grade of D and EXSC-405 minimum grade of D and EXSC-421 minimum grade of D.

EXSC-427. Competitive Performance In The Disabled. 3 Hours.

The course provides instruction on the history, current status, and future directions of disability sport within our society. Specific discussions will include the psychosocial and medical issues that must be considered when working with the physically active disabled, and the existing sports, sport modifications, participation opportunities, and participation barriers for individuals with performance-altering impairments.

EXSC-428. Female-Specific Performance Issues. 3 Hours.

The course provides instruction on critical medical, physiological, psychosocial and behavioral issues for the physically active female from prepubescence through maturity. The female-specific topics to be discussed relative to exercise and performance include physiology, potential injury risks, physical and hormonal variations, health issues, activity and aging, exercise training prescription, substance abuse, eating disorders, and the psychosocial attitudes towards the athletic female.

Prerequisites: EXSC-402 minimum grade of D and EXSC-405 minimum grade of D.

EXSC-430. Internship. 3 Hours.

The course provides students the opportunity to gain practical exercise science (e.g., fitness, wellness, or human performance) career experience in corporate, commercial, institutional, community, educational, rehabilitative or research settings.

EXSC-431. Independent Study/Research. 3 Hours.

The course affords students the opportunity to conduct an independent experimental, descriptive, analytical or qualitative research project within the exercise sciences. The credit hours can also be used for faculty-monitored learning of advanced laboratory methodology not covered in the current curriculum. Planning of the proposed research project or independent study must be supervised and approved by an EXSC faculty member prior to course enrollment approval. Submission of a written report of the completed research project or independent study will be required for all students.

Prerequisite: EXSC-403 minimum grade of D.

EXSC-432. Thesis Research. 6 Hours.

For those students selecting the Thesis Option for the Master of Science in Exercise Science degree, the course provides faculty guidance in the areas of research question development, research design, data analyses, data interpretation, written research presentation and oral research presentation.

Prerequisite: EXSC-403 minimum grade of D.

EXSC-433. Performance-Related Injury Management. 3 Hours.

The course provides instruction in the prevention and management of injuries related to human performance. The topics discussed include an overview of the athletic training profession, techniques for injury risk management, the pathology of injury, various injury management skills (e.g., psychosocial intervention, injury evaluation/emergency care, therapeutic modalities, exercise rehabilitation and pharmacology), and an overview of the evaluation, care, and rehabilitation of various specific performance-related injuries.

Prerequisites: EXSC-402 minimum grade of D and EXSC-405 minimum grade of D.

EXSC-434. Physiology Of Aging And Physical Activity. 3 Hours.

The course provides instruction in the theories of the aging process and the age-related changes in the functioning of various physiological systems. Specifically, the age-related changes in bioenergetics, work capacity/ efficiency, cardiopulmonary function, muscular strength, endurance, motor control, motor performance, and psychosocial functioning, among other variables are discussed. Additionally, the potential role of physical activity and exercise in the alteration of these age-related changes, quality of life indices, functional capacity, and productivity in the elderly will be presented.

Prerequisite: EXSC-402 minimum grade of D.

EXSC-435. Theory & Methodology Of Coaching. 3 Hours.

The course provides instruction on the theories and methodologies of sport coaching. Specific emphasis will be placed on the planning, implementation and assessment aspects of coaching, including the philosophical foundations of coaching, technical and tactical coaching principles and player assessment strategies.

Prerequisite: EXSC-421 minimum grade of C.

EXSC-442. Sports-Specific Exercise Training. 3 Hours.

This course integrates the cellular basis of performance enhancement with the components of fitness and of skill enhancement to develop an integrated and applied-science approach to exercise training for: the maximum-performance/moderate-skill sports of sprint long-distance running, cycling, and swimming; the high-level fitness/high-skill sports of gymnastics, hockey, and soccer, and to the lower-level fitness/high-skill sports of basketball, football, and golf.

Prerequisites: EXSC-403 minimum grade of C and EXSC-421 minimum grade of C.

EXSC-444. Cellular Physiology Of Exercise. 3 Hours.

The course provides instruction in the bioenergetics of human movement. Specifically, cellular metabolism and its neuroendocrine control, at rest and in response to both acute and chronic exercise, will be discussed. Additionally, the processes and control of transcription, protein synthesis, and protein degradation will be covered.

Prerequisites: EXSC-440 minimum grade of C and EXSC-441 minimum grade of C.

EXSC-445. Cardiovascular & Respiratory Physiology Of Exercise. 3 Hours.

The course provides advanced instruction in the functioning of the respiratory, cardiovascular and skeletal muscular systems at rest and during exercise. Specifically, the course will provide instruction in pulmonary ventilation, myocardial functioning, circulatory response and skeletal muscle contraction, as well as neuroendocrine control of these processes, at rest and during exercise. Additionally, the exercise-specific application of these physiological processes will be discussed in reference to strength/endurance exercise training adaptations, neuro-muscular fatigue, ergogenic aids (i.e., human performance enhancement substances), gender-related performance differences, and youth exercise/performance.

Prerequisites: EXSC-440 minimum grade of C and EXSC-441 minimum grade of C.

Health Education

HLED-101. Cardiopulmonary Resuscitation And First Aid. 1 Hour.

American Red Cross standard course in first aid and CPR.

HLED-103. Community Health. 3 Hours.

This course is an introduction to community health, public health, and health education that includes health services, environmental health, behavioral health, public policy, healthcare systems, occupational health and other subfields. Students will explore the concepts of advocacy and health disparities on local and global levels in the context of historical and contemporary events. Students will locate and interpret valid health information, practice assessment skills, develop educational interventions for priority populations, act as a resource person, and advocate for the profession and health of others. This will be accomplished through course discussions, assignments, and presentations.

HLED-105. Preparation For Marriage. 2 Hours.

Analysis of factors in emotional, biological, social and spiritual maturity as they relate to the individual, marriage and the family.

HLED-107. Health For Effective Living. 2 Hours.

Consideration of concepts related to the physical, mental and social dimensions underlying personal health. Emphasis upon motivation for intelligent self-direction of health behavior based upon current scientific facts.

HLED-111. Cardiopulmonary Resuscitation. 1 Hour.

The course will provide the student with the necessary physical skills, as well as pertinent background information of how when and under what circumstances to perform cardiopulmonary resuscitation (CPR). Students who successfully complete this course receive American Health Association Certification.

HLED-199. Health & Wellness Of The Emerging Adolescent Student. 3 Hours.

Concentration of concepts related to the physical, mental, and social dimensions underlying personal health of educators and emerging adolescents. Emphasis on motivation for intelligent self-direction of health behavior based upon current scientific facts. Introduction of concepts related to the physical, mental and emotional dimensions underlying personal health and development of children, emerging adolescents and their teachers. Emphasis is on how these developmental issues impact students' classroom, social and learning behaviors.

HLED-202. Safety Education. 3 Hours.

Safety education in elementary and secondary schools. Sources of materials; coordination with agencies furthering safety within and outside the schools; practical application of safety education.

HLED-206. Standard First Aid Instructor. 2 Hours.

American Red Cross advanced course in first aid and opportunity for authorization as an instructor.

Prerequisite: HLED-101 minimum grade of D.

HLED-212. Consumer Health. 3 Hours.

Prepares the student to make wise choices in the selection of health products and health services. Emphasis on proper utilization of the health care system and evaluation of products and services with regard to cost and impact on physical and mental health. Includes identification of reliable sources of health-related information, laws and agencies to protect the consumer.

HLED-303. Sex Education. 3 Hours.

This course will cover the neurobiology of learning and behavior, sexual anatomy, theories of love and attraction, biology of sexual response, pregnancy and childbirth, sexual expression throughout life, sexually transmitted diseases, and social, cultural, and religious influences on sexual attitudes and behaviors. Students will locate and interpret valid health information, practice assessment skills, develop educational interventions for priority populations, act as a resource person, and advocate for the profession and health of others. This will be accomplished through course discussions, assignments, and presentations.

HLED-305. Health Education For The Middle And High School. 3 Hours.

Subject matter selection and organization for teaching purposes; correlation potential of health instruction in school subjects, methods of presentation, educational principles in health. Emphasis upon the professional and legal responsibilities of the secondary teacher in the total school health program.

Prerequisites: HLED-303 minimum grade of D and HLED-309 minimum grade of D and HLED-345 minimum grade of D and (SCED-301 minimum grade of D or ELED-311 minimum grade of D or SCED-311 minimum grade of D).

HLED-307. Human Diseases. 3 Hours.

Nature, prevention, control and treatment of communicable, chronic and degenerative diseases, the general principles of resistance and causality of disease; man's interaction with his environment and total pattern of living as the primary source of disease.

Prerequisite: PEMT-305 minimum grade of D.

HLED-309. Nutrition And Health. 3 Hours.

This course provides a foundation in nutrition through the examination of the link between research, theory, and practice. It also discusses the settings, audiences, and scope of nutrition education, as well as the determinants of behavior change, including knowledge, self-efficacy, motivation, social support, and cultural context. Using social ecological, reasoned action, life course, social cognitive, self-regulation, self-determination, and trans-theoretical approaches, learners develop procedures for planning community- or school-based educational activities, taking into account environmental support and audience-specific characteristics. They also create plans for implementing and evaluating nutrition programs.

HLED-312. Current Health Concepts. 3 Hours.

This course examines contemporary themes and approaches in health promotion and disease prevention. Using a multidisciplinary approach, students examine the underlying determinants of health related to socio-demographic vulnerabilities. They are also introduced to current public health practice and policy, and examine their connections to issues of social, economic, and political development and their impact on the environment.

HLED-314. Principles Of Epidemiology In Higher Education. 3 Hours.

Presents principles and practices related to the cause, prevention and control of disease. Emphasis is placed on understanding the occurrence and distribution of disease, incidence and prevalence rates and descriptive and analytic epidemiological studies. Additional emphasis is placed on the application of epidemiologic data to primary, secondary and tertiary prevention.

HLED-316. Health Disparities: Individual, Communities, And Systems. 3 Hours.

This course provides students with theoretical applications to conduct research and identify interventions to reduce health disparities. Content focuses on how health disparities are defined, their prevalence, why and among whom they exist, issues and methods of measurement, and approaches to addressing them including community-based participatory research. While racial/ethnic disparities in health and health care will be an important focus of the course, disparities among other subgroups will be included (e.g. gender, geographic, environmental, SES, social and behavioral risk factors). An inquiry-based learning project and conference proposal will integrate what is learned through lectures, in-class activities, guest speakers, and readings.

HLED-317. Age, Death, And Dying. 3 Hours.

This course will provide students with an interdisciplinary understanding of the human experiences of aging, death and dying, focusing primarily on psychosocial, mental health, behavioral, and ethical issues. Students will examine the way individuals, communities, and societies perceive and manage the elderly and the issues surrounding the end of life. The causes and effects of attitudes towards these subjects will be explored as well as how these perceptions relate to health behavior.

HLED-340. Health Behavior Theory And Practice. 3 Hours.

This course is an introduction to the fundamental theories in behavior. Because theory and practice are driven by research, the course will also introduce students to examples of health promotion research. Students will analyze constructs that explain or predict behavior including intrapersonal capacity, interpersonal supports, and environmental contexts. They also will apply individual and community-based theories to the design of a community health intervention.

Prerequisites: HLED-303 minimum grade of D and HLED-309 minimum grade of D and HLED-345 minimum grade of D.

HLED-345. Drug Education. 3 Hours.

The course covers the CNS functions and the neurophysiology of learned behavior and drug addiction and the biological and social health consequences of drug use and abuse. Mechanisms of drug actions and their physiological and toxic/biochemical effects are emphasized and how these responses interact to affect the health of the individual and society. Prior undergraduate coursework in human biology, anatomy, and/or physiology is strongly recommended.

Prerequisite: PEMT-305 minimum grade of D.

HLED-350. Health Program Needs Assessment, Planning, And Implementation. 3 Hours.

This course is part one of a two-part course series in which students plan an evidence-based, community health program that addresses population needs. In this course, students will evaluate primary and secondary data to identify population needs and capacity for health programming. They will also develop the mission statement, goals, and objectives for a health program that addresses identified needs for a selected population. Finally, they will design a theory-driven health education intervention and impact evaluation. Ethical use of technology to support learning, reflection, communication, and collaboration is foundational to this course.

Prerequisites: HLED-308 minimum grade of C and PEMT-315 minimum grade of C.

HLED-355. The Organization And Administration Of The School Health Program. 3 Hours.

This course covers the components of a coordinated school health program, explores how those components contribute to a healthy school environment, and builds connections between the school environment and students' motivation and ability to learn. Learners will locate, evaluate, and create school health communications; plan, prepare to implement, and evaluate professional development that advocates for school health; design, implement, and evaluate a needs assessment; and practice the administration skills to form a school health council. Additional content includes the ethical use of technology to support learning, reflection, communication, and collaboration is foundational to this course.

Prerequisites: HLED-303 minimum grade of C and HLED-309 minimum grade of C and HLED-345 minimum grade of C.

HLED-360. Health Program Administration, Marketing, And Evaluation. 3 Hours.

This course is part two of a two-part course series in which students plan an evidence-based community health program that addresses population needs through evidence-based interventions. In this course, students develop skills to manage a health program via fiscal, capital, and human resource planning. This includes identifying stakeholders and community partners. Also, students design a marketing plan and intervention to promote their program and advocate for a target audience. Additionally, they practice program evaluation and research design. Finally, students prepare a professional development plan. Use of technology to support learning, reflection, communication, and collaboration is foundational to the course.

Prerequisite: HLED-350 minimum grade of C.

HLED-370. Field Experience: Community Health. 9 Hours.

The 200-hour community health field experience affords students the opportunity to integrate concepts and skills, learned in the curriculum, while immersed in a community and public health setting. A weekly seminar provides interns a forum to debrief field experiences, learn about the profession, and prepare for a job search. Completion of performance-based assessments aligned with the CHES (Community Health Education Specialist) competencies support the development of a professional portfolio. Guided activities support those seeking to sit for the CHES exam.

Prerequisite: HLED-360 minimum grade of C.

HLED-375. Health Education Clinical Experience. 3 Hours.

This course provides the seminar component for the Health Education Clinical Observation. Students meet weekly to share and debrief their field experiences, collectively solve instructional and classroom management problems, revisit research and theory regarding addressing the needs of a diverse learning audience, and learn about the health education profession. Observation, reflection, teaching, and assessment are critical activities in this course.

Physical Education

PEMA-152. Judo And Self-Defense. 1 Hour.

Examination and practical application of judo and self-defense techniques. Special emphasis on proper training methods, physical conditioning, teaching techniques, and rules and regulations in contests.

PEMA-153. Foil Fencing. 1 Hour.

Instruction and drills in basic skills: footwork, lunge, simple and compound attacks, various defensive maneuvers, offensive and defensive strategies. Rules, judging and directing, bouts and tournaments.

PEMA-161. Badminton. 1 Hour.

Introduction to basic skills: clear shots, serves, drop shots, smashes, offensive and defensive strategies. Rules, singles and doubles; tournaments.

PEMA-162. Bowling. 1 Hour.

Theory and practices; rules, regulations, skill practice, tournament play and handicapping and coaching.

PEMA-163. Golf. 1 Hour.

Instruction designed for beginning and experienced golfers in proper use of woods; long, middle, and short iron shots; putting, and specialty shots. Etiquette and rules of golf; visitation to driving range and golf course.

PEMA-164. Archery. 1 Hour.**PEMA-165. Tennis. 1 Hour.**

Instruction designed for the beginning player with major emphasis on the serve, forehand/backhand ground strokes. Additional instruction with the lob, volley and overhead. Singles/doubles play and strategies. Rules, tennis etiquette, and tournaments.

PEMA-166. Recreational Games. 1 Hour.

Choosing, teaching and organizing informal recreational activities, including non-traditional, creative activities, sedentary, competitive and cooperative play situations.

PEMA-167. Field Hockey. 1 Hour.

History, theory and practice, rules and regulations, skill practices, purchase and care of equipment, team organization, strategy, competition and safety measures.

PEMA-171. Softball. 1 Hour.

Emphasis on basic softball skills, team offensive and defensive strategies, rules, interpretations and umpiring mechanics with practical umpiring experience during games.

PEMA-172. Basketball. 1 Hour.

Review of skills with emphasis on team drills and team play. Thorough coverage of rules and mechanics of officiating. Practical use of officiating techniques during games. Team tournaments as well as a one-on-one tournament.

PEMA-173. Volleyball. 1 Hour.

Basic instruction in power volleyball skills; serving, passing, spiking. Offensive and defensive team play, rules strategies and tournaments.

PEMA-181. Advanced Swimming Techniques. 1 Hour.

Instruction in the basic strokes and in elementary diving front and back, safety skills in and near the water and activities to increase endurance and respond appropriately should injury occur.

Prerequisite: PESV-105 minimum grade of D.

PEMA-201. Racquetball. 2 Hours.

Introduction to basic and advanced skills: serves, kill shots, passing shots, ceiling shots; use of back wall and corners; offensive and defensive strategies; singles, doubles, cutthroat play; tournaments.

PEMA-203. Weight Training. 2 Hours.

Basic principles of weight training and its effects on the body; proper lifting and training technique, individualized programs for general fitness or athletics, isometrics and safety procedures.

PEMA-204. Weight Training - Variable Resistance Method. 2 Hours.

Variable resistance of weight training with instruction on structure and function of variable resistance machines. Training principles, safety procedures and techniques applied to individualized basic workout.

PEMA-205. High Intensity Weight Training. 2 Hours.**PEMA-250. Judo And Self Defense: Intermediate. 1 Hour.**

Practical application of various intermediate judo and self-defense techniques, mat holds, escaped and chokes. Continued emphasis on proper training methods, physical conditioning, teaching techniques, and rules and regulations in contests.

Prerequisite: PEMA-152 minimum grade of D.

PEMA-252. Folk, Round And Square Dance. 1 Hour.

Development of knowledge and skill in folk, national and square dances, experience in square dance calling and methods of class organization and teaching.

PEMA-253. Social Dance And Latin American Rhythms. 1 Hour.

Practice in basic patterns and routines of ballroom dances, developing a finer sense of rhythm, greater adeptness, comprehension, and opportunity to design routines.

PEMA-265. Intermediate Tennis. 2 Hours.

Review of the forehand and backhand ground strokes, the flat serve, basic strategy, rules and etiquette. Introduction to intermediate skills such as the volley, the lob, drop shots, passing shots and the overhead. Additional emphasis on topspin ground strokes, advanced singles and doubles strategies and tournament play.

Prerequisite: PEMA-165 minimum grade of D.

PEMA-271. Track And Field. 1 Hour.

Theory and practice: terminology and fundamental skills of track and field events and cross-country, techniques of physical conditioning; safety measures.

PEMA-272. Intermediate Volleyball. 2 Hours.

Review of basic fundamentals, introduction of intermediate skills and progressions, officiating and tournaments, offensive and defensive strategies.

Prerequisite: PEMA-173 minimum grade of D.

PEMA-273. Flag Football. 1 Hour.

PEMA-276. Team Sports. 3 Hours.

Theory, skill and practice in common sports with emphasis on lea-up games and drills. Skill analysis, lessons and focused practice as well as team play tournaments and safety measures will be covered.

PEMA-277. Foundations Of Wrestling. 1 Hour.

History, skills, practice, strategy and safety practice; rules, regulations, contest, tournaments and safety measures will be covered.

PEMA-280. Basic Skin Diving. 1 Hour.

Introduction of the swimmer to underwater activity through the use of fins, mask and snorkel.

Prerequisite: PESV-105 minimum grade of D.

PEMA-282. Swimming Fitness. 2 Hours.

To introduce the swimmer to the process of physical conditioning through aquatics. To define and use the different training methods in conditioning swimmers (warm-ups, phrases, pacing, fatigue, and staleness). To practice different swim strokes and perfect techniques used in each. To help each swimmer set goals that can realistically achieved. To make each swimmer safer and more self reliant in and around water.

Prerequisite: PESV-105 minimum grade of D.

PEMA-283. Water Aerobics. 2 Hours.

Swimming is one of the best physical activities for people of all ages. Vigorous water activities can make a major contribution to the flexibility, strength and circulatory endurance of individuals.

PEMA-288. Flatwater Canoeing. 2 Hours.

Flatwater canoeing is a skill acquisition and teaching methodology course which covers flatwater canoeing techniques, safety, and technical knowledge.

Prerequisite: PESV-104 minimum grade of D.

PEMA-290. Kayaking And Decked Boat Paddling. 2 Hours.

Decked boat paddling is a skill acquisition and teaching methodology course which utilized kayaks and decked boats.

Prerequisites: PEMA-288 minimum grade of D and PESV-105 minimum grade of D.

PEMA-301. Projects In Physical Education. 2 Hours.

Organization and administration of special physical education projects; athletic days, tournaments, fun-nites, supervisory duties and responsibilities.

PEMA-332. Fundamentals Of Yoga Philosophy And Practice. 3 Hours.

Introduction to the philosophy and practice of yoga. The philosophical view will be based on Pantanjali's yoga system. In addition, proper breathing techniques, nutrition, positive thinking, relaxation, concentration and stress management will be covered.

PEMA-333. Advanced Application Of Yoga Philosophy And Practice. 3 Hours.

This course will emphasize advanced yoga philosophy and practices. In addition, advanced yoga philosophy and practices. In addition, advanced breathing techniques, relaxation poses, concentration and task performance functions of mind, physical health and stress management will be emphasized.

PEMA-350. Judo And Self Defense: Advanced. 1 Hour.

Advanced judo and self-defense techniques, their combinations, counters, defenses and escapes. Learning various stages of the nage-no-kata, and the katame-no-kats.

Prerequisite: PEMA-250 minimum grade of D.

PEMA-381. Water Safety Instructor. 2 Hours.

Work leading to certification by the American Red Cross as a Water Safety Instructor; review of life saving, swimming strokes, diving and stunts; emphasis on practical teaching experiences.

PEMA-382. Scuba. 2 Hours.

Development of knowledge, skills and attitudes necessary to participate safely in water activities using self-contained underwater breathing apparatus.

Prerequisite: PESV-106 minimum grade of D.

PEMA-383. Scuba: Open Water. 2 Hours.

Introduction to open water scuba diving, underwater skills, and safety procedures.

Prerequisite: PEMA-382 minimum grade of D.

PEMT-109. First Year Experience: Chicago Body Works. 3 Hours.

This course will give students a comprehensive and practical view of the importance of fitness and nutrition in their daily lives. Students will be engaged in activities that they can participate in for life. They will learn the underlying fundamentals of a fit for life attitude. Each student will be provided with the knowledge and understanding of how to assess their current level of fitness and how to make improvements in the five health-related fitness component areas (cardiovascular fitness, body composition, flexibility, muscular strength and muscular endurance) through various physical and skill related activities. Also emphasized will be the importance and application of proper nutrition. A strong focus will be the multifaceted and diverse challenges faced by individuals committed to pursuing wellness in Chicago.

PEMT-109B. First Year Experience: Adventure In Chicago. 3 Hours.

Through a context of Adventure, this course provides students with a diverse range of challenging cognitive and physical activities, both on campus and off, that highlight and enhance the personal and groups skills needed to move through the adventures that will be presented and the adventures that are inherent in a college program. Students will have the opportunity to participate in teambuilding activities, vertical ascents, community service adventures, and other Chicago area challenges. Some level of active participation will be a requirement to Adventure in Chicago.

PEMT-141. Fresh Water Fishing For Beginners. 2 Hours.**PEMT-151. Fundamentals Of Rhythms. 3 Hours.**

This course will cover basic locomotor movements, choreography skills (movements with music), and several genres of dance (i.e. ballet, jazz, and modern). Students will be introduced to a wide range of dance forms (social, cultural, and creative dance) and dance pedagogy. Students will achieve proficiency in a variety of fundamental dance skills and basic teaching strategies. Departmental Approval required.

PEMT-201. Introduction To Principles And Methods In Physical Education. 3 Hours.

Principles, methods, aims and objectives of physical education; the place of physical education in the school curriculum; general and specific objectives; general techniques in teaching; principles of selecting content; progressions, building curricula to fit varying schools; lesson planning leadership, and squad organizations; co-operation with teachers, supervisors and administrators.

PEMT-203. Fitness Education. 3 Hours.

This course will cover the development and implementation of numerous fitness-related activities and current trends in fitness for physical education. Students will be introduced to the components of health and skill related fitness, principles of training and fitness pedagogy through experiential activities. Students will achieve a thorough understanding of fitness.

Prerequisites: PEMT-201 minimum grade of C and College of Education Admission YES.

PEMT-2031. Field Experiences:Dance Theory Aquatic Medium. 3 Hours.**PEMT-2032. Field Experiences:Recreation Program Leadership. 3 Hours.****PEMT-2033. Field Experiences:Officiating Football And Basketball. 3 Hours.****PEMT-2034. Field Experiences:Summer Recreation Leadership. 3 Hours.****PEMT-203A. Field Experiences:Football, Coaching And Team Management I. 3 Hours.****PEMT-203C. Field Experiences:Basketball, Coaching And Team Management I. 3 Hours.****PEMT-203E. Field Experiences:Softball, Coaching And Team Management I. 3 Hours.****PEMT-203G. Field Experiences:Baseball, Coaching And Team Management I. 3 Hours.****PEMT-203I. Field Experiences:Tennis, Coaching And Team Management I. 3 Hours.****PEMT-203K. Field Experiences:Golf, Coaching And Team Management I. 3 Hours.****PEMT-203M. Field Experiences:Swimming, Coaching And Team Management I. 3 Hours.****PEMT-203O. Field Experiences:Waterpolo, Coaching And Team Management I. 3 Hours.****PEMT-203Q. Field Experiences:Volleyball, Coaching And Team Management I. 3 Hours.****PEMT-203S. Field Experiences:Gymnastics, Coaching And Team Management I. 3 Hours.****PEMT-203X. Field Experiences:Camping And Outdoor Recreational Activities. 3 Hours.****PEMT-205. Nutrition, Weight Control And Exercise. 3 Hours.**

Principles of exercise and nutrition as they apply to fitness and weight control. Special emphasis is directed toward the management of these variables in influencing body composition, lean body weight, growth and physical performance. A class experiment will help show the effects of behavior modification on weight control. Additional topics include the effects of aging, sexual differences and various physical activities on body composition and fitness.

PEMT-206. Socio-Cultural Influences On Physical Activity. 3 Hours.

This course will cover the contemporary and historical perspectives on social and cultural issues that influence youth in physical activity settings. Students will be introduced to issues including race, gender, sexuality, body image, and socioeconomic status and how they influence physical activity. Students will achieve a broader understanding of how these issues influence physical activity and strategies to encourage participation.

PEMT-220. Introduction To Adventure Education. 3 Hours.

The student will learn outdoor skills with practical knowledge, safety and concern for the environment being the main objective. In addition, the student will develop problem solving and critical thinking skills through a series of physically and mentally challenging tasks. a weekend outdoor trip is required.

PEMT-231. Individual & Dual Sports. 3 Hours.

Analysis of sport skills used in common individual and dual activities. Organization and sequencing of skills, practice sessions, lead-up activities and drills as well as rules, strategies, tournaments, and safety concerns will be addressed.

Prerequisites: PEMT-201 minimum grade of C and College of Education Admission YES.

PEMT-241. Advanced Techniques And Theories In Fresh Water Fishing. 2 Hours.

Prerequisite: PEMT-141 minimum grade of D.

PEMT-276. Team Sports. 3 Hours.

Theory, skill and practice in common sports with emphasis on lea-up games and drills. Skill analysis, lessons and focused practice as well as team play tournaments and safety measures will be covered.

Prerequisites: PEMT-201 minimum grade of C and College of Education Admission YES.

PEMT-300. Adventure Education Programming. 3 Hours.

Course will focus on how to integrate an interdisciplinary adventure-based program into traditional school curricula. The following topics will be investigated: Philosophical knowledge of adventure education, liability and safety in program design and developing interdisciplinary education units.

Prerequisites: PEMT-201 minimum grade of C and College of Education Admission YES.

PEMT-301. Physical Education Seminar. 2 Hours.

Discussion of student teacher's problems; conferences and counseling with department staff members; physical education lesson planning and discussions; positive disciplinary control.

PEMT-302. Kinesiology. 3 Hours.

A sytematic approach to the analysis of the responses of the human organism to both internal and external forces. The human body as an instrument for solving environmental challenges in movement will be investigated from both qualitative and quantitative perspectives. Lecture and laboratory.

Prerequisite: PEMT-305 minimum grade of D.

PEMT-303. Adapted Physical Education And Recreation. 3 Hours.

Examines the physical education and recreation program for the handicapped and other atypical populations; history, scope, purpose and development of these programs. Field work and visits to various agencies included in these programs.

Prerequisites: PEMT-201 minimum grade of C and PEMT-343 minimum grade of C and College of Education Admission YES.

PEMT-304. Athletic Training. 3 Hours.

Techniques, practices, problems and theories pertaining to athletic conditioning, prevention, treatment and care of athletic injuries. Organization, supervision and administration of an athletic training program in secondary school or colleges.

Prerequisite: PEMT-302 minimum grade of D.

PEMT-305. Functional And Structural Human Anatomy. 4 Hours.

This course will cover the fundamental functional and structural anatomical aspects of the human body. Students will be introduced to the skeletal, muscular, nervous, respiratory, cardiovascular, endocrine and reproductive systems. Students will achieve a broad understanding of the function and structure of these systems and how this knowledge can be applied in health and physical activity settings.

PEMT-306. Exercise Physiology. 3 Hours.

This course will cover a broad understanding of the metabolic processes and various physiological systems that underlie human movement. Students will be introduced to the specific adaptations that occur within the body as a result of various types of physical activity. Students will achieve a strong understanding of how physiological concepts, related to human movement, explain the impact of exercise and physical activity on the body. Additionally, students will be able to apply their knowledge of these systems to provide more effective exercise, sport and physical activity programs. Departmental approval required.

Prerequisites: PEMT-307 minimum grade of C and PEMT-305 minimum grade of C and College of Education Admission YES.

PEMT-307. Assessment In Physical Education. 3 Hours.

This course will cover the role of assessment in k-12 physical education programs.

Students will be introduced to the development of assessments in the psychomotor, cognitive and affective learning domains. In addition they will learn basic statistics, introductory data manipulation, presentation, and analysis. Students will achieve an understanding of the basic principles of assessment, creation of developmentally appropriate assessments, and achieve proficiency in the manipulation, presentation, and interpretation of assessment data.

Prerequisites: PEMT-201 minimum grade of C and College of Education Admission YES.

PEMT-308. Motor Skill Behavior. 3 Hours.

This course will cover the central theories and concepts of motor skill behavior and their practical application in instructional settings. Students will be introduced to motor skill learning theories and concepts explaining central and sensory control of movement, childhood motor development and factors influencing motor skill learning. Students will achieve a broad understanding of how to apply these theories and concepts in practitioner based settings such as teaching, coaching, clinical and therapeutic environments. Departmental Approval required.

Prerequisites: PEMT-307 minimum grade of C and College of Education Admission YES.

PEMT-309. Sport & Exercise Psychology. 3 Hours.

This course will cover the psychological theories and constructs that underlie performance in sport, exercise and physical activity settings. Students will be introduced to the foundational theories that explain individual and contextual factors that influence behavior in the physical realm. A theory to practice approach will be used to understand the psychology of sport and exercise behavior. Departmental approval required.

Prerequisites: PEMT-201 minimum grade of C and College of Education Admission YES.

PEMT-311. Introduction To The Theory And Methodology Of Coaching. 3 Hours.

This course will cover the basic theory, methodology, and principles of athletic coaching. Students will be introduced to sport and exercise science theory, instructional methodology, and pedagogical principles related to athletic coaching. Students will achieve a broad understanding of how theory and methodology underpin quality athletic coaching and the ability to apply these concepts in practice. Requires Departmental authorization/approval.

PEMT-316. Writing Intensive Program: Writing In Health, Physical Education, Recreation & Athletic Professions. 3 Hours.

This course is a writing intensive experience, offering students the opportunity to develop written communication skills in their profession. Topics include evaluating sources of information, conducting an annotated bibliography using library databases, citing references using APA format, ethical use of resources, utilizing a multi-step writing process, summarizing communications, building a persuasive argument, proposing a solution to a problem, and explaining a phenomenon. Exercises include developing press releases, memo, article critiques, newsletter articles, a grant application, resume, and cover letter in application for a job. Information sources include peer-reviewed and popular periodicals, videos, websites, textbook, and other appropriate media.

Prerequisite: ENGL-101 minimum grade of C.

PEMT-321. Intra-Murals Highschool. 3 Hours.**PEMT-341. Physical Education Curriculum Design. 3 Hours.**

This course will cover the design and implementation of current physical education curricular models. Students will be introduced to developmentally appropriate methodologies for lessons, units, and semester planning for a variety of models. Students will achieve an understanding of how to develop and apply these models in k-12 physical education settings. Requires Departmental authorization/approval.

PEMT-342T. Cooperative Learning In Adventure Education. 3 Hours.

This course is designed to provide theory and application of experiential learning, with application to the elementary and middle school classroom. The focus is on discovering self-knowledge, developing trust and promoting teamwork, establishing effective learning environments, learning principles of conflict resolution, and understanding and managing classroom group dynamics. There will be active hands-on participation in a variety of experiential activities, including the opportunity to co-facilitate learning experiences with peers and middle-school students, which will promote fuller understanding of the power and utility of experiential learning. There will be opportunities to work with students and teachers in elementary and middle schools.

PEMT-343. Foundations Of Physical Education For Elementary Schools. 3 Hours.

This course will cover the basic pedagogical principles and methodologies for the design and implementation of physical education in elementary schools. Students will be introduced to elementary planning, pedagogy, behavior management, and assessment and evaluation of student performance. Students will achieve the theoretical knowledge (classroom) and the practical experiences (field experience) required to fulfill the professional responsibilities of a successful elementary school physical educator. Additionally, students will be required to observe 20 hours in an elementary physical education setting.

Prerequisites: PEMT-201 minimum grade of C and College of Education Admission YES.

PEMT-344. Foundations Of Physical Education For Secondary & Middle Schools. 3 Hours.

This course will cover basic components of the edTPA portfolio, including a review of planning, implementation, and assessment in physical education. Students will be introduced to authentic physical education classroom settings and the planning, implementation and assessment processes that occur. Students will achieve a broad understanding of the edTPA process and the factors that influence quality physical education within the school setting. Students are required to complete a minimum of 100 hours of clinical observation (50 elementary, 50 secondary) during this course. Departmental Authorization/Approval required.

PEMT-351. Independent Study In Physical Education. 1 Hour.

Special project of the student's choosing relating to some facet of physical education.

PEMT-352. Independent Study In Physical Education. 2 Hours.

(See PEMT-351 for description.).

PEMT-353. Independent Study In Physical Education. 3 Hours.

(See PEMT-351 for description.).

PEMT-361. Aerobics And Cardiovascular Fitness. 2 Hours.

An analysis of the factors and exercises essential to cardio-vascular fitness. Emphasis upon the development of a personal aerobics exercise program.

PEMT-373. Outdoor Leadership Skills In Adventure Education. 3 Hours.

Leadership skills focuses upon theories, techniques and styles necessary for successful outdoor adventure leaders and the development of those skills on an individual basis.

PESV-104. Beginning Swimming. 1 Hour.

For non swimmers or beginners; development of skills in elementary strokes, diving and safety.

PESV-105. Intermediate Swimming. 1 Hour.

Review of elementary strokes; development of skills in advanced strokes, diving and safety.

Prerequisite: PESV-104 minimum grade of D.

PESV-107. Synchronized Swimming. 1 Hour.

Prerequisite: PESV-105 minimum grade of D.

PESV-127. Latin-American Dance. 1 Hour.

Latin-American dance skills; choreographic development of dance routines; historical and cultural aspects of Latin-American social dances.

Major in Physical Education K-12 Licensure

Please check with department chair or program coordinator as our curriculum is undergoing changes through the governance process.

Major in Physical Education K-12 Licensure for the Bachelor of Arts Degree

Physical Education (<http://neiu.edu/academics/college-of-education/departments/health-physical-education-recreation-and-athletics>) majors, upon successful completion of the program and graduation from Northeastern Illinois University, are entitled to the Illinois Professional Educator License (PEL), endorsed in Physical Education K-12. The program includes the 32 credit hour Professional Preparation portion and 53 credit hour Physical Education Major. Students are encouraged to complete the minor program in Health Education.

Unique to the Physical Education Major is the Block Program taken during the Senior year. In the Block Program, major courses are taken on campus during the morning hours. The student will spend six weeks in an elementary school for a minimum of 50 clinical hours, and six weeks in a high school for a minimum of 50 clinical hours.

NOTE: Students must be admitted into the College of Education no later than two semesters prior to the semester they wish to enter into the Clinical Block. Additionally, students must have completed all professional preparation (with the exception of SCED-305P (<http://catalog.neiu.edu/search/?P=SCED-305P>)) and major core coursework prior to entering into the Clinical Block.

EXIT REQUIREMENTS FOR DEGREE COMPLETION

Successful completion of all College of Education and HPERA Department program requirements, with the exception of a passing score on the edTPA (<http://neiu.edu/academics/college-of-education/edtpa>) assessment.

EXIT REQUIREMENTS FOR PROGRAM COMPLETION / ENTITLEMENT

Successful completion of all College of Education and HPERA Department program requirements, with evidence of a passing score on the edTPA assessment.

Note about APT: Currently, the ISBE requires licensure candidates to pass the APT exam. This regulation is in the process of being changed. Please check with your advisor or the department chair about the status of the APT exam.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Physical Education K-12 Program requirements

Completion of the Physical Education Program and other requirements leads to the Illinois Professional Educator's License (PEL). Grades in all major courses must be a "C" or higher, with a major GPA of 2.75. Please see course descriptions for prerequisite requirements.

Required Courses

Professional Preparation		
EDFN-305	Philosophical And Historical Foundations Of Public Education	3
EDFN-306	Education And Individual Differences	3
LTCY-301	Teaching Literacy In Junior & Senior High Schools	3
EDFN-307	Psychology Of Instruction And Learning	3
BLBC-341	Methods of Teaching in Bilingual Classrooms	3
SCED-311	Writing Intensive Program: School Curriculum	3
Physical Education Core		
PEMT-151	Fundamentals Of Rhythms	3
PEMT-201	Introduction To Principles And Methods In Physical Education	3
PEMT-206	Socio-Cultural Influences On Physical Activity	3
PEMT-305	Functional And Structural Human Anatomy	4
PEMT-231	Individual & Dual Sports *	3
PEMT-307	Assessment In Physical Education *	3
PEMT-309	Sport & Exercise Psychology *	3
PEMT-203	Fitness Education *	3
PEMT-276	Team Sports *	3
PEMT-302	Kinesiology *	3
PEMT-343	Foundations Of Physical Education For Elementary Schools	3
PEMT-300	Adventure Education Programming *	3
PEMT-303	Adapted Physical Education And Recreation *	3
PEMT-306	Exercise Physiology *	3
PEMT-308	Motor Skill Behavior *	3
Clinical Classes *		
PEMT-311	Introduction To The Theory And Methodology Of Coaching	3
PEMT-341	Physical Education Curriculum Design	3
PEMT-344	Foundations Of Physical Education For Secondary & Middle Schools	3
Student Teaching *		
SCED-305P	Secondary Student Teaching And Seminar In Physical Education	9
Total Hours		82

* College of Education (COE) admission is required.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1	Hours
College Level Math	3-5
ENGL-101	Writing I
3 GenEd courses	9
Term Hours	
	15-17
Term 2	Hours
ENGL-102	Writing II
4 GenEd courses	12
Term Hours	
	15

Second Year

Term 1		
CMTC-101 or 202	Public Speaking	3
HLED-107 or 312	Health For Effective Living	2-3
3 GenEd courses		9
		Term Hours 14-15

Term 2		
PEMT-151	Fundamentals Of Rhythms	3
PEMT-201	Introduction To Principles And Methods In Physical Education	3
PEMT-206	Socio-Cultural Influences On Physical Activity	3
PEMT-305	Functional And Structural Human Anatomy	4
1 Gen Ed		3
		Term Hours 16

Third Year

Term 1		
PEMT-231	Individual Dual Sports	3
PEMT-307	Assessment In Physical Education	3
PEMT-309	Sport Exercise Psychology	3
EDFN-305	Philosophical And Historical Foundations Of Public Education	3
EDFN-306	Education And Individual Differences	3
1 Gen Ed		3
		Term Hours 18

Term 2		
PEMT-203	Fitness Education	3
PEMT-276	Team Sports	3
PEMT-302	Kinesiology	3
PEMT-343	Foundations Of Physical Education For Elementary Schools	3
EDFN-307	Psychology Of Instruction And Learning	3
BLBC-341	Methods of Teaching in Bilingual Classrooms	3
		Term Hours 18

Fourth Year

Term 1		
PEMT-300	Adventure Education Programming	3
PEMT-303	Adapted Physical Education And Recreation	3
PEMT-306	Exercise Physiology	3
PEMT-308	Motor Skill Behavior	3
SCED-311	Writing Intensive Program: School Curriculum	3
LTCY-301	Teaching Literacy In Junior Senior High Schools	3
		Term Hours 18

Term 2		
PEMT-311	Introduction To The Theory And Methodology Of Coaching	3

PEMT-341	Physical Education Curriculum Design	3
PEMT-344	Foundations Of Physical Education For Secondary Middle Schools	3
<hr/>		
	Term Hours	9
Fifth Year		
Term 1		
SCED-305P	Secondary Student Teaching And Seminar In Physical Education	9
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	Term Hours	9
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Total Hours:		132-135

Major in Community Health

Major in Community Health for the Bachelor of Science Degree

The Community Health degree prepares students for careers in community health education and programming, public health policy, health-related research, or healthcare administration in a variety of government, non-profit, healthcare-service, and industry settings. Graduates use their knowledge and skills to focus on how best to reach vulnerable community members and to better allocate resources to under-served populations. They may initiate wellness programs, write policies, implement educational activities, or create resources to promote healthy living. Examples of job titles might include, but are not limited to, healthcare administrator, health educator, or community health worker. The degree is also a launching pad for a graduate education in a number of health-related fields.

Community students complete an internship. The internship is comprised of a semester-long fieldwork experience and a weekly seminar with assignments. Beginning Fall 2014 new Community Health students complete 200 clock hours of work (typically unpaid) in a community health related agency. Community Health students must be admitted to the College of Education to start the internship. Moreover, it is highly recommended that Community Health students gain admission to the College of Education early in the program, as some courses require admittance to the College of Education.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Community Health for the Bachelor of Science degree

Community Health General Education Requirements

Fine Arts - 6cr.	6
Electives	
Humanities - 9cr.	9

Choose one (1) of the following

ENGL-201	The World Of Poetry	
or ENGL-202	The World Of Drama	
or ENGL-203	The World Of Fiction	
Electives, 6cr.		
Behavioral Sciences - 12 cr.		12
PSYC-110	Life Span Development	
ANTH-212	Introduction To Cultural Anthropology	
SOC-100	Introduction To Sociology	
Choose one (1) of the following:		
PSCI-216	American National Government	
or HIST-214	United States History 1607-1877	
or HIST-215	United States History 1877-Present	
or ECON-215	Principles Of Macroeconomics	
or ECON-217	Principles Of Microeconomics	
Natural Sciences - 9cr.		9
BIO-100	Introduction To Biology	
BIO-104	The Changing Natural Environment	
CHEM-103	Chemistry And Society	
Math/Quantitative Reasoning - 3cr.		3
MATH-112	Statistics In Daily Life	
Other Requirements		
ENGL-101	Writing I	3
ENGL-102	Writing II	3
Elective - Choose one (1)		3
CMTC-202	Voice and Diction	
CMTC-101	Public Speaking	
Total Hours		48

Community Health Required Courses

Major Core Courses

HLED-103	Community Health	3
HLED-212	Consumer Health	3
HLED-303	Sex Education	3
HLED-307	Human Diseases	3
HLED-309	Nutrition And Health	3
HLED-312	Current Health Concepts	3
HLED-314	Principles Of Epidemiology In Higher Education	3
HLED-316	Health Disparities: Individual, Communities, And Systems	3
HLED-345	Drug Education	3
PEMT-305	Functional And Structural Human Anatomy	4
PEMT-316	Writing Intensive Program:Writing In Health, Physical Education, Recreation & Athletic Professions	3

Program Electives

Choose two (2) from the following:

HLED-199	Health & Wellness Of The Emerging Adolescent Student	
HLED-305	Health Education For The Middle And High School	
HLED-317	Age, Death, And Dying	
PEMT-306	Exercise Physiology	

Professional Preparation Level 1

HLED-355	The Organization And Administration Of The School Health Program	3
HLED-340	Health Behavior Theory And Practice	3

Professional Preparation Level 2

HLED-350	Health Program Needs Assessment, Planning, And Implementation	3
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Professional Preparation Level 3

HLED-360	Health Program Administration, Marketing, And Evaluation	3
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HLED-370	Field Experience: Community Health	9
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Cognate Level Courses		9
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Choose three (3) from the following:

AFAM-200	Introduction To African And African American Studies	
ECON-336	Health Economics	
EDFN-306	Education And Individual Differences	
HRD-300	Principles And Practices In Human Resource Development	
LLAS-101	Introduction To Latino & Latin American Studies	
PHIL-214	Medical Ethics	
SOC-302	Sociology Of Aging	
SOC-312	Sociology Of Health And Illness	
SOC-329	Sociology Of Violence	
SOC-340	Sociology Of Sexualities	
SOC-347	Sociology Of Media	
SOC-352	Sociology Of HIV/AIDS	
PSYC-324	Geropsychology	
SWK-200	Introduction To Social Work	
WGS-210	Introduction To Lesbian, Gay, Bisexual, Transgender & Queer Studies	

Total Hours		70
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This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
MATH-112	Statistics In Daily Life	3
ENGL-101	Writing I	3
BIO-100	Introduction To Biology	3
1 Fine Arts Course		3
1 Behavioral/Social Science Course		3
	Term Hours	15
Term 2		
ENGL-102	Writing II	3
CMTC-101 or 202	Public Speaking	3
BIO-104	The Changing Natural Environment	3
1 Fine Arts Course		3
1 Humanities Course		3
	Term Hours	15
Second Year		
Term 1		
ENGL-201, 202, or 203	The World Of Poetry	3
CHEM-103	Chemistry And Society	3
HLED-103	Community Health	3
HLED-212	Consumer Health	3
1 Behavioral/Social Science Course		3
	Term Hours	15
Term 2		
PEMT-305	Functional And Structural Human Anatomy	4
2 Behavioral/Social Science Courses		6
1 Humanities Course		3
1 HLED Elective Course		3
	Term Hours	16

Third Year

Term 1		
HLED-309	Nutrition And Health	3
HLED-314	Principles Of Epidemiology In Higher Education	3
HLED-345	Drug Education	3
1 Behavioral/Social Science Course		3
1 HLED Elective Course		3
		<hr/>
		Term Hours 15

Term 2		
HLED-303	Sex Education	3
HLED-307	Human Diseases	3
HLED-340	Health Behavior Theory And Practice	3
1 Behavioral/Social Science Course		3
1 Cognate List Elective Course		3
		<hr/>
		Term Hours 15

Fourth Year

Term 1		
HLED-355	The Organization And Administration Of The School Health Program	3
HLED-312	Current Health Concepts	3
HLED-350	Health Program Needs Assessment, Planning, And Implementation	3
PEMT-316	Writing Intensive Program:Writing In Health, Physical Education, Recreation Athletic Professions	3
1 Cognate List Elective Courses		3
		<hr/>
		Term Hours 15

Term 2		
HLED-316	Health Disparities: Individual, Communities, And Systems	3
HLED-360	Health Program Administration, Marketing, And Evaluation	3
HLED-370	Field Experience: Community Health	9
		<hr/>
		Term Hours 15
		<hr/>
		Total Hours: 121

Major in Secondary Education - Health

Major in Secondary Education – Health for the Bachelor of Arts Degree

The Secondary Education - Health degree prepares students for health education teaching positions in secondary schools (grades 6-12). Health education teachers significantly contribute to the health and well-being of school-aged children both in the classroom and as school health leaders. Students completing the Secondary Education – Health degree and graduating from Northeastern Illinois University are entitled to the Illinois Professional Education License endorsed in Health Education.

Secondary Education – Health students complete a Clinical Experience and a Student Teaching Experience. Both experiences are a semester-long and include a weekly seminar. Students must be admitted to the College of Education early in the program, as some courses require admittance to the College of Education.

Exit Requirements for Secondary Education - Health Degree Completion

Successful completion of all College of Education and HPERA Department program requirements, with the exception of a passing scores on the edTPA assessment. (<http://neiu.edu/academics/college-of-education/edtpa>)

Exit Requirements For Secondary Education Health Program Completion / Entitlement

Successful completion of all College of Education and HPERA Department program requirements, with evidence of a passing score on the edTPA assessment.

Note about APT: Currently, the ISBE requires licensure candidates to pass the APT exam. This regulation is in the process of being changed. Please check with your advisor or the department chair about the status of the APT exam.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Secondary Education - Health General Education Requirements

Fine Arts - 6cr.		6
Electives		
Humanities - 9cr.		9
Choose one (1) of the following		
ENGL-201	The World Of Poetry	
or ENGL-202	The World Of Drama	
or ENGL-203	The World Of Fiction	
Electives, 6cr.		
Behavioral Sciences - 12 cr.		12
PSYC-110	Life Span Development	
ANTH-212	Introduction To Cultural Anthropology	
SOC-100	Introduction To Sociology	
Choose one (1) from the following:		
PSCI-216	American National Government	
or HIST-214	United States History 1607-1877	
or HIST-215	United States History 1877-Present	
or ECON-215	Principles Of Macroeconomics	
or ECON-217	Principles Of Microeconomics	
Natural Sciences - 9cr.		9
BIO-100	Introduction To Biology	
BIO-104	The Changing Natural Environment	
CHEM-103	Chemistry And Society	
Math/Quantitative Reasoning - 3cr.		3
MATH-112	Statistics In Daily Life	
Other Requirements		6
ENGL-101	Writing I	
ENGL-102	Writing II	
Choose one (1) from the following:		3
CMTC-202	Voice and Diction	
CMTC-101	Public Speaking	
Total Hours		48

Secondary Education - Health Required Courses

Major Core Courses		
HLED-212	Consumer Health	3
HLED-303	Sex Education	3
HLED-309	Nutrition And Health	3
HLED-345	Drug Education	3
PEMT-305	Functional And Structural Human Anatomy	4
Program Electives		9
Choose three (3)		
HLED-103	Community Health	
HLED-199	Health & Wellness Of The Emerging Adolescent Student	
HLED-314	Principles Of Epidemiology In Higher Education	
HLED-317	Age, Death, And Dying	
PEMT-306	Exercise Physiology	
PEMT-316	Writing Intensive Program:Writing In Health, Physical Education, Recreation & Athletic Professions	
EDFN-342	Teaching With Technology	
Professional Preparation Level 1		
BLBC-340	Teaching English Learners In Diverse Classrooms	3
EDFN-305	Philosophical And Historical Foundations Of Public Education	3

EDFN-306	Education And Individual Differences	3
EDFN-307	Psychology Of Instruction And Learning	3
EDFN-308	Teaching And Learning	1.5
EDFN-313	Problems, Issues And Practices In Education	3
HLED-355	The Organization And Administration Of The School Health Program	3
HLED-340	Health Behavior Theory And Practice	3
LTCY-301	Teaching Literacy In Junior & Senior High Schools	3
SPED-317	Inclusive Teaching Strategies	1.5
SCED-311	Writing Intensive Program: School Curriculum	3
Professional Preparation Level 2		
HLED-305	Health Education For The Middle And High School	3
HLED-375	Health Education Clinical Experience	3
Professional Preparation Level 3		
SCED-305K	Secondary Student Teaching And Seminar - Health Education	9
Total Hours		70

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

		Hours
Term 1		
MATH-112	Statistics In Daily Life	3
ENGL-101	Writing I	3
BIO-100	Introduction To Biology	3
1 Fine Arts Course		3
1 Behavioral Science Course (HIST-214/215 or PSCI-216)		3
Term Hours		15
Term 2		
ENGL-102	Writing II	3
SOC-100	Introduction To Sociology	3
BIO-104	The Changing Natural Environment	3
1 Fine Arts Course		3
1 Humanities Elective		3
Term Hours		15
Second Year		
Term 1		
ENGL-201, 202, or 203	The World Of Poetry	3
PEMT-305	Functional And Structural Human Anatomy	4
CMTC-101 or 202	Public Speaking	3
HLED-212 or 303	Consumer Health	3
Term Hours		13
Term 2		
EDFN-305	Philosophical And Historical Foundations Of Public Education	3
EDFN-306	Education And Individual Differences	3
CHEM-103	Chemistry And Society	3
HLED-303 or 212	Sex Education	3
HLED-309	Nutrition And Health	3
Term Hours		15
Third Year		
Term 1		
ANTH-212	Introduction To Cultural Anthropology	3
EDFN-307	Psychology Of Instruction And Learning	3
HLED-345	Drug Education	3

1 HLED Elective		3
1 Humanities Elective		3
		Term Hours
		15
Term 2		
LTCY-301	Teaching Literacy In Junior Senior High Schools	3
HLED-355	The Organization And Administration Of The School Health Program	3
HLED-307	Human Diseases	3
SCED-311	Writing Intensive Program: School Curriculum	3
		Term Hours
		12
Fourth Year		
Term 1		
HLED-305	Health Education For The Middle And High School	3
BLBC-340	Teaching English Learners In Diverse Classrooms	3
EDFN-313	Problems, Issues And Practices In Education	3
HLED-375	Health Education Clinical Experience	3
1 HLED Elective		3
		Term Hours
		15
Term 2		
HLED-202	Safety Education	3
EDFN-308	Teaching And Learning	1.5
SPED-317	Inclusive Teaching Strategies	1.5
PSYC-110	Life Span Development	3
1 HLED Elective		3
		Term Hours
		12
Fifth Year		
Term 1		
SCED-305K	Secondary Student Teaching And Seminar - Health Education	9
		Term Hours
		9
		Total Hours:
		121

Master of Science in Exercise Science

The mission of the Exercise Science program is to provide optimal education in the sciences of Human Performance and Preventive Health through excellence in teaching, research, and service. The M.S. in Exercise Science is a viable option for professionals who are currently active in the health, wellness, and fitness-related professions who wish to become more effective in their career by gaining greater scientific insight into current health, fitness, and performance-related issues on concern to their students, athletes, patients, and clients.

The M.S. in Exercise Science degree provides training in the various disciplines on the Exercise Sciences. Ten required courses for 30 credits provide the core of the degree. The remaining 6 credits can be taken either as a 6-credit thesis, a 3-credit internship plus 1 elective course, or as 2 elective courses.

Admission Requirements

NOTE: Applications for this program are accepted for FALL SEMESTER admission only.

1. Students must have a degree from an accredited undergraduate institution. Students must fulfill requirements for admission to the Graduate College at NEIU.
2. Students must have a grade of B or better in: biology, chemistry, human anatomy, psychology, and exercise physiology.
3. Two letters of recommendation.
4. Please see: <http://www.applyweb.com/public/account?/neiu> for applications.

Check with the program advisor for the most current curriculum guidelines as the program is undergoing revisions.

Required Courses

EXSC-444	Cellular Physiology Of Exercise	3
EXSC-445	Cardiovascular & Respiratory Physiology Of Exercise	3
EXSC-403	Introductory Research Methods And Statistical Analysis	3
EXSC-404	Exercise Testing And Prescription	3
EXSC-405	Applied Nutrition	3
EXSC-414	Program Development And Management In Health Promotion	3
EXSC-415	Exercise Management In Chronic Diseases And Disabilities	3
EXSC-419	Psychology Of Exercise & Health Behaviors	3

Elective Courses

EXSC-421	Motor Control And Learning	3
EXSC-416	Practices In Cardiac Rehabilitation	3
EXSC-425	Exercise And Environmental Physiology	3
EXSC-426	Growth, Maturation, And Performance	3
EXSC-430	Internship	3
EXSC-431	Independent Study/Research	3
EXSC-432	Thesis Research	6
EXSC-433	Performance-Related Injury Management	3
EXSC-434	Physiology Of Aging And Physical Activity	3
EXSC-435	Theory & Methodology Of Coaching	3

or other courses as approved by the EXSC advisor.

Culminating Requirements for the Degree

Thesis Option Students

In addition to satisfactorily completing the required concentration-specific coursework, thesis option students will be required to satisfactorily prepare a written presentation of their thesis research, and orally present and defend their thesis research prior to earning the degree.

Non-Thesis Option Students

In addition to satisfactorily completing the required concentration-specific coursework, non-thesis option students are required to satisfactorily complete written comprehensive examinations over critical areas of their coursework prior to earning the degree.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
EXSC-444	Cellular Physiology Of Exercise	3
EXSC-445	Cardiovascular Respiratory Physiology Of Exercise	3
EXSC-403	Introductory Research Methods And Statistical Analysis	3
Term Hours		9

Term 2		
EXSC-404	Exercise Testing And Prescription	3
EXSC-405	Applied Nutrition	3
EXSC-414	Program Development And Management In Health Promotion	3
Term Hours		9

Second Year

Term 1		
EXSC-415	Exercise Management In Chronic Diseases And Disabilities	3
EXSC-419	Psychology Of Exercise Health Behaviors	3
Elective EXSC course		3
Term Hours		9

Term 2		
Three Elective EXSC courses		9
Or		
One Elective EXSC course and Thesis		
Term Hours		9
Total Hours:		36

Minor in Health Education

Minor in Health Education

The Health Education Minor is 18 hours and it prepares students to meet state requirements for the middle school endorsement in health education. Of the 18 hours, 9 hours must be at the 300 level and grades must be C or better. Students seeking to meet state requirements for the high school endorsement in health education may continue their coursework beyond the minor. To earn a high school endorsement, students must complete 24 hours of coursework. Of these 24 hours, 12 hours must be at the upper division level, grades must be C or better, and the ILTS content-area test (Health #142) must be passed.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Required for the minor in Health Education

Required Courses

School Health Education

Students must complete five (5) required courses - 15cr.

HLED-305	Health Education For The Middle And High School	3
HLED-355	The Organization And Administration Of The School Health Program	3
Personal Health		
HLED-303	Sex Education	3
HLED-309	Nutrition And Health	3
HLED-345	Drug Education	3

Electives

Student must complete 3 credit hours of electives from at least one other health-related content area: 3

Family and Interpersonal Relationships

HLED-199	Health & Wellness Of The Emerging Adolescent Student
HLED-317	Age, Death, And Dying
PSYC-110	Life Span Development

Community Health and Disease Prevention

HLED-103	Community Health
HLED-307	Human Diseases
HLED-316	Health Disparities: Individual, Communities, And Systems
HLED-340	Health Behavior Theory And Practice

Health Related Skills

HLED-101	Cardiopulmonary Resuscitation And First Aid
HLED-111	Cardiopulmonary Resuscitation
HLED-206	Standard First Aid Instructor
HLED-212	Consumer Health

Total Hours

18

Minor in Physical Education

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Physical Education (30-31 credit hours)

Required Courses

PEMT-151	Fundamentals Of Rhythms	3
PEMT-276	Team Sports	3
PEMT-201	Introduction To Principles And Methods In Physical Education	3
PEMT-307	Assessment In Physical Education	3
PEMT-308	Motor Skill Behavior	3
PEMT-303	Adapted Physical Education And Recreation	3
PEMT-305	Functional And Structural Human Anatomy	4
Select one of the following:		2-3
HLED-107	Health For Effective Living	
PEMT-205	Nutrition, Weight Control And Exercise	
PEMT-361	Aerobics And Cardiovascular Fitness	
PEMT-231	Individual & Dual Sports	3
or PEMT-203	Fitness Education	
PEMT-302	Kinesiology ¹	3

2 *Minor in Physical Education*

or PE305	Exercise Physiology	
Total Hours		30-31

¹ PE305 is a prerequisite for these courses.

Human Resource Development

Programs in Human Resource Development

The Human Resource Development (HRD) (<http://www.neiu.edu/academics/college-of-education/departments/literacy-leadership-and-development>) Program offers courses of study leading to both undergraduate and graduate degrees in Human Resource Development, as well as to a minor in Human Resource Development, to prepare professionals who will be responsible for the training, education, and development of adults, in settings such as business, industry, health care, social service, and government. Students in the program will be provided opportunities to develop the knowledge and competencies necessary to meet the increasing needs that organizations have for HRD professionals. Competencies that have been identified by professional organizations have been carefully considered in the development of specific objectives for the course work in the program.

- Major in Human Resource Development (<http://catalog.neiu.edu/archive/2016-2017/education/human-resource-development/human-resource-development>)
- Minor in Human Resource Development (<http://catalog.neiu.edu/archive/2016-2017/education/human-resource-development/minor-human-resource-development>)
- Master of Arts in Human Resource Development (<http://catalog.neiu.edu/archive/2016-2017/education/human-resource-development/master-arts-human-resource-development>)

Howard Bultinck, Ph.D., Professor, Chair

Sandra L. Williams, Ph.D., Associate Professor

HRD-202. Career And Life Planning I. 3 Hours.

Designed to help students develop a greater understanding of themselves and to identify a satisfying career field that matches their talents and abilities. Students will identify their values, analyze their skills, discover their likes and dislikes and focus on their interests as they relate to possible career choices. A long range plan will be developed and a supportive resume describing capabilities and experience will be prepared.

HRD-300. Principles And Practices In Human Resource Development. 3 Hours.

Course enables students to explore their aptitudes and interests in relation to the roles of educators in non-school settings and to familiarize themselves with the overall purposes of organizations and the role of educators within such organizations.

HRD-301. Adult Teaching/Learning Process. 3 Hours.

Students study the principles of adult learning and instruction and the range and types of desired educational outcomes related to the characteristics of adult learners. Required: HRD-300 or can be taken at the same time as HRD-300; Completion of a Minimum of 45 College-Level Semester Hours.

Prerequisite: HRD-300 minimum grade of C.

HRD-310. Instructional Techniques And Technology. 3 Hours.

Students apply a systematic approach to the development of instructional materials using the principles of instructional design. Topics covered include needs assessment, task analysis, objective preparation, design documents, material development, and evaluation.

Prerequisites: HRD-300 minimum grade of C and HRD-301 minimum grade of C and College of Education Admission YES.

HRD-313. Political Savvy In The Workplace. 3 Hours.

This course will explore the concept of political savvy in the workplace as it relates to one's career success and development as well as for others whom the HRD professional might coach. Topics include: how political savvy is defined, the political nature of the workplace, power and the importance of leveraging one's power, personal influence, and the development of a political game plan.

HRD-313B. Program Development In Human Resource Development. 3 Hours.

This course will explore the range and types of desired outcomes related to planning programs for adult learners. Not designed or written as an instructional design course, this course looks at the barriers that impede discourages adults in pursuing educational goals and provides various way to enhance opportunities for the adult learning population.

Prerequisite: College of Education Admission YES.

HRD-315. Computer Utilization In Human Resource Development. 3 Hours.

Students in this course will be introduced to the use of computers for instructional purposes. Course will focus on design, storyboarding, logic and authoring software. Students will develop computer-based training programs.

Prerequisites: HRD-300 minimum grade of C and HRD-301 minimum grade of C and HRD-310 minimum grade of C and College of Education Admission YES.

HRD-320. Dynamics Of Working With Groups And Individuals. 3 Hours.

Students explore effective interpersonal and group behavior in organizations. Emphasis is placed on understanding the importance of such behaviors. Completion of a minimum of 45 college-level semester hours required.

HRD-321. Designing Instruction In Human Resource Development. 3 Hours.

Students apply major principles relating to the design and presentation of training/education programs for adults. Students demonstrate and improve their level of competency on major course tasks. Recommended: HRD-315 or may be taken concurrently.

Prerequisites: HRD-310 minimum grade of C and HRD-315 minimum grade of C and HRD-320 minimum grade of C and College of Education Admission YES.

HRD-323. Independent Study In Human Resource Development. 3 Hours.

In-depth study of special areas in human resource development.

Prerequisites: (HRD-310 minimum grade of C or HR-310 minimum grade of C) and College of Education Admission YES.

HRD-325. Writing Intensive Program:Communication In Human Resource Development. 3 Hours.

This course explores the role of oral and written communication skills in the human resource development field. The student will practice the following: impromptu, informational, and persuasive oral presentations; and interviewing, questioning, organizing, researching, and active listening skills.

Additionally, the student will demonstrate competence with the following writing tasks: preparing a meeting agenda, project proposal manuscript with recommendations, an e-mail message, an elevator speech, a claims adjustment request, bad news memorandum, and decline of a request. Professionalism; appropriate non-verbal messages; and accurate and effective organization, flow, and mechanics as appropriate for the context, content, and audience are emphasized.

Prerequisites: HRD-300 minimum grade of C and College of Education Admission YES and ENGL-101 minimum grade of C.

HRD-329. Internship And Seminar In Human Resource Development. 9 Hours.

The internship and seminar will be the culminating activity for the Human Resource Development major. Internship will be in health care settings, business and industry, community, state and federal agencies, rehabilitation and recreation centers and professional associations. The purpose will be to synthesize what the student has learned in the classroom with practice in the field. Permission from the HRD Advisor or Program Coordinator required.

Prerequisites: College of Education Admission YES and HRD-300 minimum grade of C and HRD-301 minimum grade of C and HRD-310 minimum grade of C and HRD-315 minimum grade of C and HRD-320 minimum grade of C and HRD-321 minimum grade of C and HRD-325 minimum grade of C.

HRD-362. Instructional Media In Human Resource Development. 3 Hours.

The purpose of the course is to provide the student with a practical, hands-on approach to selecting and utilizing instructional media, consistent with theories and practices in instructional technology. The emphasis will be placed upon the tools (i.e., equipment and materials) which an instructional designer has available for the production of instructional materials. Students will learn how to operate equipment and will produce instructional materials for media programs.

Prerequisites: (HRD-301 minimum grade of C or HR-301 minimum grade of C or HRD-401 minimum grade of C or HR-401 minimum grade of C) and College of Education Admission YES.

HRD-390. Computer-Based Training. 3 Hours.

Systematic approach to the design and use of computer-based and interactive video instructional materials. Course includes courseware development, implementation, training techniques, documentation and state-of-the-art technology.

Prerequisites: HRD-300 minimum grade of C and HRD-301 minimum grade of C and HRD-310 minimum grade of C and HRD-315 minimum grade of C and College of Education Admission YES.

HRD-400. Hrd And The Organization. 3 Hours.

Study of the role of HRD in relation to the needs, purposes, structures and processes of organizations in order to maximize the effectiveness and value of HRD to the organization.

HRD-401. The Adult Learner I. 3 Hours.

An analysis of adult learning theory and research in relation to practice in the field of training and human resource development, including study of how adults acquire and use knowledge, skills and attitudes. Application of theory in varied adult learning situations will be emphasized.

Prerequisite: HRD-400 minimum grade of C or HR-400 minimum grade of C.

HRD-402. Adult Learner II. 3 Hours.

In-depth focus on individual difference characteristics of adults that affect learning. Consideration of such characteristics as motivation, learning styles, perception of self on other, culture, experiential background, memory/information processing, attribution, cognitive structures and metacognition. Research paper required that includes application to HRD field.

Prerequisite: HRD-401 minimum grade of D or HR-401 minimum grade of D.

HRD-403. Presentation And Facilitation Strategies For Hrd. 3 Hours.

Course is designed to provide students with both the theoretical and the application skills for presenting and facilitating instructional programs for both groups and individuals. Topics will include preparing for a presentation, audience analysis, use and design of visual aids, feedback, techniques for group facilitation and dealing with difficult participants. The course will also deal with strategies for presenting recommendations for implementing and evaluating HRD programs.

Prerequisite: HRD-400 minimum grade of C or HR-400 minimum grade of C.

HRD-405. Needs And Task Analysis In Hrd. 3 Hours.

Defining gaps between desired and actual performance and specifying the cause of the gaps. Identifying and analyzing tasks and job content for the purpose of developing training designed to accomplish specific results in a job or organization. The design, development and application of techniques and instruments to use in obtaining information on needs and tasks.

Prerequisite: HRD-400 minimum grade of C or HR-400 minimum grade of C.

HRD-406. Instructional Design In Hrd I. 3 Hours.

The process of preparing objectives, defining content, selecting and sequencing learning activities for specific training/ education/ development programs. Includes selection of methodology, including use of media and computer technology, critique and redesign of off-the-shelf materials and evaluation.

Prerequisite: HRD-401 minimum grade of C or HR-401 minimum grade of C.

HRD-407. Measurement And Evaluation In Hrd. 3 Hours.

Determining the effectiveness of HRD learning programs and services. Making decisions on how, what and when to measure and what standards to use in evaluation. The design, development and application of techniques and instruments to use in obtaining measurement data. Cost/benefit analysis of the impact of HRD on the organization.

Prerequisite: HRD-406 minimum grade of C or HR-406 minimum grade of C.

HRD-408. Instructional Design In Human Resource Development II. 3 Hours.

In this course, students study advanced instructional design techniques as they go through the process of assessing needs, designing and developing instruction and developing both an assessment and an implementation plan for their training. Students develop an instructional program designed to meet client needs, giving them an opportunity to apply theories learned in earlier courses, as well as acquainting them with additional instructional strategies to developing an expanded instructional program.

Prerequisites: (HRD-406 minimum grade of D or HR-406 minimum grade of D) and (HRD-407 minimum grade of D or HR-407 minimum grade of D) and (HRD-490 minimum grade of D or HR-490 minimum grade of D or HRD-462 minimum grade of D).

HRD-409. Television Production In Human Resource Development. 3 Hours.

This course will explore techniques of television production and utilization as they apply to the field of human resource development. Students will learn the principles of camera operation, lighting, composition, video and audio recording, video editing, field production, directing and scripting. The approach will be hands-on; students will write and produce video training materials using instructional design principles.

Prerequisites: (HRD-362 minimum grade of C or HR-362 minimum grade of C) and (HRD-406 minimum grade of C or HR-406 minimum grade of C).

HRD-410. Administration Of Hrd Programs. 3 Hours.

Development and monitoring of Human Resource Development programs that are consistent with the organization's present and future needs. Preparation of long-range plans for the HRD function in an organization and articulation of viewpoints and services to management. Study of how successful HRD practices work in selected organizations.

Prerequisite: HRD-405 minimum grade of C or HR-405 minimum grade of C.

HRD-411. Consulting In Human Resource Development. 3 Hours.

This course examines the roles of both internal and external consultants within an organization as they analyze both training and non-training interventions to improve performance. Students work with case studies to examine various aspects of the consulting process. Topics covered include client-consultant relationships, diagnosing organizational situations, developing contracts, marketing your services, etc.

Prerequisites: (HRD-407 minimum grade of C or HR-407 minimum grade of C) and (HRD-406 minimum grade of C or HR-406 minimum grade of C).

HRD-412. Project Management In Human Resource Development. 3 Hours.

Study of the principles of project management as they relate to the development of HRD programs. Application of the principles to HRD projects that are both in the planning state and in progress will be emphasized.

Prerequisite: HRD-405 minimum grade of C or HR-405 minimum grade of C.

HRD-413. Independent Study In Human Resource Development. 3 Hours.

In-depth study of special areas in human resource development.

HRD-415. Seminar In Hrd. 3 Hours.

The seminar will be taken concurrently with Practicum in Human Resource development I. The objective is to synthesize what has been learned in the classes and apply this learning to on-site problems for which the students are asked to develop training solutions.

Prerequisites: (HRD-401 minimum grade of C or HR-401 minimum grade of C) and (HRD-400 minimum grade of C or HR-400 minimum grade of C) and (HRD-403 minimum grade of C or HR-403 minimum grade of C) and (HRD-405 minimum grade of C or HR-405 minimum grade of C) and (HRD-406 minimum grade of C or HR-406 minimum grade of C) and (HRD-407 minimum grade of C or HR-407 minimum grade of C).

HRD-416. Practicum In Hrd I. 3 Hours.

Students will do a supervised practicum either in the organization in which they are presently working or in an appropriate site approved by program faculty. While participating in the practicum, the students will be involved in a specified sequence of HRD activities that will include participation in the design and presentation of a training program.

Prerequisites: (HRD-401 minimum grade of C or HR-401 minimum grade of C) and (HRD-403 minimum grade of C or HR-403 minimum grade of C) and (HRD-405 minimum grade of C or HR-405 minimum grade of C) and (HRD-406 minimum grade of C or HR-406 minimum grade of C) and (HRD-407 minimum grade of C or HR-407 minimum grade of C).

HRD-417. Practicum In Hrd II. 3 Hours.

See description of Practicum in HRD I. Students have the option of taking additional practicum hours if the field setting provides an opportunity to design and present a training program that is more involved and will require an extended time commitment. Practicum in HRD I and Practicum in HRD II can be taken during the same term if it can be clearly established that the student will have time for an extended commitment.

Prerequisites: (HRD-401 minimum grade of C or HR-401 minimum grade of C) and (HRD-400 minimum grade of C or HR-400 minimum grade of C) and (HRD-403 minimum grade of C or HR-403 minimum grade of C) and (HRD-405 minimum grade of C or HR-405 minimum grade of C) and (HRD-406 minimum grade of C or HR-406 minimum grade of C) and (HRD-407 minimum grade of C or HR-407 minimum grade of C).

HRD-418A. Topical Seminar: Strategic Planning In Human Resource Development. 3 Hours.

Study of principles of strategic planning as it relates to the HRD field. This course will explore various strategies that can be used to lead, facilitate, or teach others how to work through the strategic planning process. Application of the principles of strategic planning process will be emphasized.

HRD-418B. Topical Seminar: Human Performance Technology In Human Resource Development. 3 Hours.

Study of improving human performance in the workplace. This course will develop awareness about the complexity of this area including the role of the HRD practitioner as the performance consultant. A practical and theoretical foundation for following HTP methodology to solve human performance problems in the workplace will be explored.

HRD-418E. Topical Seminar In Global/Cultural Issues In Human Resource Development. 3 Hours.

This course will explore the importance and necessity of HRD practitioners understanding the importance of globalization and the increasing diversity of the work-place and work-force. The design and delivery of instruction and the analysis of the dynamics of organizations requires an understanding of learning and organizational development theory and will be examined through the lens of global and cultural awareness.

HRD-418F. Topical Seminar: Group Dynamics In Human Resource Development. 3 Hours.

This course will explore the principles of group dynamics as they affect individuals, groups, and team in organizations. This highly interactive course will explore group and team issues including: the nature of groups, group formation, development and socialization, structure, influence power, decision making, conflict, and additional issues.

HRD-419. Project In Human Resource Development. 3 Hours.

Students prepare a project that involves the application and/or extension of the knowledge and skills developed in the courses that they have completed. The project may be in the form of an instructional program or a paper on a specific aspect of Human Resource Development.

HRD-420. Thesis Seminar In Hrd. 3 Hours.

Guidance of students conducting research and writing a thesis to fulfill the requirements of the program, Master of Arts in Human Resource Development.

HRD-462. Instructional Strategies In Hrd. 3 Hours.

This course will explore various strategies that can be used to facilitate learning in a variety of situations. Strategies such as advance organizers, concept mapping, imagery, etc. will be studied in terms of their advantages, limitations and applications. The course will explore different types of learning, such as declarative knowledge, concepts, motor skills, etc. The different types of learning will be studied in terms of their characteristics and the implications those characteristics have for selecting and using instructional strategies.

HRD-490. Multimedia: Design And Application. 3 Hours.

This course presents an overview of varied aspects of multimedia as used in the HRD field. Course content blends theory and application as students learn the basic elements of instruction, interaction and the impact of technology on instruction. Students use an authoring program to design instruction which meets criteria for effective teaching/learning. Students will use multimedia as a vehicle for research and communication through e-mail and Internet access.

Prerequisite: HRD-404 minimum grade of C.

Major in Human Resource Development

Major in Human Resource Development for the Bachelor of Arts Degree

Upon completion of the major, students will demonstrate:

1. knowledge of different organizational settings in which training and learning occur;
2. knowledge of the training, educational and development needs of organizations;
3. skills in task analysis, program planning, and program design that are in keeping with organizational needs;
4. ability to apply principles of learning and motivation as a basis for decisions regarding instructional programs for adults;
5. sensitivity to the psychological and cultural needs of diverse populations needed for adaptation of training/educational planning; and
6. competency in the use of methods and technology appropriate for the instructional/learning needs of organizations.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Human Resource Development requirements

Required Courses

HRD-300	Principles And Practices In Human Resource Development	3
HRD-301	Adult Teaching/Learning Process	3
HRD-310	Instructional Techniques And Technology ¹	3
HRD-315	Computer Utilization In Human Resource Development ¹	3
HRD-320	Dynamics Of Working With Groups And Individuals	3
HRD-321	Designing Instruction In Human Resource Development ¹	3

HRD-325	Writing Intensive Program:Communication In Human Resource Development ¹	3
HRD-329	Internship And Seminar In Human Resource Development ¹	9
Human Resource Development Electives ²		6
Total Hours		36

¹ Requires admission to COE

² Each student, in consultation with the program coordinator and/or advisor, will select 6 additional credit hours of work. The selection of courses will be guided by the student's career objectives and will focus on competencies relevant to these objectives. The electives will amplify and extend the competencies developed in the core courses

Human Resource Development majors must be fully admitted to the College of Education prior to registering for more than 9 hours.

Additional Electives

Students with weaknesses in any area such as communication skills or career planning skills will be required to select electives with the goal of developing these skills.

Master of Arts in Human Resource Development

This Master's program prepares professionals who will be responsible for the training, education, and development of employee adults in organizations involved in business, health care, human services, and government. The program has been developed especially for those wishing to move into HRD field in a management or planning capacity, as well as for current practitioners desiring more formal training.

The program is designed to develop the ability to:

1. assess the nature of performance problems;
2. apply needs and task/content analysis techniques;
3. assess the relevant characteristics of learners/trainees;
4. design training, education, and instructional programs for adult learners/trainees;
5. determine the effectiveness of training/education/instructional programs;
6. communicate and interact effectively with groups and individuals;
7. consult with managers to address employee and organizational development needs;
8. manage human resource development projects and programs;
9. work effectively across an organization in order to plan, develop and implement performance improvement.

Requirements for Admission to the Program:

Applicants must fulfill the requirements for admission to the Graduate College, as follows;

1. B.A. degree from an accredited college or university (transcript required.)
2. A minimum grade point average of 2.75 (students not meeting GPA can apply for faculty review.)
3. Two letters of recommendation from professors, employers, or supervisors which provide evidence of an applicant's qualifications.

Individuals who fail to satisfy requirements under number 2 may be asked to complete undergraduate course work in Human Resource Development or other subjects prior to admission. The courses to be taken will be determined by the program advisor and will be based on a review of the individual's academic record and work experience.

Requirements for the Degree:

Required Courses

HRD-400	Hrd And The Organization	3
HRD-401	The Adult Learner I	3
HRD-403	Presentation And Facilitation Strategies For Hrd	3
HRD-405	Needs And Task Analysis In Hrd	3
HRD-406	Instructional Design In Hrd I	3
HRD-407	Measurement And Evaluation In Hrd	3
HRD-408	Instructional Design In Human Resource Development II	3
HRD-411	Consulting In Human Resource Development	3
HRD-415	Seminar In Hrd	3
HRD-416	Practicum In Hrd I	3
HRD-462 or HRD-490	Instructional Strategies In Hrd Multimedia: Design And Application	3
Select one of the following:		3
HRD-417	Practicum In Hrd II	
HRD-418A	Topical Seminar: Strategic Planning In Human Resource Development	
HRD-418B	Topical Seminar: Human Performance Technology In Human Resource Development	
HRD-418E	Topical Seminar In Global/Cultural Issues In Human Resource Development	
HRD-418F	Topical Seminar: Group Dynamics In Human Resource Development	

HRD-419	Project In Human Resource Development	
HRD-420	Thesis Seminar In Hrd	
Total Hours		36

NOTE: For all students in the program, the following will be required:

1. A total of 36 credit hours of study are required for completion of the Master's Degree program.
2. The successful completion of the Departmental Comprehensive Examination.

Thesis Option

The thesis option is available by invitation only. The invitation will be based on a consensus agreement of the program's faculty and the desire of the student to select the thesis option. Students doing a thesis will complete HRD-420 Thesis Seminar, for 3 credit hours.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your HRD program advisor. This is a sample which does not reflect all degree hours or requirements. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
HRD-400	Hrd And The Organization	3
HRD-401	The Adult Learner I	3
Term Hours		6
Term 2		
HRD-405	Needs And Task Analysis In Hrd	3
HRD-406	Instructional Design In Hrd I	3
Term Hours		6
Term 3		
HRD-403	Presentation And Facilitation Strategies For Hrd	3
Term Hours		3
Second Year		
Term 1		
HRD-407	Measurement And Evaluation In Hrd	3
HRD-411	Consulting In Human Resource Development	3
Term Hours		6
Term 2		
HRD-408	Instructional Design In Human Resource Development II	3
HRD-415	Seminar In Hrd	3
HRD-416	Practicum In Hrd I	3
Term Hours		9
Total Hours:		30

Minor in Human Resource Development

Minor in Human Resource Development (18 credit hours)

The Minor in Human Resource Development allows students to combine their interests in psychology, business, communications, social services, education, political science, interdisciplinary studies, or technical training with study in the field of Adult Training/Human Resource Development. The minor in Human Resource Development focuses on the development of skills important for practitioners in adult learning or employee training.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Minor in Human Resource Development requirements

Required Courses

HRD-300	Principles And Practices In Human Resource Development	3
HRD-301	Adult Teaching/Learning Process	3
HRD-310	Instructional Techniques And Technology	3
HRD-320	Dynamics Of Working With Groups And Individuals	3
Electives		6

The following courses may be selected as well as other courses with the approval of the Human Resource Development advisor.

HRD-315	Computer Utilization In Human Resource Development
HRD-321	Designing Instruction In Human Resource Development
HRD-325	Writing Intensive Program:Communication In Human Resource Development
HRD-390	Computer-Based Training ¹

HRD-362	Instructional Media In Human Resource Development ¹	
Total Hours		18

¹ Requires admission to COE

Literacy, Leadership and Development

The Department of Literacy, Leadership and Development offers:
Educational Leadership

- Master of Arts degree in Educational Leadership

Human Resource Development (<http://catalog.neiu.edu/archive/2016-2017/education/human-resource-development>)

- Bachelor and Master of Arts degree in Human Resource Development
- Undergraduate minor in Human Resource Development

Literacy Education (<http://catalog.neiu.edu/archive/2016-2017/education/literacy-education>)

- Master of Arts in Literacy Education
- Reading Teacher Endorsement
 - Elementary Level
 - Secondary Level

Our programs include a strong emphasis on reflection and skill development and the ability to effectively apply theory in professional settings. Our aim is to prepare students for strategic leadership in educational and corporate organizations, and to train effective leaders and change agents. The curriculum highlights an integrated and interdisciplinary skill-based focus on leadership and administrative development. The programs build a strong sense of community by understanding and celebrating the diversity of the people and communities served by our faculty, graduates and students. Our faculty and students are comprised of professionals with widely diverse interests, expertise and experience. We take great pride in our alumni who serve in schools, universities and businesses throughout the Chicago Metropolitan area.

Educational Leadership

- Master of Arts in Educational Leadership (<http://catalog.neiu.edu/archive/2016-2017/education/educational-leadership-development/master-arts-educational-leadership>)

Human Resource Development (<http://catalog.neiu.edu/archive/2016-2017/education/human-resource-development>)

- Master of Arts degree in Human Resource Development

Literacy Education (<http://catalog.neiu.edu/archive/2016-2017/education/literacy-education>)

- Master of Arts in Literacy Education

Howard J. Bultinck, Ph.D., Professor, Chair

Lynn Bush, Ph.D., Professor

Gabriel Cortez, Ph.D., Associate Professor

Ana Gil Garcia, Ed.D., Professor

Francisco X. Gaytan, Ph.D., Associate Professor

Terry Stirling, Ph.D., Professor

LEAD-333. School Law For Teachers. 3 Hours.

Provides K-12 teachers and prospective teachers with an understanding of the impact of the legal processes on schools. Attention is given to current issues and their implications for classroom teachers. Topics include: the legal system, sources and levels of law, contracts, tenure, records, collective bargaining, copyright, academic freedom, tort liability, student and teacher rights, discrimination and handicap issues.

LEAD-401. Instructional Leadership. 3 Hours.

An analysis of the basic determinants of curriculum PreK-12. Emphasis on significant psychological theories and development, learning and motivation for curricula development including impact of sociological, cultural, and ethnic factor. Special education programs are included. Methods are outlined for evaluating the effectiveness of curricula and programs. Roles and responsibilities of an instructional leader are highlighted as well as a focus on the improvement of instruction for school improvement and student achievement for all.

Prerequisites: LEAD-421 minimum grade of B and LEAD-424 minimum grade of B.

LEAD-413. Human Relations And Leadership. 3 Hours.

Study of basic concepts and principles of interpersonal relationships, communications, group interaction, and leadership and effectiveness. Emphasis on theory, application and skill development. Students will observe and assess interpersonal, group and organizational dynamics with attention to cultural factors and development of effective interaction and problem-solving skills.

LEAD-415. Historical And Philosophical Perspectives In Higher Education. 3 Hours.**LEAD-421. Educational Leadership And Organizational Studies. 3 Hours.**

This course is designed to introduce the student to the field of educational leadership and management. The purpose of the course is to assist future educational leadership professionals to understand the philosophical, historical and organizational underpinnings of educational leadership. It provides students with a theoretical framework on which to develop and implement sound practical applications and decisions in the educational leadership tasks of communicating, planning, organizing, supervising, leading and evaluating strategies designed to build up highly effective learning communities. Further, it prepares the student to pursue alternative routes to excellence by understanding current education's challenges and by choosing the most successful leadership, management, motivational and decision-making strategies for a constantly changing educational environment.

LEAD-422. The Principalship. 3 Hours.

The Principalship is an examination of PK-12 schools with an emphasis upon the transforming instructional leadership and school improvement roles of the principal to enhance student learning for all students. The course focus is on practical problem solving through working collaboratively and transformatively with staff through creating a vision of leadership and learning, developing a positive school culture, managing the school and interacting with the external school environment.

Prerequisites: LEAD-421 minimum grade of B and LEAD-424 minimum grade of B.

LEAD-424. Introduction To Evaluation Of Certified & Support Staff. 3 Hours.

An analysis of the components of supervisory behavior in education and their influence upon the participants in the process of supervision; human and technical skills in personnel management; organizational factors affecting the performance of the supervisor; problematic areas within educational institutions and their influence upon supervisory behavior. Practical aspects of program and personnel evaluation; improvement of school learning climate and academic achievement will be emphasized as they relate to school reform and both multicultural and exceptional populations.

LEAD-425. Advanced Techniques In The Supervision And Evaluation Of Professional Staff. 3 Hours.

The main focus of this course is to provide an in-depth analysis of advanced techniques in the supervision and evaluation of K-12 professional personnel. The course builds upon the concepts of LEAD-424 to develop effective and legally formative and summative evaluations. The evaluation functions of monitoring curriculum fidelity, directing personnel for improvement, making personnel decisions and working with incompetent personnel provide a framework for applying course content for k-12 settings.

LEAD-428A. Seminar In Educational Administration: Educational Decision-Making. 3 Hours.

The purpose of LEAD-428A is to provide an in-depth analysis of problems and issues associated with program evaluation and school improvement for school leaders.

Prerequisites: LEAD-421 minimum grade of C and LEAD-424 minimum grade of C.

LEAD-428B. Seminar In Educational Administration: Administrative Theory And Practical Application. 3 Hours.

The focus of this course is to explore the area of professional development as a vehicle for building capacity in your institution. As an educational leader you will be instrumental in designing or selecting opportunities for professional development as well as evaluating the success of those efforts.

Prerequisites: LEAD-424 minimum grade of C and LEAD-421 minimum grade of C.

LEAD-428F. Seminar In Educational Leadership In The Middle School. 3 Hours.

The purpose of this course is to provide an in-depth study of the theory, research and best practices to support contemporary issues in middle level leadership. The course will focus on developing and leading middle level education that meets the diverse needs of emerging adolescents through mission development, program improvement, curriculum assessment, improvement of teaching and learning, staff development and more.

Prerequisites: LEAD-421 minimum grade of C and LEAD-424 minimum grade of C.

LEAD-429. Research Design & Analysis Of Educational Data. 3 Hours.

This course develops administrative skills in research design including program statements, hypothesis formulation, population/sample collection, data collection, statistical analysis and interpretation. Quantitative and qualitative research designs will be examined as they relate to effective schools, improving student achievement and administrative research.

Prerequisites: LEAD-421 minimum grade of B and LEAD-424 minimum grade of B.

LEAD-430. Thesis Seminar. 3 Hours.

This course provides guidance in the preparation and submission of a master of arts thesis under the supervision of faculty. It will extend the student's knowledge of standard techniques in the collection and analysis of data and facilitate the development of skills in advanced research design for possible future study at the doctoral level.

LEAD-431. School & Community Relations. 3 Hours.

The purpose of this course is to provide a forum for the transfer of theory to practice in the area of school-community relations. Additionally a teacher-as-researcher model and community-based research pedagogy are required in order to assist prospective school leaders in investigating their local school communities and increase their leadership skills. Effective school-community relationships begin at home facilitated by skillful leaders who have effective communication, research, collaborative and problem solving skills. These skills form bonds between schools and the local and global communities.

LEAD-432. School Finance & Budgeting. 3 Hours.

The goal of the course is to enable a student to demonstrate an understanding of school finance and related issues and to apply that knowledge in hypothetical school leadership situations. The content includes local, state and federal revenue sources, the legal and political settings that influence school finance, budgeting processes, revenue and expenditure management, research on the relationship of expenditures to achievement, the characteristics of a financially healthy school district, the operation of support services and measures to protect school funds and property.

Prerequisites: LEAD-421 minimum grade of B and LEAD-424 minimum grade of B.

LEAD-433. School Law & Ethics. 3 Hours.

This course studies the legal and ethical issues as related to practical problems of school administration. Constitutional provisions and court decisions are examined as they impact education. Issues of ethics pertaining to legal tenets will be integrated throughout the semester.

Prerequisites: LEAD-421 minimum grade of B and LEAD-424 minimum grade of B.

LEAD-434. Internship I. 3 Hours.

The major purpose of the internship is to comply with Illinois PA 96-903 and to provide the student with a supervised experience in the roles and responsibilities associated with the principalship in Pre-K through grade 12 during the course of a year. Each student will participate in administrative activities related to instructional leadership and school management. The three internships, LEAD-434, LEAD-435 and LEAD-437, are defined as all the experiences that result from applying the strategic, instructional, organizational, and contextual leadership guidelines in a workplace. This course is the first internship experience.

Prerequisites: LEAD-421 minimum grade of B and LEAD-424 minimum grade of B.

LEAD-435. Internship II. 3 Hours.

The purpose of this internship is to continue the instructional leadership and school management Pre-K through grade 12 tasks and experiences as described in the school intern's contract and developed in LEAD-434. This is the second internship experience.

Prerequisites: LEAD-421 minimum grade of B and LEAD-424 minimum grade of B.

LEAD-436. Human Resources Administration In Education. 3 Hours.

This course provides a general understanding of the personnel functions in educational settings. Decision-making and problem-solving will be emphasized. The functions of planning, recruitment, selection, placement, induction, staff development, motivation, compensation, performance, appraisal, negotiations and dismissal are included.

Prerequisites: LEAD-421 minimum grade of B and LEAD-424 minimum grade of B.

LEAD-437. Internship III. 3 Hours.

The purpose of this internship is to continue the instructional leadership and school management Pre-K through grade 12 tasks and experiences as described in the school intern's contract and developed in LEAD-434, and LEAD-435. This is the third internship experience.

Prerequisites: LEAD-421 minimum grade of B and LEAD-424 minimum grade of B.

LEAD-438. Collective Negotiations. 3 Hours.

The development and establishment of collective bargaining within the educational enterprise: the public and private sectors; in elementary-secondary education and colleges and universities; historical, sociological and legal perspectives; some consideration and evaluations of various issues (including tactics and process) concepts and current problems.

LEAD-441. Independent Study In Educational Administration. 1 Hour.**LEAD-445. Practicum In School Business Management. 3 Hours.**

The purpose of the practicum is to provide the student with supervised experiences in the functions and duties of a school business official. The student is required to participate in activities related to finance, purchasing, planning and business management.

LEAD-447. Introduction To School Business Management. 3 Hours.

Provides a general understanding of the various task areas involved in the field of school business management including financial control, maintenance of buildings and grounds, maintenance of inventories, purchasing and bidding, transportation, insurance, personnel and office management, lunch programs and administrative relationships.

LEAD-448. School Business Management II. 3 Hours.

Incorporates principles of school fund accounting including a study of budgeting, personnel and payroll administration, auditing and reporting expenditures and receipts, assets and liability accounting, capital asset planning and management, cash management, bonded indebtedness, analysis of statements of position and extracurricular funds.

LEAD-470. Administrative Use Of The Microcomputer. 3 Hours.

An examination of the use of micro-computers in education administration and supervision. Topics include: Introduction to computers, overview of principles underlying computer-assisted instruction and computer-managed instruction, overview and use of available software, internal monitoring and program evaluation and elementary programming.

LEAD-480. The Community College. 3 Hours.

Provides the student with theoretical and practical knowledge about the philosophy, history, students, services, staff and organizational structure of the community college. National trends of the two year college will be analyzed.

LEAD-481. Community College Administration. 3 Hours.

Provides the student with practical knowledge about the day to day demands of administering the Community College. Stresses the importance of the Community College to the nation, state and local areas and how good administrators and administration can make a strong contribution to the proper and excellent performance of community colleges.

LEAD-490. Adult Learner. 3 Hours.

An examination of demographic changes fostering attention on adults as well as stages and phases of adult life and adult characteristics as a framework for effective planning, programming and marketing adult education.

LEAD-491. Foundations In Higher Education. 3 Hours.

This course provides students with knowledge of the historical development of higher education in the United States and its socio economic, political, legal and philosophical underpinnings. This course also provides students with an understanding of the structures and governance higher education in the U.S. Emphasis is given to current issues, opportunities and problems facing higher education and its stakeholders.

LEAD-492. Resources, Institutional Planning And Finance In Higher Education. 3 Hours.

This course prepares students to understand how institutions of higher education obtain and utilizes resources. It focuses on resource planning, policy development and implementation, and resource allocation. Topics include: institutional governance, research, marketing, budget development, financial allocation, environmental scans and oversight.

LEAD-493. The Law Of Higher Education. 3 Hours.

This course presents legal issues from the perspective of preventive law, policy development and implementation. Content includes the structure of the U.S. legal system, constitutional law, statute and case law. Topics include: affirmative action, employment law, intellectual property, due process, academic freedom, human-subjects research and collective negotiations.

LEAD-495. Practicum In Higher Education. 3 Hours.

This course consists of supervised experience in the functions and duties of leaders in higher education settings.

LEAD-496A. Seminar In Higher Education: The Non-Traditional Student. 3 Hours.

This course prepares the student to effectively meet the needs of the non-traditional students in higher education settings. Historical evolution and psychosocial factors impacting adult learners, development of student services, curriculum design issues and methods of building a sense of community among adult learners.

LEAD-496B. Seminar In Higher Education: The Problematic Pipeline - Latinos And Latinas In Higher Education. 3 Hours.

This course focuses on the contemporary Latino experience in the US educational system. It follows the growing numbers of Latinos with low high school completion rates and low levels of participation/completion in higher education. Emphasis is placed on the diversity of the experience by national origin, region of settlement, and gender as well as the histories of Latino immigration to the US compared to the receptions of other immigrants in history. Predominant theories of international immigration, relationships between the historical and contemporary context, immigration policy, and the adaptation of Latino immigrants in the United States are considered.

LEAD-496C. Seminar In Higher Education: Critical Policy Issues In Latino Higher Education. 3 Hours.

An analysis of the critical policy issues in Latino higher education as the US faces a growing increase in Latino college-enrollment (the largest minority), yet with low retention and a scarce presence in higher education discourse. Due to this increase, an exploration of ways to prepare postsecondary institutions for this and the role of more Latinos in the academy is explored. Including: the role of community colleges and four-year institutions in meeting this demand, understanding the historical processes and cultural differences of Latinos in the US, understanding various modes of thought, concerns and methodologies regarding Latino higher education.

LEAD-496D. Seminar In Higher Education: Current Global Issues & The Latino Community. 3 Hours.

This course provides an introduction to the cross-cultural, cross-national study of educational institutions and their relationship to society. This cross-national comparison of educational practices occurs in light of cultural, social organization, economic, political, and historical differences with a key goal being further development of understanding how perspectives on education in the United States have been shaped.

Master of Arts in Educational Leadership

Northeastern Illinois University offers the Master of Arts in Educational Leadership degree. Students may select one of two concentrations:

1. School Leadership (PreK-12);
2. Higher Education Leadership.

Program objectives for the concentrations have been designed to develop exemplary administrative leaders and to foster their continuing growth and effectiveness. Specifically, students in the School Leadership (PreK-12) concentration develop competencies related to effective leadership, educational management practices, and staff development at the school level. This concentration leads to The State of Illinois Principal Endorsement.

The Higher Education Leadership concentration provides knowledge and skills related to the history and development of colleges, universities, and community colleges, and to effective administrative practices at that level. It stresses an understanding of administrative and supervisory skills for the development and support of instructional systems at the collegiate level. Students in this concentration have the option of completing a thesis. Courses are taught in the evenings and Saturdays at the main campus, at El Centro, at Carruthers Center, at Lake County, and at a variety of locations in the Chicago metropolitan area through Distance Education and web-enhanced courses.

Requirements for Admission to the Program:

For students admitted to Master's Programs for the Fall 1997 semester and thereafter, all graduate credits must be at the 400 level. Consult with your program advisor or the Graduate College for details.

In addition to the requirements of the Graduate College for admission (<http://www.neiu.edu/academics/graduate-college>), students who wish to enroll in the Master's Degree Program in Educational Leadership must meet the following eligibility requirements:

ADMISSION PROCESS (SCHOOL LEADERSHIP PREK-12)

Candidates desiring admission to the Master's Degree in Educational Leadership (PreK-12 concentration) begin by completing an application for and obtaining Northeastern Illinois University's Student at Large (SAL) designated status. This status allows students to enroll in up to three courses without full admission to the College of Graduate Studies and Research. Students admitted as a SAL then use the program's first introductory course, LEAD-424, to complete the graduate program application for admission¹ as the class professor provides time to assist students with the details of the formal program application process.

¹ Application completed during LEAD-424

Admission Requirements

- A Bachelor's Degree from an accredited college or university.
- Minimum 2.75 G.P.A. (on a 4.0 scale) from most recent degree.
- Valid and current Illinois Professional Educator License (PEL) (i.e., early childhood, elementary, secondary, special K-12, or special preschool-age 21 certificate) OR until June 30, 2019, endorsed in a school support personnel area (i.e., school counselor, school psychologist, speech language pathologist (non-teaching), school nurse, school social worker, school marriage and family counselor). Under current law, ISBE requires school support personnel to graduate and obtain the Principal Endorsement no later than June 30, 2019.
- Completion of two years of PK-12 full-time teaching OR school support personnel experience within the last five years.
- Passage of the Illinois Test (<http://www.il.nesinc.com>) of Basic Skills (ITBS)/ Test of Academic Proficiency (TAP). ACT plus writing or SAT scores may be eligible to be used in lieu of these tests.¹
- Two letters of recommendation (completed by supervisors).
- Two NEIU Disposition Assessments (completed by supervisors).
- Successful completion of a written exam provided by the department.
- Completion of a successful teaching or school support personnel portfolio.
- In-person interview.

¹ See ISBE policy regarding using these Test at ISBE.NET (<http://www.ISBE.NET>).

ADMISSION PROCESS (HIGHER EDUCATION LEADERSHIP)

Candidates desiring admission to the Master's Degree in Educational Leadership with a concentration in Higher Education should first contact the facilitator of that graduate program. Students then complete the application to the Graduate College indicating their program preference. Additional admission requirements include:

- A personal statement indicating one's experience in Higher Education
- A resume

- In-person interview
- A Bachelor's Degree from an accredited college or university
- Minimum G.P.A. of 2.75 on a 4.0 scale
- Two letters of recommendation

Program Requirements:

1. Selection of a concentration in School Leadership (PreK-12) or Higher Education Leadership.
2. Completion of 36 credit hours according to prescribed sequences.
3. Successful completion of the Departmental Comprehensive Examinations.

Required Courses:

School Leadership (PreK-12) Concentration (36 credit hours)

Sequence I

LEAD-424 should be the first course taken as a Student-At-Large. During this course, time is allotted to work on the formal graduate program application process. It is recommended to take LEAD-421 the same semester.

LEAD-424	Introduction To Evaluation Of Certified & Support Staff	3
LEAD-421	Educational Leadership And Organizational Studies	3
LEAD-429	Research Design & Analysis Of Educational Data	3
LEAD-436	Human Resources Administration In Education	3
LEAD-401	Instructional Leadership	3
LEAD-422	The Principalship	3

Successfully complete Part I of the Comprehensive Examination.

Note: Upon successful completion of LEAD 424 and LEAD 421 and admittance to the program, Part I of the Comprehensive Examination should be taken.

Sequence II

LEAD-433	School Law & Ethics	3
LEAD-432	School Finance & Budgeting	3
LEAD-431	School & Community Relations	3
LEAD-434 & LEAD-435 & LEAD-437	Internship I and Internship II and Internship III	9

The capstone experience in the Educational Leadership program is the three-course internship sequence. Students must plan their internship experience to provide for three consecutive internship classes.

Successfully complete Part II of the Comprehensive Examination.

Additional Program Information:

The Illinois Performance Evaluation (PERA) Growth Through Learning Training and Assessment and the 195-196 Principal as Instructional Leader exam are required for graduation from the program.

Higher Education Leadership Concentration (36 credit hours)

The Higher Education Leadership Program is a cohort program that admits candidates every two years. Please see the department chair for information.

Sequence I

LEAD-421	Educational Leadership And Organizational Studies	3
LEAD-491	Foundations In Higher Education	3
COUN-468H	Seminar In Counseling:Student Personnel Work In Higher Education	3
LEAD-429	Research Design & Analysis Of Educational Data	3
LEAD-413	Human Relations And Leadership	3
Elective course		3

Sequence II

LEAD-492	Resources, Institutional Planning And Finance In Higher Education	3
LEAD-493	The Law Of Higher Education	3
LEAD-495	Practicum In Higher Education	3
3 Elective courses		9
OR		
LEAD-430	Thesis Seminar (and 1 additional elective)	
Comprehensive Examination		
Total Hours		36

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

School Leadership

First Year

		Hours
Term 1		
LEAD-421	Educational Leadership And Organizational Studies	3
LEAD-424	Introduction To Evaluation Of Certified Support Staff	3
Term Hours		6
Term 2		
LEAD-436	Human Resources Administration In Education	3
LEAD-429	Research Design Analysis Of Educational Data	3
Term Hours		6
Term 3		
LEAD-422	The Principalship	3
LEAD-401	Instructional Leadership	3
Term Hours		6

Second Year

Term 1		
LEAD-433	School Law Ethics	3
LEAD-434	Internship I	3
Term Hours		6
Term 2		
LEAD-432	School Finance Budgeting	3
LEAD-435	Internship II	3
Term Hours		6
Term 3		
LEAD-431	School Community Relations	3
LEAD-437	Internship III	3
Term Hours		6
Total Hours:		36

Higher Education Leadership

First Year

		Hours
Term 1		
LEAD-421	Educational Leadership And Organizational Studies	3
LEAD-491	Foundations In Higher Education	3
Term Hours		6

Term 2		
LEAD-496B	Seminar In Higher Education: The Problematic Pipeline - Latinos And Latinas In Higher Education	3
COUN-468H	Seminar In Counseling: Student Personnel Work In Higher Education	3
		Term Hours 6
Term 3		
LEAD-429	Research Design Analysis Of Educational Data	3
LEAD-413	Human Relations And Leadership	3
		Term Hours 6
Second Year		
Term 1		
LEAD-492	Resources, Institutional Planning And Finance In Higher Education	3
LEAD-480	The Community College	3
		Term Hours 6
Term 2		
LEAD-495	Practicum In Higher Education	3
LEAD-490	Adult Learner	3
		Term Hours 6
Term 3		
LEAD-496C	Seminar In Higher Education: Critical Policy Issues In Latino Higher Education	3
LEAD-493	The Law Of Higher Education	3
		Term Hours 6
		Total Hours: 36

Literacy Education

Literacy Education Programs offer three strands of graduate work leading to K-12 Reading Specialist/Literacy Coach Endorsement, Reading Teacher Endorsement for Elementary Grades, or Reading Teacher Endorsement for Secondary Grades, all designed to meet the urgent need for informed and trained instructional leaders in literacy education. The specific objectives of the programs are to increase candidates' knowledge of the nature and scope of literacy processes; to advance professional growth in the teaching of literacy; to provide specialized training in assessment and intervention for students who struggle with reading and writing; to prepare candidates for leadership in literacy instructional planning, curriculum development, and professional support. Please visit the Literacy Education website at Literacy, Leadership and Development (<http://www.neiu.edu/academics/college-of-education/departments/literacy-leadership-and-development>) .

- Master of Arts in Literacy Education (<http://catalog.neiu.edu/archive/2016-2017/education/literacy-education/master-arts-literacy-education>)
- Reading Teacher Endorsement: Elementary Level (<http://catalog.neiu.edu/archive/2016-2017/education/literacy-education/master-arts-literacy-education>)
- Reading Teacher Endorsement: Secondary Level (<http://catalog.neiu.edu/archive/2016-2017/education/literacy-education/master-arts-literacy-education>)

April Nauman, Ph.D., Professor, Program Coordinator

Louise Bohr, Ph.D., Professor

Christina Mada, Ph.D., Associate Professor

JoAnne Vazzano, Ph.D., Associate Professor

LTCY-301. Teaching Literacy In Junior & Senior High Schools. 3 Hours.

Explores theory, methodology and problems involved in teaching reading at the junior and senior high school levels. Emphasis is on developing a working definition of reading and comprehension, diagnosing and understanding individual needs of normally achieving and reading handicapped students. Assessment of reading, understanding the relationship between reading and learning in content areas and practical strategies for improving comprehension of school materials are considered. Prerequisite: Junior in standing.

LTCY-311. Fundamentals Of Literacy Instruction. 3 Hours.

An introduction to the teaching of reading; its nature, objectives, programs, materials and organizational strategies. Development and evaluation of reading skills and interests, provision for reading growth among all learners and improving reading in content areas are also discussed.

LTCY-402. Issues In Literacy Instruction. 3 Hours.

Discussion of selected issues in reading related to instructional methods, classroom assessment techniques, types of reading programs, and innovations and trends of reading instruction. Also included are the topics of readability, content area reading, utilization of research in reading, and alternatives for meeting the reading needs of the exceptional learner.

Prerequisite: LTCY-311 minimum grade of D or READ-311 minimum grade of D.

LTCY-501. Literacy Instruction In Elementary Grades. 3 Hours.

This course addresses the components that comprise a balanced, comprehensive approach to the development of literacy. Reading acquisition and early literacy as well as the continued development of literacy learning in a diverse society through the elementary grades are included. Candidates explore advanced methods and use of materials, including traditional print and digital media.

LTCY-502. Literacy Instruction In Content Areas In Secondary Grades. 3 Hours.

This course addresses the components of advanced literacy development with an emphasis on instructional approaches to foster literacy development in middle and high school levels in a diverse society, with a focus on literacy in the content areas and the specialized vocabulary needs of content area study. Advanced methods and the use of materials from traditional print as well as digital media are included.

LTCY-503. Theoretical Foundations Of Literacy Education. 3 Hours.

Candidates explore the historically shared knowledge of the literacy education profession and changes over time in the perceptions of reading and writing development, processes, and components. Candidates develop an understanding of major theories and empirical research that describe the cognitive, linguistic, motivational, and sociocultural foundations of reading and writing development, processes, and components.

Prerequisites: LTCY-501 minimum grade of C and LTCY-502 minimum grade of C or LTCY-513 minimum grade of C or (READ-416 minimum grade of C and READ-417 minimum grade of C or READ-440 minimum grade of C).

LTCY-504. Literature For Instruction In A Diverse Society. 3 Hours.

In this course, candidates explore appropriate instructional approaches to use authentic literature as the foundation for literacy instruction. The use of multicultural literature both in traditional print and in digital media to meet the needs of diverse student populations is emphasized.

Prerequisites: LTCY-501 minimum grade of C and LTCY-502 minimum grade of C and LTCY-513 minimum grade of C or LTCY-402 minimum grade of C or (READ-416 minimum grade of C and READ-417 minimum grade of C and READ-440 minimum grade of C or READ-402 minimum grade of C).

LTCY-505. Writing Instruction In Elementary Grades. 3 Hours.

Candidates explore effective instructional approaches to integrate reading and writing instruction effectively in kindergarten through grade 5 classrooms comprised of diverse student populations.

Prerequisite: LTCY-501 minimum grade of C or LTCY-402 minimum grade of C or (READ-416 minimum grade of C or READ-402 minimum grade of C).

LTCY-506. Writing Instruction In Middle & High School. 3 Hours.

Candidates explore instructional approaches to integrate reading and writing instruction effectively in middle- and secondary-level classrooms comprised of diverse student populations. Diverse structures and genres of writing in the content areas are emphasized.

Prerequisite: LTCY-502 minimum grade of C or LTCY-513 minimum grade of C or (READ-417 minimum grade of C or READ-440 minimum grade of C).

LTCY-507. Literacy Assessment And Instructional Planning. 3 Hours.

Candidates analyze and evaluate instruments and procedures used in assessing literacy development. Candidates will select and administer multiple assessment instruments for specific purposes, analyze and interpret the results for use in planning effective, comprehensive, balanced instruction for diverse groups of students. The use of assessment results to diagnose the needs of students in reading and writing and planning for interventional instruction will be emphasized.

Prerequisites: (LTCY-501 minimum grade of C or LTCY-502 minimum grade of C or LTCY-513 minimum grade of C) and (LTCY-505 minimum grade of C or LTCY-506 minimum grade of C) and LTCY-504 minimum grade of C.

LTCY-508. Practicum In Literacy Assessment & Intervention: Elementary Level. 3 Hours.

Candidates participate in a supervised clinical experience in assessing the literacy needs of students in grades K-5 who are struggling in reading and writing. Candidates gain expertise in the development and implementation of plans for intervention as well as progress monitoring. Candidates work with individual students as well as collaboratively with small groups of students. Candidates also engage in collegial coaching and a reflective professional seminar.

Prerequisite: LTCY-507 minimum grade of C or READ-407 minimum grade of C.

LTCY-509. Practicum In Literacy Assessment & Intervention: Middle Level. 3 Hours.

Candidates participate in a supervised clinical experience in assessing the literacy needs of students in grades 6-8 who are struggling in reading and writing. Candidates gain expertise in the development and implementation of plans for intervention as well as progress monitoring. Candidates work with individual students as well as collaboratively with small groups of students. Candidates also engage in collegial coaching and a reflective professional seminar.

Prerequisite: LTCY-507 minimum grade of C or READ-407 minimum grade of C.

LTCY-510. Practicum In Literacy Assessment & Intervention: Secondary Level. 3 Hours.

Candidates participate in a supervised clinical experience in assessing the literacy needs of students in grades 6-12 who are struggling in reading and writing. Candidates gain expertise in the development and implementation of plans for intervention as well as progress monitoring. Candidates work with individual students as well as collaboratively with small groups of students. Candidates also engage in collegial coaching and a reflective professional seminar.

Prerequisite: LTCY-507 minimum grade of C or READ-407 minimum grade of C.

LTCY-511. Research Seminar In Literacy Education. 3 Hours.

Candidates conduct multi-phase analyses of assessment data to examine the effectiveness of specific, evidence-based intervention practices designed to meet the literacy needs of diverse student populations through the students' responses to instruction.

Prerequisites: LTCY-503 minimum grade of C and LTCY-507 minimum grade of C or (READ-401 minimum grade of C and READ-407 minimum grade of C).

LTCY-512. Leadership In Literacy Instruction. 3 Hours.

Prerequisite: LTCY-507 minimum grade of C or READ-407 minimum grade of C.

LTCY-513. Literacy Instruction For Middle Level. 3 Hours.

Candidates will gain an understanding of the philosophy, structure, content areas, administrative structure and students in middle school settings with a focus on the issues, research and comprehensive instructional approaches and materials from both print and nontraditional media used in effective literacy instruction with diverse students in middle grades.

Prerequisite: LTCY-501 minimum grade of C or LTCY-502 minimum grade of C or (READ-416 minimum grade of C or READ-417 minimum grade of C).

LTCY-514. Literacy Instruction For Linguistically & Culturally Diverse Learners. 3 Hours.

Candidates explore appropriate and varied instructional approaches as well as a wide range of texts from traditional print, digital, and online resources for English Language Learners, with emphasis on the value of diversity in society and relevance to learning to read and write, especially as related to cultural and linguistic aspects of oral language development as related to literacy. Appropriate classroom assessments will be used to plan and evaluate instruction.

Prerequisites: LTCY-501 minimum grade of C and LTCY-502 minimum grade of C or LTCY-513 minimum grade of C or (READ-416 minimum grade of C and READ-417 minimum grade of C or READ-440 minimum grade of C).

LTCY-515. Integrating Technology With Literacy Instruction. 3 Hours.

Candidates will analyze the utilization of digital media in classrooms as integrated into literacy instruction. Topics include software selection and evaluation as well as the uses of digital media in teaching components of literacy and assessment.

Prerequisites: LTCY-501 minimum grade of C and LTCY-502 minimum grade of C or LTCY-513 minimum grade of C or (READ-416 minimum grade of C and READ-417 minimum grade of C or READ-440 minimum grade of C).

LTCY-516. Advanced Practicum In Literacy Education. 3 Hours.

Provides in a clinical and/or on-site setting, opportunities to explore innovative diagnostic and instructional practices. In-depth study of particular reading problems as well as overall reading program development is encouraged.

LTCY-517. Language Development And Early Literacy. 3 Hours.

This course focuses on the relationships between children's language development and early literacy development. Teachers will develop an understanding of the developmental nature of language and literacy within the context of a diverse population. Emphasis will be on the instructional implications for teachers working with children from infancy through Grade 3 in the development of language and literacy as well as the influence of language development and the application of literacy learning in content areas. Graduate students in the MAT in ECED program or the Focus program who are pursuing a Professional Educator License (PEL) to teach children age 0-8 years are encouraged to take the initial courses in the MAT in ECED program, which are ECED-402 Fndtns of Early Childhood Educ, ECED-408 Lang Acquisition in EC, and ECED-410, Cur Dev in EC, before they take LTCY-517.

Prerequisite: LTCY-501 minimum grade of C.

LTCY-521. Independent Study In Literacy Education. 1 Hour.

Candidates who have interests in specific literacy topics may be invited by faculty members to conduct independent studies. They must collaborate with faculty members to develop proposals for departmental approval. Credit will be awarded commensurate with the scope of the proposed study and commitment required of faculty.

Prerequisite: LTCY-501 minimum grade of B or LTCY-502 minimum grade of B or LTCY-513 minimum grade of B.

LTCY-522. Independent Study In Literacy Education. 2 Hours.

Candidates who have interests in specific literacy topics may be invited by faculty members to conduct independent studies. They must collaborate with faculty members to develop proposals for departmental approval. Credit will be awarded commensurate with the scope of the proposed study and commitment required of faculty.

Prerequisite: LTCY-501 minimum grade of B or LTCY-502 minimum grade of B or LTCY-513 minimum grade of B.

LTCY-523. Independent Study In Literacy Education. 3 Hours.

Candidates who have interests in specific literacy topics may be invited by faculty members to conduct independent studies. They must collaborate with faculty members to develop proposals for departmental approval. Credit will be awarded commensurate with the scope of the proposed study and commitment required of faculty.

Prerequisite: LTCY-501 minimum grade of B or LTCY-502 minimum grade of B or LTCY-513 minimum grade of B.

Master of Arts in Literacy Education

Requirements for Admission to Literacy Education Programs for an MA in Literacy Education and Reading Teacher Endorsement at the Elementary or Secondary Level

For students admitted to graduate programs after Fall 1997, all graduate credits must be at the 400 level or above.

Candidates must meet the requirements for admission to the College of Graduate Studies and Research and any additional requirements for admission to the Graduate Programs in Literacy Education. Candidates seeking a Master of Arts Degree in Literacy Education or a Reading Teacher Endorsement at the Elementary Level or at the Secondary Level must provide evidence of:

- A current Illinois professional educator license endorsed for teaching
- Successful completion of a course in educational psychology
- A minimum grade point average of 2.75 in undergraduate work with a minimum grade point average of 3.0 in the education major coursework
- Successful completion of the Illinois Licensure Testing System Test of Basic Skills or the Test of Academic Proficiency (TAP) or ACT or SAT.
- Submission of a written essay focused on professional experiences and goals

In addition to these requirements, candidates seeking admission to the **Master of Arts Degree in Literacy Education leading to a Reading Specialist/Literacy Coaching Endorsement** must present evidence of a minimum of one year full-time teaching experience as the teacher of record. The Illinois State Board of Education requires a minimum of two years teaching experience as teacher of record in Illinois to qualify for Reading Specialist (K-12) endorsement.

Expectations

All students participating in courses offered by the Department of Literacy Education are expected to adhere to the standards for academic conduct described in the Northeastern Illinois University Academic Catalog as well as the Northeastern Illinois University Student Handbook.

Candidates for the Reading Specialist/Literacy Coach endorsement and for Reading Teacher Endorsements are further expected to adhere to the behaviors described in the Ethics Statement published by the International Literacy Association.

The Reading Specialist/Literacy Coaching Program consists of the following requirements

LTCY-501	Literacy Instruction In Elementary Grades	3
LTCY-502	Literacy Instruction In Content Areas In Secondary Grades	3
LTCY-503	Theoretical Foundations Of Literacy Education	3
LTCY-504	Literature For Instruction In A Diverse Society	3
LTCY-505	Writing Instruction In Elementary Grades	3
or LTCY-506	Writing Instruction In Middle & High School	
LTCY-507	Literacy Assessment And Instructional Planning ^{1,2}	3
(Prerequisites for Literacy Specialists: LTCY-501 and LTCY-502)		
Capstone Courses		
LTCY-508	Practicum In Literacy Assessment & Intervention: Elementary Level ^{1,2,3}	3
LTCY-510	Practicum In Literacy Assessment & Intervention: Secondary Level ^{1,2,3}	3
LTCY-511	Research Seminar In Literacy Education ¹	3
LTCY-512	Leadership In Literacy Instruction ¹	3
Select one of the following:		
LTCY-513	Literacy Instruction For Middle Level	
LTCY-514	Literacy Instruction For Linguistically & Culturally Diverse Learners	
or LTCY-515	Integrating Technology With Literacy Instruction	

Total Hours

33

¹ Requires departmental approval

- 2 Benchmark Evaluation prior to LTCY-507 (<http://catalog.neiu.edu/search/?P=LTCY-507>)
Candidates must be authorized to register for LTCY-507 (<http://catalog.neiu.edu/search/?P=LTCY-507>) Must have:
- Must have completed LTCY-501 (<http://catalog.neiu.edu/search/?P=LTCY-501>), LTCY-502 (<http://catalog.neiu.edu/search/?P=LTCY-502>), LTCY-504 (<http://catalog.neiu.edu/search/?P=LTCY-504>) and either LTCY-505 (<http://catalog.neiu.edu/search/?P=LTCY-505>) or LTCY-506 (<http://catalog.neiu.edu/search/?P=LTCY-506>)
 - Minimum GPA of 3.25
 - Must declare whether candidate for endorsement or reading specialist
 - Must have completed key assessments from LTCY-504 (<http://catalog.neiu.edu/search/?P=LTCY-504>) with results at the *Acceptable* or above.
 - Must have one faculty evaluation of professional dispositions
 - Must have submitted one self evaluation of professional dispositions
- 3 Must submit Professional Experience form
- 4 Must be authorized to register
- 5 Successful completion of Reading Teacher Test, #176, administered by the Illinois Licensure Testing System prior to completion of course

The Final Evaluation for the Master of Arts Degree in Literacy Education

- Minimum grade point average of 3.0
- One Self Evaluation of Professional Dispositions.
- One Faculty Evaluation of Professional Dispositions from the Supervisor of the Clinical Practicum.
- Submission of the Reading Specialist/Literacy Coaching Program Survey.
- Successful completion of the Reading Specialist Test, #176 administered by the Illinois Licensure Testing System. Candidates must provide copies of the results of these tests to the department. All results must be from administrations of the tests within five years prior to the candidate's completion of the program and application for licensure.

Candidates admitted after Fall 2016 must submit an electronic portfolio.

Candidates admitted prior to Fall 2016 are required to submit key assessments from LTCY-503, LTCY-504, LTCY-507, LTCY-508, LTCY-510, LTCY-511, and LTCY-512 with results at an *Acceptable* level or above.

Requirements for the Reading Teacher Endorsement Program: Elementary Level

LTCY-501	Literacy Instruction In Elementary Grades	3
LTCY-502	Literacy Instruction In Content Areas In Secondary Grades	3
LTCY-504	Literature For Instruction In A Diverse Society	3
LTCY-505	Writing Instruction In Elementary Grades	3
LTCY-507	Literacy Assessment And Instructional Planning ¹	3
(Prerequisites for Elementary Reading Endorsement: LTCY-501 and LTCY-502)		
LTCY-508	Practicum In Literacy Assessment & Intervention: Elementary Level ^{1,2,3}	3
LTCY-510	Practicum In Literacy Assessment & Intervention: Secondary Level ^{1,2,3}	3
LTCY-512	Leadership In Literacy Instruction ¹	3
Total Hours		24

- ¹ Must be authorized to register
- ² Must submit Professional Experience Form
- ³ Successful completion of Reading Teacher Test, #176, administered by the Illinois Licensure Testing System prior to completion of course

Final Evaluation for Reading Teacher Endorsement Program: Elementary Level

- Minimum grade point average of 3.0
- One Self Evaluation of Professional Dispositions
- One Faculty Evaluation of Professional Dispositions from the Supervisor of the Clinical Practicum
- Submission of the Reading Teacher Endorsement Program Survey
- Successful completion of the Reading Teacher Test, #177 administered by the Illinois Licensure Testing System. All results must be from administrations of the tests within five years prior to the candidate's completion of the program and application for endorsement

Requirements for the Reading Teacher Endorsement Program: Secondary Level

LTCY-501	Literacy Instruction In Elementary Grades	3
LTCY-502	Literacy Instruction In Content Areas In Secondary Grades	3
LTCY-504	Literature For Instruction In A Diverse Society	3

LTCY-506	Writing Instruction In Middle & High School	3
LTCY-507	Literacy Assessment And Instructional Planning ¹	3
(Prerequisites for Secondary Reading Endorsement: LTCY-501 and LTCY-502)		
LTCY-508	Practicum In Literacy Assessment & Intervention: Elementary Level ^{1,2,3}	3
LTCY-510	Practicum In Literacy Assessment & Intervention: Secondary Level ^{1,2,3}	3
LTCY-512	Leadership In Literacy Instruction	3
Total Hours		24

- ¹ Must be authorized to register
- ² Must submit Professional Experience Form
- ³ Successful completion of Reading Teacher Test, #176, administered by the Illinois Licensure Testing System prior to completion of course

Final Evaluation for Reading Teacher Endorsement Program: Secondary Level

- Minimum grade point average of 3.0
- One Self Evaluation of Professional Dispositions
- One Faculty Evaluation of Professional Dispositions from the Supervisor of the Clinical Practicum
- Submission of the Reading Teacher Endorsement Program Survey
- Successful completion of the Reading Teacher Test, #177 administered by the Illinois Licensure Testing System. Candidates must provide copies of the results of these tests to the department. All results must be from administrations of the tests within five years prior to the candidate's completion of the program and application for endorsement.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
LTCY-501	Literacy Instruction In Elementary Grades	3
LTCY-502	Literacy Instruction In Content Areas In Secondary Grades	3
Term Hours		6
Term 2		
LTCY-504	Literature For Instruction In A Diverse Society	3
LTCY-505 or 506	Writing Instruction In Elementary Grades	3
Term Hours		6
Term 3		
LTCY-503	Theoretical Foundations Of Literacy Education	3
LTCY-507	Literacy Assessment And Instructional Planning	3
Term Hours		6

Second Year

Term 1		Hours
LTCY-508	Practicum In Literacy Assessment Intervention: Elementary Level	3
LTCY-510	Practicum In Literacy Assessment Intervention: Secondary Level	3
Term Hours		6
Term 2		
LTCY-511	Research Seminar In Literacy Education	3
LTCY-512	Leadership In Literacy Instruction	3
Term Hours		6
1 Elective course		3
Term Hours		9

Special Education

The Department of Special Education at Northeastern Illinois University prepares reflective professionals who aim to transform the lives of individuals with exceptionalities and their families. We believe there is nothing more important than fostering with dignity and respect, the inclusion of students with exceptional learning needs in every aspect of life. Therefore, our work in teacher preparation is guided by one simple principle...it's about the kids.

One special feature of the department is the *William Itkin Children's Service Center*. Located within the special education department, the technology-enhanced Itkin Center is designed to provide assessment and remediation of learning and behavior problems in school-age children and youth and to provide training to graduate students.

Program Offerings:

- **Special Education-Learning Behavior Specialist (LBS) I**
 - Bachelor of Arts in Special Education
 - Master of Arts in Special Education
 - Endorsement-only (Focus LBS I) program (non-degree)
- **(Advanced) Special Education-Learning Behavior Specialist II**
 - Master of Science in Special Education-Behavior Intervention Specialist (BIS)
 - Master of Science in Special Education- Curriculum Adaptation Specialist (CAS)
 - Master of Science in Special Education -Dual BIS and CAS
 - BIS-Endorsement only (non-degree)
 - CAS-Endorsement only (non-degree)
- **Gifted Education**
 - Master of Arts in Gifted Education

Detailed information on all of our programs can be found on our website at SPED (<http://www.neiu.edu/academics/college-of-education/departments/special-education>) .

- Major in Special Education (<http://catalog.neiu.edu/archive/2016-2017/education/special-education/special-education>)

There are three graduate programs in Special Education:

- Master of Arts in Special Education (MA LBS I) (<http://catalog.neiu.edu/archive/2016-2017/education/special-education/master-arts-special-education>) leads to the Illinois Professional Education License with LBS I (P-21) endorsement. A four-course approval may be attached to the MA LBS I for candidates seeking the Early Childhood Special Education Approval.
- Master of Arts in Gifted Education (MAGE) (<http://catalog.neiu.edu/archive/2016-2017/education/special-education/master-arts-gifted-education>) is for licensed teachers who want to work with students who are gifted and talented. This program is aligned with the state requirements for the Gifted Endorsement.
- Master of Science in Special Education (LBS II (<http://catalog.neiu.edu/archive/2016-2017/education/special-education/master-science-special-education-lbs-ii>)) is for licensed teachers who hold the LBS I (P-21) Endorsement.

Graduates of a Master's program sequence will be able to

1. design and implement programs for students with exceptional learning needs;
2. consult and collaborate with others on the needs of the students; and
3. analyze and make instructional decisions based on reliable assessments.

There is also a **non-degree Focus LBS I Program in Special Education** for licensed teachers only. This non-degree, online program leads to LBS I endorsement (PK-21) **without** a Master's degree.

Sandra Beyda-Lorie, Ph.D., Professor, Chair
 Kathleen Brown, Ph.D., Associate Professor
 Jolanta Jonak, Ed.D., Associate Professor
 Michele Kane, Ed.D., Professor
 Phyllis L. Le Dosquet, Ph.D., Associate Professor
 Effie Kritikos, Ph.D., Professor
 Mark Melton, Ed.D., Associate Professor
 Gerardo Moreno, Ph.D., Professor
 Mickie Wong-Lo, Ph.D., Associate Professor
 David Yasutake, Ph.D., Professor

SPED-201. Special Needs Child In The Inclusive Classroom. 3 Hours.

The course for pre-service elementary and middle school teachers presents the historical, philosophical and legal foundations of the continuum of services for special needs children. The characteristics of individuals with disabilities is presented within the context of Individual with Disabilities Act (IDEA). Also included is diversity of exceptional populations with implications for service delivery.

Special focus on: 1) developing sensitivity and understanding of the challenges experienced by students with special needs, 2) delivery of services to special needs students in the general education classroom, 3) collaboration between the general education and special education teacher for the benefit of all of the students in the classroom. Twenty hours of field experience and a twenty hour service learning project are required.

SPED-299B. Introduction To Disability. 3 Hours.**SPED-310. Characteristics Of Individuals With Learning Disabilities. 3 Hours.**

Prerequisites: SPED-303 minimum grade of D and SPED-304 minimum grade of D.

SPED-316. Professional Development Of The Special Educator. 1 Hour.

Special Education 316 provides special education teacher candidates the opportunity to develop critical skills indicative of a prepared and highly qualified special educator. Candidates will demonstrate the foundational development of cultural competency/reciprocity to work with students from culturally/linguistically diverse (CLD) backgrounds, articulate specific practices/policies regarding professional obligations (e.g., child protection laws, digital etiquette and safety, rights on intellectual property and fair use), discuss collaborative approaches in working with various members of the school/home/community, examine the significance of self-initiated, continuous professional development and improvement for all educators and provide evidence of meeting the professional competencies required of a beginning special educator. **Prerequisites:** All Bachelor of Arts in Special Education coursework (Block I and II) prior to student teaching.

SPED-317. Inclusive Teaching Strategies. 1.5 Hour.

Inclusive Teaching Strategies is designed to provide pre-service teachers with an overview of curricular design and strategies used in teaching students with exceptional learning needs in inclusive elementary school classrooms. Specially designed instructional strategies include the integration of Universal Design for Learning (UDL) tenets to build differentiated learning structures which support learners of varying abilities. The course emphasizes curricular adaptation with focus on anchor skills within Common Core Student Standards (CCSS). The ability to develop instructional plans using multiple means of representation, engagement, and expression will be assessed.

SPED-323. Consultation In Special Education. 3 Hours.

This course is designed to foster effective communication skills in dealing with students, families, school professionals and outside agencies to build collaborative partnerships with an understanding of the roles of responsibilities of various stakeholders. Background, theory, and models of consultation and collaboration, co-teaching, pre-referral interventions and inclusion will be covered. Procedure for assuming leadership roles when planning and conducting collaborative meetings, parent participation and staff development will also be addressed.

SPED-371. Writing Intensive Program: Foundations Of Special Education. 3 Hours.

Presentation of the philosophical and historical foundations of the field of special education. Discussion of existing law, legal applications, current trends, practices, professional behavior and ethical considerations. Overview of methods of inquiry utilized by the profession. Development of professional writing skills used in the field of special education. This course meets the NEIU Writing Intensive requirement for majors in SPED.

Prerequisite: ENGL-101 minimum grade of C.

SPED-372. The Development & Characteristics Of Children And Youth With Exceptional Learning Needs. 3 Hours.

The development and characteristics of children and youth with exceptional learning needs is examined. Exceptionalities include but are not limited to Intellectual Disabilities, Learning Disabilities, Emotional and Behavior Disorders, ADD, Giftedness, Communication disorders, Physical Disabilities, Traumatic Brain Injury, Severe and Multiple Disabilities, Autism, Health Impairments, and Sensory impairments. Emphasis will be on understanding causes, theories and factors associated with the manifestation of various exceptional learning conditions.

Prerequisite: SPED-371 minimum grade of C.

SPED-373. Teaching Learners With Special Needs I. 3 Hours.

This course includes specialized teaching methodologies appropriate for individuals with mild disabilities in the academic and social skills arena with emphasis on designing instruction to address students' cognitive, cultural, and affective growth. Emphasis will also be given to the development and planning of the individualized educational program (IEP). Strategies for informal assessment and the teaching of reading, written expression, mathematics, content areas, and social skill training will be addressed.

Prerequisite: SPED-371 minimum grade of C.

SPED-374. Supervised Field Experience I. 3 Hours.

Students will be placed in a school setting, with supervision, to observe and help teach pupils with disabilities. Emphasis will be placed on higher incidence disabilities. Both primary and secondary school placements will be available.

Prerequisite: SPED-371 minimum grade of C.

SPED-375. The Development And Characteristics Of Children And Youth With Lower Incidence Disabilities. 3 Hours.

The development and characteristics of children and youth with lower incidence disabilities is examined. Exceptionalities discussed include: Physical Disabilities, Traumatic Brain Injury, Severe and Multiple Disabilities, Autism, Health Impairments, and Sensory impairments. An overview of the assessment and diagnostic processes for the identification and educational treatment of these disabilities is offered.

Prerequisite: SPED-373 minimum grade of C.

SPED-376. Teaching Learners With Moderate To Severe Disabilities. 3 Hours.

This course addresses methodologies for teaching individuals with moderate to severe disabilities. Emphasis will be given to the basics of instructional design across the academic and social arena, including assessing and prioritizing skills for instruction, writing goals and objectives and using antecedent and consequence based instructional procedures. The special needs of students with communication deficits, severe cognitive, health and physical disabilities will be addressed.

Prerequisite: SPED-373 minimum grade of C.

SPED-377. Supervised Field Experience II. 3 Hours.

Candidates will be placed in a school setting, with supervision, to observe and help teach students with exceptional learning needs. Emphasis will be placed on assessment and the integration of technology appropriate for meeting the needs of diverse learners in the least restrictive environment.

Prerequisites: SPED-373 minimum grade of C and SPED-374 minimum grade of B.

SPED-378. Alternative Curriculum For Learners With Special Needs. 3 Hours.

This course surveys methods and procedures for educating students with lower incidence disabilities. Topics include Functional Curriculum, Transitional planning for adult life, Residential Settings, vocational options and instructional planning and design.

Prerequisite: SPED-373 minimum grade of C.

SPED-379. Managing Behaviors In The Classroom. 3 Hours.

The principles of behavior management will be explored. Topics will include managing student progress, classroom management, student interventions, improving social skills, aggressive behavior, and working with autistic behaviors.

Prerequisite: SPED-372 minimum grade of C.

SPED-380. Assessment Of Diverse Populations In Special Education. 4 Hours.

An overview of terminology, legislation, legal and ethical considerations regarding assessment in special education is first presented. Test construction and basic statistical concepts are reviewed. The relationship between screening, referral, diagnosis, placement and intervention are discussed. The effects of cultural-linguistic diversity on assessment performance are reviewed. Individual measures of adaptive behavior, language proficiency, cognitive ability and achievement are presented. Curriculum- Based assessment and behavioral observation strategies are studied.

Prerequisites: SPED-372 minimum grade of C and SPED-375 minimum grade of C.

SPED-381. Student Teaching Sped. 12 Hours.

Supervised classroom teaching experience combined with seminar discussions. Study of the school as a social unit; classroom management; the teacher's personal qualities; culture and personality dynamics; educational technology; parent relationships; diagnosis; suggested teaching techniques and curriculum organization.

SPED-382. Strategies For Differentiating Instruction For Students With Exceptional Learning Needs. 3 Hours.

This course focuses on evidence-based instructional strategies appropriate for individuals with disabilities who access the general education curriculum. Specialized strategies to build initial acquisition of knowledge and skills in the areas of reading, spoken and written language, mathematics, social/emotional development, and study skills will be addressed, as well as techniques across the curriculum that enable meaningful inclusion of individuals with a range of abilities. Emphasis will also be given to the development and planning of the individualized educational program (IEP).

Prerequisite: SPED-371 minimum grade of B.

SPED-383. Informal Assessment And Progress Monitoring. 3 Hours.

Special Education 383 establishes an understanding of the principles of assessment as a means to evaluate and address the academic and/or behavioral needs of students at-risk and students with disabilities. The course provides candidates the opportunity to develop professional skills in assessment administration, score interpretation of psychometric and curriculum-based measurements (CBM); use outcome data results to plan instruction, appropriate accommodations and modifications, monitor student progress, and use assessment data for problem-solving decision making and special education eligibility.

Prerequisite: SPED-382 minimum grade of C.

SPED-384. Instructional Design For Individuals With Exceptional Learning Needs. 3 Hours.

This course focuses on establishing an evidence-based framework for instructional planning appropriate for individuals with exceptional learning needs and grounded in the community assets and real life issues of the learner. Content will address critical features of instructional design including the impact of various cognitive processes and diversity characteristics that impact student learning. Emphasis will be on the developing short-and long-term objectives in an instructional sequence that supports learners' academic and social/emotional learning as well as language/communication needs.

Prerequisite: SPED-382 minimum grade of D.

SPED-385. Community Partnership And Advocacy. 2 Hours.

This course provides undergraduate candidates the opportunity to work collaboratively with peers and community partners to identify needs in Chicago and area communities through service learning projects. Candidates will examine key components in the development of effective community partnerships and the cultivation of advocacy/ leadership skills on behalf of students with exceptionalities. Candidates will engage in establishing partnerships among private and/or public organizations for the purposes of evaluating and improving the family-school-community relationship.

Prerequisites: SPED-377 minimum grade of B and SPED-379 minimum grade of C.

SPED-390. Educating Persons With Autism. 3 Hours.

Prerequisite: SPED-304 minimum grade of D.

SPED-395. Technology And Special Education. 3 Hours.

Prerequisites: SPED-372 minimum grade of C and SPED-375 minimum grade of C and SPED-378 minimum grade of C and (SPED-304 minimum grade of D or SPED-404 minimum grade of D).

SPED-400. Vocational/Career Planning For Adolescents With Disabilities. 3 Hours.

Issues in vocation/career planning for special education secondary students utilizing assessment information, interest, and aptitude findings for vocational/ career planning, including methodology, material, resources, and alternative programs.

Prerequisite: SPED-404 minimum grade of C.

SPED-404. Survey Of The Field Of Special Education. 3 Hours.

Review of the legal, psychological, sociological and educational aspects of the lives of children and youth with disabilities including the learning disabled. For students needing 100 hours of clinical experience, arrangements will be made through SPED-404.

SPED-451. Creativity. 3 Hours.

Discussion and inquiry into the nature and nurture of creative ability, review of research in creativity, practical application of creative processes, ways to develop creative thinking.

SPED-454. Teaching Gifted Students In The Regular Classroom. 3 Hours.

Overview of teaching strategies, materials and classroom organization to enhance and foster the potential of student who are gifted and talented.

SPED-466. Assessing Students With Limited English Proficiency (LEP) And Disabilities. 3 Hours.

This course provides an overview of strategies and instruments that can be used to assess the academic and social behavior of pupils with limited English proficiency identified as or suspected of having special education needs.

Prerequisites: SPED-404 minimum grade of C and SPED-409 minimum grade of C and SPED-410 minimum grade of C.

SPED-467. Teaching Students With Limited English Proficiency (LEP) And Disabilities. 3 Hours.

This course will provide a theoretical framework to critically analyze the problems faced by students with LEP and special needs. The focus of the course is on instructional practices and approaches which seem to be effective with handicapped language minority students.

Prerequisites: SPED-404 minimum grade of C and SPED-409 minimum grade of C and SPED-410 minimum grade of C.

SPED-470. Administration And Supervision In Special Education. 3 Hours.

Introduction to special education administration including legal and financial aspects, staff and community relations, mainstreaming, facilities and curricular design; students will have an opportunity to solve problems using case studies and simulated materials.

SPED-481. Principles Of Diagnosis And Teaching The Child With Special Needs Aged Three To Six Years. 3 Hours.

Principles of diagnosis and teaching the young child with special needs. Aspects of assessment include screening, formal and informal tests, and use of diagnostic information to plan individualized educational program. Theory and practice of teaching techniques for the young child with special needs; discussion of the role of the special education teacher in working with other members of the multidisciplinary team and with parents. Current research and issues.

SPED-482. Principles Of Diagnosis & Teaching The Child With Special Needs: Birth To Six Years. 3 Hours.

This course applies the principles of diagnosis and teaching infants, toddlers and young children with special needs. Students will use diagnostic information to design an individual family service plan and individualized education program. Topics include theory and practice of instructional techniques, adaptations, and modifications for infants, toddlers and young children with special needs. Course content will also address the role of the special educator in working with other members of the multidisciplinary team and with parents. Current research and issues will be reviewed.

SPED-483. Working With Parents Of Young Children With Special Needs. 3 Hours.

This course will develop skill in working with families of young (birth to six year old) children with special needs. Issues such as family systems approaches, communication skills, parent empowerment, legal rights and working with service agencies are covered.

SPED-484. Psychology Of Language And Cognitive Development. 3 Hours.

This course introduces the student to the basic concepts of developmental psycholinguistics and the principles of intervention in language processes.

SPED-488. Practicum In Early Childhood Special Education: Teaching Young Children With Special Needs. 3 Hours.

Advanced supervised professional clinical experience in educating young infants, toddlers, or preschoolers with special needs in an appropriate setting; seminar discussions.

Prerequisites: SPED-481 minimum grade of C and SPED-482 minimum grade of C and SPED-483 minimum grade of C and SPED-502 minimum grade of C and (ECED-403 minimum grade of C or ECED-338 minimum grade of C).

SPED-490. Research Seminar In Special Education. 3 Hours.

Review of research literature on special problems in exceptionality. Research project under the supervision of a faculty advisor.

SPED-491. Thesis Credit In Special Education. 3 Hours.

Research project within the area of applicant's field of specialization.

SPED-494. Research Seminar In Exceptionality. 3 Hours.

Experimental method applied in a group research project in a specialized area of exceptionality.

SPED-500. Research I:Special Education. 3 Hours.

Communicate orally and in writing about the current research in the field of special education and how it affects the lives of individuals with special needs.

SPED-501. Characteristics Of Disabilities. 3 Hours.

Review the psychological, sociological and educational aspects of the lives of children and youths with disabilities.

Prerequisite: SPED-500 minimum grade of C.

SPED-502. Language, Learning And Cognition. 3 Hours.

This is a graduate level human development course emphasizing cognitive and language development and acquisition and how these processes impact learning throughout the lifespan. Major learning theories and their implications for practice will be examined. Candidates will examine course concepts from the vantage point of supporting the learning of diverse students.

Prerequisite: SPED-500 minimum grade of C.

SPED-503. Foundations Of Special Education. 3 Hours.

This course examines the historical, philosophical and legal aspects of education that have defined the field of special education.

Prerequisite: SPED-500 minimum grade of C.

SPED-504. Assessment I:Principles Of Educational Assessment In Special Education. 4 Hours.

Special Education 504 establishes a foundational understanding of the principles of assessment. The course presents formal and informal assessment as a means to evaluate and address the academic and/or behavioral needs of students with disabilities. Specifically, the course provides candidates the opportunity to develop professional skills in assessment administration, score interpretation of psychometric and curriculum-based measurements (CBM), utilizing ascertained score results to plan instruction and monitor student progress, a working understanding of the principles and practices of Response to Intervention (RTI), and an attuned understanding of critical considerations in working with students from culturally/linguistically diverse (CLD) backgrounds.

Prerequisites: SPED-500 minimum grade of C and SPED-501 minimum grade of C and SPED-502 minimum grade of C and SPED-503 minimum grade of C.

SPED-505. Consultation & Collaboration. 3 Hours.

This course prepares the special educator to develop collaborative relationships with a variety of stakeholders and to serve as an informed professional resource for school personnel and families. Topics covered include inclusion, consultation needs, conferencing techniques, collaboration models, in-service education and parent education supports and programs. Also, issues, resources and strategies for integration and transition of students from most restrictive to least restrictive environments will be addressed with emphasis on students who exhibit behavioral challenges.

Prerequisites: SPED-500 minimum grade of C and SPED-501 minimum grade of C and SPED-502 minimum grade of C and SPED-503 minimum grade of C.

SPED-506. Instructional & Assistive Technology In Special Education. 3 Hours.

This course prepares special educators to understand, implement and utilize technology, fostering learning and social outcomes within the context of the Least Restrictive Environment. The course examines special technology used in the assessment and implementation of technology. The legal ramifications of selecting and operating assistive devices are also covered. The relationship of technology theory is also included.

Prerequisites: SPED-500 minimum grade of C and SPED-501 minimum grade of C and SPED-502 minimum grade of C and SPED-503 minimum grade of C.

SPED-507. Internship I:Fundamentals Of Teaching. 2 Hours.

Candidates work on-site in special education programs where services are provided for children and youths with special needs with mild to moderate disabilities. The focus of this internship is on assessing student learning needs and making sound instructional recommendations for students with disabilities who access the general education curriculum. Field-based settings allow candidates to engage in assessment, lesson planning and collaborative activities in school settings.

Prerequisites: SPED-500 minimum grade of C and SPED-501 minimum grade of C and SPED-503 minimum grade of C and SPED-504 minimum grade of C.

SPED-508. Methods II: General Curriculum & Methods In Special Education. 3 Hours.

This course addresses general principles of teaching, including the modifications/ adaptations for individuals (P-21) with disabilities who access the general education curriculum. Candidates will apply individualized goals and planning in the context of the general education curriculum.

Prerequisites: SPED-506 minimum grade of C and LTCY-402 minimum grade of C.

SPED-509. Methods I:Specialized Curriculum & Methods In Special Education. 3 Hours.

This course develops candidates' ability to understand the theoretical basis for and implementation of evidence-based strategies to facilitate the meaningful inclusion of students with mild to moderate disabilities in the least restrictive environment. Methodology and strategies to promote development of reading, oral and written expression in the content areas, including language arts, mathematics, science and social studies instruction will be addressed, as well as strategies to support students' social and emotional development. Candidates will demonstrate understanding of Universal Design for Learning to address individual student needs including individual educational goals and objectives.

Prerequisites: SPED-500 minimum grade of C and SPED-501 minimum grade of C and SPED-503 minimum grade of C and SPED-504 minimum grade of C.

SPED-510. Methods III: Strategies Of Behavior Management. 3 Hours.

Application of applied behavior analysis, developmental, cognitive, and other contemporary approaches for behavior management within the context of the Least Restrictive Environment.

Prerequisites: SPED-504 minimum grade of C and SPED-505 minimum grade of C and SPED-506 minimum grade of C and SPED-507 minimum grade of C.

SPED-511. Methods IV: Alternative Programming And Curriculum In Special Education. 3 Hours.

This course addresses the programming and curriculum issues for students with moderate to severe disabilities who, because of the nature of their disabilities require alternative programs and/or curriculum adaptations within the context of the Least Restrictive Environment.

Prerequisites: SPED-507 minimum grade of C and SPED-509 minimum grade of C.

SPED-512. Internship II: Intermediate Teaching. 2 Hours.

The purpose of SPED-512 is to involve candidates in working on site in special education programs where services are provided for children and youths with moderate to severe disabilities. It provides initial special education candidates opportunities to apply and reflect upon elements of teaching including instructional design based on the strengths, characteristics, cultural assets and needs of the learner, assessment of student learning, engagement of the learner and implementation of evidence-based strategies in the field. Candidates will learn more about the collaborative role special educators play within the context of the Least Restrictive Environment.

Prerequisites: SPED-507 minimum grade of C and SPED-509 minimum grade of C.

SPED-513. Assessment II: Applied Diagnostic Testing. 3 Hours.

Techniques of testing and interpretation of tests in educational diagnosis, familiarity with commonly used assessment instruments, techniques and practice in administering individual diagnostic tests, methods of informal assessment, and interpretation of clinical reports.

Prerequisites: SPED-508 minimum grade of C and SPED-509 minimum grade of C and SPED-510 minimum grade of C and SPED-511 minimum grade of C.

SPED-514. Student Teaching In Special Education. 3 Hours.

The candidate will participate in supervised professional experiences in a school setting as a candidate teacher of pupils with disabilities (5-21) in the Least Restrictive Environment. Applied teaching will be combined with seminar discussions and required assignments.

Prerequisites: SPED-513 minimum grade of C and SPED-508 minimum grade of C and SPED-509 minimum grade of C and SPED-510 minimum grade of C and SPED-511 minimum grade of C.

SPED-514B. Applied Diagnostic Teaching In Special Education. 3 Hours.

The candidate will participate in supervised professional experiences in the William Itkin Children's Service Clinic in the role as a graduate clinician. Diagnostic teaching will be combined with seminar discussions and required activities.

Prerequisites: SPED-508 minimum grade of C and SPED-509 minimum grade of C and SPED-510 minimum grade of C and SPED-511 minimum grade of C and SPED-513 minimum grade of C.

SPED-516. Professional Development Of The Special Educator. 1 Hour.

SPED-516 provides special education teacher candidates the opportunity to develop critical skills indicative of a prepared and highly qualified special educator. Candidates will demonstrate the foundational development of cultural competency/reciprocity to work with students from culturally/linguistically diverse (CLD) backgrounds, articulate specific practices/policies regarding professional obligations (e.g., child protection laws, digital etiquette and safety, rights on intellectual property and fair use), discuss collaborative approaches in working with various members of the school/home/community, examine the significance of self-initiated, continuous professional development and improvement for all educators and provide evidence of meeting the professional competencies required of a beginning special educator. Prereq.: All Master of Arts in Special Education coursework (Block I, II and III) prior to student teaching.

SPED-518. Practicum In Special Education. 3 Hours.

The candidate will participate in supervised professional experiences in a school setting as a candidate teacher of pupils with disabilities (5-21) in the Least Restrictive Environment. Applied teaching will be combined with seminar discussions and required assignments.

Prerequisites: SPED-501 minimum grade of C and SPED-503 minimum grade of C and SPED-506 minimum grade of C and SPED-504 minimum grade of C and SPED-509 minimum grade of C and SPED-510 minimum grade of C and SPED-511 minimum grade of C and SPED-513 minimum grade of C.

SPED-519. Collaborative Relationships In Special Education. 3 Hours.

SPED-519 prepares advanced credential special education candidates to develop skills and dispositions, which promote leadership in collaborative relationships relating to students with disabilities in school settings. Collaboration with a variety of stakeholders, including peer teachers, parents, community agencies, and related service providers, will be examined. Topics covered include the culture of schools, conferencing techniques, mentoring new teachers, and in-service education. Clinical experience involves mentoring a novice special education teacher.

SPED-520. Assessment Lab-Applied Diagnostic Assessment. 2 Hours.

The special education graduate programs aim to develop knowledgeable, reflective, and responsive professionals who build learning communities by facilitating cognitive, cultural, affective, and social growth. SPED-520 contributes to this process by providing opportunities for graduate students to apply diagnostic assessment in the parameters of a clinical setting. Graduates students will apply assessment principles to yield quantitative/qualitative results to design an instructional sequence and demonstrate professional reflection and analysis based on video recorded clinical performance.

Prerequisites: SPED-504 minimum grade of C and SPED-508 minimum grade of C and SPED-509 minimum grade of C and SPED-511 minimum grade of C.

SPED-521. Issues & Interventions For Individuals With Autism Spectrum Disorder, Social Communication Disorder. 3 Hours.

This course presents the knowledge and skills necessary for the professional to understand issues and demonstrate interventions appropriate for individuals with Autism, PDD, and low incidence disorders and syndromes. Content will address cognitive, language, and behavioral/social characteristics, methods and applications in working with and on behalf of these individuals. Emphasis will be on supporting and promoting improvements in the areas of behavior and communication.

Prerequisites: SPED-522 minimum grade of C and SPED-523 minimum grade of C.

SPED-522. Foundations & Practices In Challenging Behaviors. 3 Hours.

This course presents the knowledge and skills necessary for the professional to understand the philosophical, historical and legal foundations addressing the management of behavior and to apply various individual and group strategies to meet the needs of individuals who demonstrate challenging behavior in a variety of educational settings.

SPED-523. Educational Assessment & Planning For Positive Behavior Management. 3 Hours.

This course presents the knowledge and skills necessary for the professional to interpret various methods of assessment and diagnoses in order to meet the individual needs of students with emotional and behavioral disorders.

SPED-524. Practicum In Behavior Disorders. 3 Hours.

This course involves candidates in working on-site in special education programs where services are provided for children and youths with behavioral disorders. Through guided support, candidates employ the advanced elements of behavioral intervention and planning, including the assessment and diagnosis of behavioral disorders and use of functional behavioral analyses (FBA) to support effective intervention strategies. These elements will be applied in field-based settings to allow students, through direct interaction and facilitation of learning, to learn more about the children and youths' characteristics and needs and school-based programming within the context of the least restrictive environment (LRE).

Prerequisites: SPED-522 minimum grade of C and SPED-521 minimum grade of C and SPED-523 minimum grade of C.

SPED-525. Alternative Assessment & Test Accommodations. 3 Hours.

This course presents the knowledge and skills necessary for the professional to apply various methods of assessment in order to meet the individual needs of students with disabilities. Content will address alternative assessment methods, test accommodations, and applied curriculum based assessment. The instructor will model collaboration and consultation skills for working with families and other professionals.

SPED-526. Adaptations Of Curriculum. 3 Hours.

This course provides instruction to students in making adaptations and accommodations to the general curriculum based on an understanding of the academic and non-academic needs of learners with special needs. It prepares the learner to understand how students differ in their approaches to learning, and how to design and adapt instruction to engage all learners, promote positive interactions and develop students' intellectual, social and personal development. Course content will also address sources of specialized materials and resources for assistive technology. Methodology to support the curriculum infusion of real life issues will also be addressed.

SPED-527. Language Based Disorders. 3 Hours.

This course addresses the development of auditory and visual symbol systems from the perspective of psycho-neurological learning research. Listening, speaking, reading and written language will be covered. The relationship of these symbol systems to the underlying semiotic function will be emphasized. Diagnosis and remediation of disorders of auditory and visual symbol systems will be covered in depth.

SPED-528. Teaching Mathematics To Individuals With Special Needs. 3 Hours.

This course will address the issues of assessment and remediation in mathematics for individuals with special needs. It is based on the understanding that competence in mathematics is a necessity for effective resolution of psychosocial and cognitive developmental life tasks, and as a means of assuring a good quality of life. Candidates will examine the scope and sequence of mathematics curriculum, assessment of mathematics-based learning disabilities, and strategies for teaching mathematics to learners with special needs.

SPED-529. Curriculum Practicum. 3 Hours.

This course provides opportunities for students to employ, under supervision, methods and procedures useful for the successful support of learners with special needs in the regular education curriculum. Such guided experiences include the use and modification of assessments, development of curriculum for an individual learner, modification and adaptation of curriculum appropriate to the students learning style, modification of learning environments to meet individual needs, monitoring and assessing the success of curriculum adaptations as well as the selection of research supported instructional strategies.

Prerequisites: SPED-526 minimum grade of C and SPED-527 minimum grade of C and SPED-525 minimum grade of C.

SPED-530. Capstone Project. 3 Hours.

This course requires candidates for the LBS II Masters Program to apply relevant research to their area of inquiry and utilize this research to write a master's level research paper or conduct an applied clinical/action research project. While papers and projects are individual in nature, each candidate is expected to follow a prescribed procedure under the direct guidance and supervision of the instructor.

Prerequisites: (SPED-525 minimum grade of C and SPED-526 minimum grade of C and SPED-527 minimum grade of C and SPED-528 minimum grade of C) or (SPED-505 minimum grade of C and SPED-521 minimum grade of C and SPED-522 minimum grade of C and SPED-523 minimum grade of C).

Major in Special Education

Major in Special Education for the Bachelor of Arts Degree

The major in Special Education is designed to meet state teacher licensure requirements by training students to be knowledgeable and skilled regarding the education of all school aged children and adolescents with disabilities. Majors are selected during October to begin studies during the following Spring semester. Majors progress through the program as a cohort. Most coursework is offered during daytime hours.

Admission Requirements

Prospective students apply for admission during Fall semester and must be fully admitted to the University at that time. Minimum admission requirements include:

- 1) Minimum GPA of 2.75 based on all undergraduate work. New students must have successfully completed 12 credit hours at NEIU with a 2.75 or greater GPA if their previous work falls below 2.75.
- 2) One of the following: A passing score on the ILTS- Test of Academic Proficiency (TAP), or a composite ACT Plus Writing score of 22 and a minimum 19 in combined English/writing, or a composite SAT score of 1030 and a minimum 450 in writing.
- 3) A spontaneous writing sample and/or interview required at the discretion of the Department.
- 4) A minimum of 20 hours working, volunteering or observing students with disabilities.
Documentation must be on agency letterhead

Within one semester of admission, students must be admitted to the College of Education. See College of Education admission requirements in that section of the catalog. No more than two grades of "C" or less in professional sequence coursework is allowed. A grade of "D" in any required Special Education course will not be accepted toward the Special Education major. The student may repeat a "D" course once, dependent on departmental review (see program maintenance criteria). If a student fails to get a "C" or better, the student will be dropped as a Special Education major.

All students must maintain a 2.75 GPA. To be entitled for licensure a student must earn a grade of "B" or better in Student Teaching. A 2.75 cumulative G.P.A. is required for graduation.

Program Maintenance Criteria

Students must maintain a minimum 2.75 grade point average every semester. Should the candidate's GPA fall below 2.75 in any semester or the cumulative GPA falls below 2.75, the student is allowed one semester to raise the GPA back to 2.75 or will be dismissed from the program. Education courses completed with a grade less than a "C" must be repeated and the candidate must earn a grade of "C" or above. Education courses refers to any NEIU courses with the following prefixes: EDFN, SPED, ELED, SCED, BLBC, or LTCY.

The candidate must obtain permission from the department's Professional Standards Committee to retake the education course for which a grade lower than "C" was earned.

No more than two grades of "C" are acceptable in professional sequence courses (i.e., any course required for the special education major). If the student earns more than two grades of "C" in professional sequences courses, the student must re-take those courses, no more than once, until grades of "B" or better are earned, or leave the program. The candidate must obtain permission from the department's Professional Standards Committee in order to retake these professional sequence courses.

Students may only repeat a course one time.

All coursework including the removal of incompletes must take place prior to student teaching.

Any course that has been repeated with a final (second) grade of "C," may not be repeated again.

Students must maintain acceptable ratings on all key program assessments in order to progress without interruption through their program. Students who do not meet an acceptable or above rating on any key program assessment must obtain permission from the Program Facilitator to retake the course in which a key program assessment is embedded or to revise the assessment, no more than one time, in order to meet an acceptable rating.

Students must receive acceptable evaluations of their dispositions and professional behaviors in order to progress without interruption through their program. Failing to demonstrate acceptable dispositions and professional behaviors may be grounds for program removal.

Transfer Students

Students transferring to Northeastern Illinois University must have a minimum 2.75 GPA based on a 4.0 system. If the transfer student's GPA is below 2.75, the student must establish a minimum Northeastern Illinois University GPA of 2.75 based upon 12 credit hours. All majors progress through the

program within a cohort. The cohort model fosters professional development. For this reason transfer students must begin the major in January as part of an entering cohort. Advanced standing within the major is not provided.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Requirements for the Bachelor of Arts Degree in Special Education:

The program is divided into three levels. Progress through each level is contingent upon the successful completion of both prescribed coursework and program benchmarks.

Coursework

Level I

Fall I (may be completed prior to acceptance into major)		
EDFN-306	Education And Individual Differences	3
Spring I		
EDFN-307	Psychology Of Instruction And Learning	3
SCED-311	Writing Intensive Program: School Curriculum	3
SPED-371	Writing Intensive Program: Foundations Of Special Education	3
SPED-372	The Development & Characteristics Of Children And Youth With Exceptional Learning Needs	3
Summer I		
SPED-382	Strategies For Differentiating Instruction For Students With Exceptional Learning Needs	3
ELED-302	Writing Intensive Program: Foundation Of Teaching The English Language Arts	3

Level II

Fall II		
SPED-383	Informal Assessment And Progress Monitoring	3

SPED-374	Supervised Field Experience I	3
SPED-395	Technology And Special Education	3
ELED-310	Elementary And Middle School Math Methods	3
Spring II		
SPED-384	Instructional Design For Individuals With Exceptional Learning Needs	3
SPED-377	Supervised Field Experience II	3
LTCY-311	Fundamentals Of Literacy Instruction	3
SPED-379	Managing Behaviors In The Classroom	3
Summer II		
SPED-376	Teaching Learners With Moderate To Severe Disabilities	3
Level III		
Fall III		
SPED-323	Consultation In Special Education	3
BLBC-340	Teaching English Learners In Diverse Classrooms	3
SPED-385	Community Partnership And Advocacy	2
SPED-316	Professional Development Of The Special Educator	1
SCED-303H	Methods Of Teaching History In The Secondary School (OR SCED 303R)	3
Spring III		
SPED-381	Student Teaching Sped	12
Total Hours		72

Undergraduate Special Education Program Benchmarks

Students must complete all benchmarks for each level before allowed to progress to the next level.

Level 1

Successful completion of all coursework at this level and completion of the following:

1. Minimum overall GPA of 2.75
2. No more than two grades of "C" or less in professional sequence coursework (see Program Maintenance Criteria)
3. Acceptable or above ratings on all key program assessments and associated professional standards
4. Acceptable or above ratings on all diversity proficiencies and technology proficiencies
5. Acceptable or above evaluations of dispositions and professional behaviors
6. Professional sequence course retaken once if grade lower than "C" and if approved by department (see Program Maintenance Criteria)
7. Admission to the College of Education
8. Meeting all expectations and requirements set forth by the Clinical Experience and Student Teaching (CEST) Office (<http://www.neiu.edu/academics/college-of-education/clinical-experiences-and-student-teaching>)

Level 2

Successful completion of all coursework at this level, all of the Level 1 criteria plus:

1. Passing score (<http://www.il.nesinc.com>) on the Learning Behavior Specialist (LBS) I state exam (#155) and the Special Education General Curriculum exam (#163) prior to student teaching (SPED 381)
2. Ability to meet standard for acceptable professional writing
3. Grade of "B" or above in clinical experiences

Level 3

Successful completion of all coursework at this level, all of the Level 1 and 2 criteria plus:

1. Grade of "B" or above in student teaching
2. Completion of acceptable program portfolio
3. Completion of the Teacher Performance Assessment (edTPA) during student teaching

Exit Requirements for Degree Completion

Successful completion of Levels one through three, with exception of passing score on edTPA.

In addition to the successful completion of the Special Education major and cognate, students must complete the general education requirements. Transfer students should meet with an advisor before registering for general education courses. Students must complete NEIU General Education Program.

Minimum credit hours for degree: 120 credit hours.

Exit Requirements for Program Completion/Entitlement

Successful completion of Levels one through three, with evidence of passing score on edTPA

Notes: Currently, the ISBE requires licensure candidates to pass the APT exam. This regulation is in the process of being changed. Please check with your advisor or the department chair about the status of the APT exam.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
ENGL-101	Writing I	3
Behavioral/Social Science course		3
Humanities course		3
Math (College Level) course		3
Term Hours		12
Term 2		
ENGL-102	Writing II	3
Behavioral/Social Science course		3
Humanities course		3
Natural Science course		3
Term Hours		12

Second Year

Term 1		
CMTC-101 or 202	Public Speaking	3
Behavioral/Social Science course		3
Natural Science (Lab)		3
Humanities Course		3
Term Hours		12
Term 2		
Behavioral/Social Science course		3
Natural Science course		3
Fine Arts course		3
Fine Arts course		3
Term Hours		12

Third Year

Term 1		
EDFN-306	Education And Individual Differences	3
Term Hours		3
Term 2		
EDFN-307	Psychology Of Instruction And Learning	3
SCED-311	Writing Intensive Program: School Curriculum	3
SPED-371	Writing Intensive Program:Foundations Of Special Education	3
SPED-372	The Development Characteristics Of Children And Youth With Exceptional Learning Needs	3
Term Hours		12

Term 3		
SPED-382	Strategies For Differentiating Instruction For Students With Exceptional Learning Needs	3
ELED-302	Writing Intensive Program: Foundation Of Teaching The English Language Arts	3
		Term Hours 6
Fourth Year		
Term 1		
SPED-383	Informal Assessment And Progress Monitoring	3
SPED-374	Supervised Field Experience I	3
SPED-395	Technology And Special Education	3
ELED-310	Elementary And Middle School Math Methods	3
		Term Hours 12
Term 2		
SPED-384	Instructional Design For Individuals With Exceptional Learning Needs	3
SPED-377	Supervised Field Experience II	3
SPED-379	Managing Behaviors In The Classroom	3
LTCY-311	Fundamentals Of Literacy Instruction	3
		Term Hours 12
Term 3		
SPED-376	Teaching Learners With Moderate To Severe Disabilities	3
		Term Hours 3
Fifth Year		
Term 1		
SPED-323	Consultation In Special Education	3
SPED-385	Community Partnership And Advocacy	2
BLBC-340	Teaching English Learners In Diverse Classrooms	3
SPED-316	Professional Development Of The Special Educator	1
SCED-303H	Methods Of Teaching History In The Secondary School	3
OR SCED 303R Materials and Methods for Teaching High School Science		
		Term Hours 12
Term 2		
SPED-381	Student Teaching Sped	12
		Term Hours 12
		Total Hours: 120

Master of Arts in Gifted Education

Students must fulfill the requirements for admission to the College of Graduate Studies and Research.

All applicants are required to have two letters of recommendation submitted in support of their applications. These letters should be addressed directly to the Dean of the College of Graduate Studies and Research. The recommendations should be made by persons who have had a supervisory relationship with the applicant in a teaching situation. For applicants to the Master of Arts in Special Education with little or no prior teaching experience, letters will be accepted from student teaching supervisors or from professors of education who have observed the applicant's potential as a teacher in the area of Special Education.

For the Master of Arts in Gifted Education and Master of Science in Special Education letters from school administrators and professional colleagues will be accepted.

Advisement

All students will be assigned an advisor. Students will plan their programs in consultation with their advisors.

Course Requirements for Master of Arts in Gifted Education

Prerequisite Course Requirements for Master of Arts in Gifted Education: Students must have a current teaching license.

GIFT-450	Psychology Of Individuals Who Are Gifted And Talented	3
EDFN-451	Research Methods	3
SPED-451	Creativity	3
GIFT-454	Teaching Gifted Students In The Inclusive Classroom	3
GIFT-456	Parenting And Advocacy For Individuals Who Are Gifted And Talented	3
GIFT-462	Identifying And Providing For Underserved Gifted Students ¹	3
GIFT-458	Meeting Gifted Students' Social-Emotional Needs ¹	3
GIFT-453	Seminar In Curriculum And Materials For The Gifted ¹	3
GIFT-452	Education Of Individuals Who Are Gifted And Talented ²	3
GIFT-459	Field Demonstration In Gifted Education	3
Total Hours		30

¹ Prerequisite: GIFT-450 or GIFT-454

² Prerequisite: GIFT-453

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1	Hours	
GIFT-450	Psychology Of Individuals Who Are Gifted And Talented	3
Term Hours		3
Term 2	Hours	
EDFN-451	Research Methods	3
Term Hours		3
Term 3	Hours	
SPED-451	Creativity	3
GIFT-454	Teaching Gifted Students In The Inclusive Classroom	3
Term Hours		6
Second Year	Hours	
Term 1	Hours	
GIFT-453	Seminar In Curriculum And Materials For The Gifted	3
Term Hours		3

Term 2			
GIFT-452	Education Of Individuals Who Are Gifted And Talented		3
	Term Hours		3
Term 3			
GIFT-462	Identifying And Providing For Underserved Gifted Students		3
	Term Hours		3
Third Year			
Term 1			
GIFT-456	Parenting And Advocacy For Individuals Who Are Gifted And Talented		3
	Term Hours		3
Term 2			
GIFT-458	Meeting Gifted Students' Social-Emotional Needs		3
	Term Hours		3
Term 3			
GIFT-459	Field Demonstration In Gifted Education		3
	Term Hours		3
	Total Hours:		30

Master of Arts in Special Education

Students must fulfill the requirements for admission to the College of Graduate Studies and Research.

All applicants are required to have two letters of recommendation submitted in support of their applications. These letters should be addressed directly to the Dean of the College of Graduate Studies and Research. The recommendations should be made by persons who have had a supervisory relationship with the applicant in a teaching situation. For applicants to the Master of Arts in Special Education with little or no prior teaching experience, letters will be accepted from student teaching supervisors or from professors of education who have observed the applicant's potential as a teacher in the area of Special Education.

For the Master of Arts in Gifted Education and Master of Science in Special Education letters from school administrators and professional colleagues will be accepted.

Advisement

All students will be assigned an advisor. Students will plan their programs in consultation with their advisors.

Course Requirements for Master of Arts in Special Education, First License

Student Requirements

Graduate students (<http://www.neiu.edu/academics/college-of-education/departments/special-education>) seeking their initial teaching license must complete the following 47-hour entitlement sequence as part of the requirement for the Learning Behavior Specialist I (LBS I) endorsement. In this program, students will be required to complete two field-based clinical experiences arranged by the College of Education's Clinical Experience and Student Teaching (CEST) Office, in addition to a full-time sixteen week student teaching experience in an approved school setting or an on campus site practicum for licensed teachers.

Admission Requirements

1. Prospective students apply for admission to the program through the College of Graduate Studies and Research (<http://www.neiu.edu/academics/graduate-college>).
2. Graduate students are admitted for Fall and Spring semesters.
3. Bachelor's degree (within or outside of education)
4. Minimum undergraduate GPA of 2.75 (4-point scale). Previous graduate credit is also taken into consideration, when appropriate.
5. One of the following current within ten years: A passing score on the ILTS-Test of Academic Proficiency (<http://www.il.nesinc.com>) (TAP), or a composite ACT Plus Writing score of 22, or a composite SAT score of 1030. **For candidates who have not yet taken one of these exams, the ACT is recommended.**
6. Spontaneous writing sample and/or interview at the discretion of the Department.

NOTE: Prospective students who miss the deadline for admission to the College of Graduate Studies and Research may apply for Graduate Student-at-Large (SAL) status. As SAL, students are allowed to take up to nine (9) credit hours of graduate coursework which may transfer to their program upon full acceptance and advisor approval.

MA-LBS I Program Maintenance Criteria

- Candidates must maintain acceptable ratings on all key program assessments in order to progress without interruption through their program. Candidates who do not meet an acceptable or above rating on any key program assessment must obtain permission from the Department of Special Education's Professional Standards Committee to retake the course in which a key program assessment is embedded or to revise the assessment, no more than one time, in order to meet an acceptable rating.
- Candidates must earn acceptable evaluations of their dispositions and professional behaviors in order to progress without interruption through their program.
- Candidates must maintain a GPA of 3.00 or above throughout the program. Earning a GPA below 3.00 in any semester will result in recommendation for dismissal from the program.
- A maximum of 2 grades of "C" is accepted. Earning a third grade of "C" or below will result in recommendation for dismissal from the program.
- Candidates must continue to meet the expectations set forth by the College of Graduate Studies and Research and College of Education.

Master of Arts in Special Education (LBS I) Program Sequence

Block I		
SPED-500	Research I:Special Education	3
SPED-501	Characteristics Of Disabilities	3
SPED-502	Language, Learning And Cognition	3
SPED-503	Foundations Of Special Education	3
SPED-504	Assessment I:Principles Of Educational Assessment In Special Education	4
Block II		
LTCY-402	Issues In Literacy Instruction	3
SPED-506	Instructional & Assistive Technology In Special Education	3
SPED-507	Internship I:Fundamentals Of Teaching	2
SPED-509	Methods I:Specialized Curriculum & Methods In Special Education	3
Block III		
SPED-505	Consultation & Collaboration	3
SPED-508	Methods II: General Curriculum & Methods In Special Education ¹	3
SPED-511	Methods IV:Alternative Programming And Curriculum In Special Education	3
SPED-512	Internship II: Intermediate Teaching ²	2
Block IV		
SPED-510	Methods III: Strategies Of Behavior Management	3
SPED-520	Assessment Lab-Applied Diagnostic Assessment ³	2
SPED-516	Professional Development Of The Special Educator ³	1
SPED-514	Student Teaching In Special Education ⁴	3
Total Hours		47

¹ Prerequisite: SPED-509, LTCY-402, SPED-506

² Prerequisites: SPED-507, SPED-509

³ Prerequisite: Block I, II, and III

⁴ (Prerequisites: All other LBS I coursework must be completed prior to student teaching. ICTS exams #155 and #163 must be passed prior to student teaching.) Key program assessments including ILTS Content-area tests [i.e., ILTS Content-area test: LBS I (#155), Special Education General Curriculum (Test#163)] must be passed prior to student teaching.

Additional Program Completion/Entitlement Requirements

Candidates must pass the Teacher Performance Assessment (edTPA) for program completion and entitlement.

Note: The Illinois State Board of Education no longer requires candidates to pass the APT exam.

Program Benchmarks

Students must complete all benchmarks for each level before being allowed to progress to the next level. Students cannot obtain more than two grades of "C" in graduate work as per the College of Graduate Studies and Research Policy.

Level I

- Successful completion of Block I coursework.
- Minimum GPA of 3.00
- Completion of any deficiencies for those students admitted conditionally
- Beginning student portfolio
- Demonstration of appropriate professional teaching behaviors and dispositions
- Passing key program assessments associated with level I

Level II

- Successful completion of Block II coursework.
- Minimum GPA of 3.00
- Current student portfolio
- Grade of "B" or above in SPED-507
- Demonstration of appropriate professional teaching behaviors and dispositions

- Passing key program assessments associated with level II

Level III

- Successful completion of Block III coursework.
- Minimum GPA of 3.00
- Current student portfolio
- Demonstration of appropriate professional teaching behaviors and dispositions
- Grade of "B" or above in SPED-512
- Passing key program assessments associated with level III
- Passing score on the ILTS Content Area (<http://www.il.nesinc.com>) Learning Behavior Specialist (LBS I) exam (#155) and the ILTS Special Education (<http://www.il.nesinc.com>) General Curriculum exam (#163)

Level IV

- Successful completion of Block IV coursework.
- Minimum GPA of 3.00
- Completed student portfolio
- Demonstration of appropriate professional teaching behaviors and dispositions
- Passing key program assessments associated with level IV
- Grade of "B" or above in student teaching
- Completion of the ILTS Teacher Performance Assessment (edTPA (<http://www.neiu.edu/academics/college-of-education/edtpa>))

Exit Requirements for Degree Completion

Successful completion of Blocks I-IV and corresponding level requirements, 47 hours, with exception of edTPA. **NOTE: Candidates who apply for and graduate the program without passing the edTPA will no longer be eligible for entitlement.**

Exit Requirements for Program Completion/Entitlement

Successful completion of Blocks I-IV and corresponding level requirements, 47 hours, and passage of edTPA.

LBS I-Focus Program in Special Education

Program's purpose:

In order to meet the needs of licensed teachers seeking endorsement in Special Education (SPED): Learning Behavior Specialist I (LBS I), the Department of Special Education is offering the LBS I Focus Program. This program leads to the full Pk-21 LBS I Endorsement.

Admission requirements:

In order to be accepted into the program, candidates must first apply to the College of Graduate Studies and Research (graduate-college). (<http://www.neiu.edu/academics/graduate-college>) Candidates must meet all conditions of the College of Graduate Studies and Research to be eligible for admission and retention in the program. In addition, candidates must hold a valid Illinois Professional Educator License (with endorsement in any of the following: elementary, early childhood or one content area in secondary education).

Program requirements and sequence:

- Upon entrance to the program: Candidates must schedule an academic consultation (in-person or online) with the Focus Program Advisor to develop a course sequence plan. The Focus Program Advisor will determine an appropriate course sequence plan based on the candidate's professional skills, experience, and academic history.
- Each candidate must complete a minimum of 21 out of 27 hours at Northeastern (including an in person practicum course). Courses in the Focus program are delivered either online or in person. Coursework will include:

SPED-501	Characteristics Of Disabilities	3
SPED-503	Foundations Of Special Education	3
SPED-504	Assessment I:Principles Of Educational Assessment In Special Education	4
SPED-506	Instructional & Assistive Technology In Special Education	3
SPED-509	Methods I:Specialized Curriculum & Methods In Special Education	3
SPED-510	Methods III: Strategies Of Behavior Management	3
SPED-511	Methods IV:Alternative Programming And Curriculum In Special Education	3
SPED-520	Assessment Lab-Applied Diagnostic Assessment	2

SPED-514B

Applied Diagnostic Teaching In Special Education

3

- SPED-514B Additional courses may be added to the aforementioned sequence to meet any professional deficiencies presented by the candidate as determined by the Focus Program Advisor.
- All candidates must perform practicum work (SPED-514B) in the *William Itkin Children 's Service Center*, located on the Northeastern main campus. **Candidates in the Online Focus LBS I Program who live outside a 50 mile radius from the university may complete the practicum experience at their school.** Prior to enrollment in SPED-514B, candidates must successfully pass the Illinois Licensure Testing System content tests, Learning Behavior Specialist I (#155) and Special Education General Curriculum (#163), and satisfactorily complete all requisite coursework for the endorsement prior to program completion.
- Special note: Candidates holding an Illinois Professional Educator License interested in obtaining an emergency special education approval prior to completing the Focus program must enroll in SPED-404 and either SPED-501 or SPED-504, as this course combination would satisfy two of the four areas required by the State of Illinois for the approval (per 23 ILAC 226.810.b).
- Candidates must maintain the conditions set forth by the College of Graduate Studies and Research for retention in the program.
- Candidates must maintain a GPA of 3.0 or above throughout the program. Earning a GPA below 3.0 in any semester will result in immediate removal from the program.
- A maximum of two (2) grades of "C" is accepted. Earning a third grade of "C" or below will result in immediate removal from the program.
- Candidates must demonstrate satisfactory performance to the professional disposition standards. Failure to meet professional disposition standards will result in remediation, suspension, or removal from the program as determined by Department of Special Education faculty.

Applying the Focus Program to the LBS II Master's degree:

Candidates who have completed all of the requirements for the LBS I Focus program may complete the appropriate coursework necessary to earn a Learning Behavior Specialist II (LBS II) endorsement. Two LBS II endorsements on the Professional Education License paths are offered in the Department of Special Education. These include (a) Curriculum Adaptation Specialist (CAS) and (b) Behavior Intervention Specialist (BIC). Candidates interested in applying their LBS I Focus program coursework toward a Master's degree must submit a written statement to the Focus Program Advisor and the College of Graduate Studies and Research indicating their intention to begin LBS II coursework, and submit a change of program form to the Focus Program Advisor. The courses required for the LBS II (in either CAS or BIS) include five (5) courses plus an additional capstone experience course. To obtain an endorsement on the Professional Education License in either CAS or BIS, candidates must also pass the Illinois Licensure Testing System content test for the respective area.

Course Requirements for the Early Childhood Special Education Approval

There are four required courses for the Early Childhood Special Education Approval. These are SPED 502 or ECED 408, SPED 482, SPED 483 and ECED 403. The approval must be attached to a valid IL Professional Educator License endorsed for either (a) standard early childhood (0 - grade 3) or (b) standard special pre-school - age 21 endorsed LBS I OR standard elementary and standard secondary endorsed LBS I.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
SPED-500	Research I:Special Education	3
SPED-501	Characteristics Of Disabilities	3
SPED-503	Foundations Of Special Education	3
Term Hours		9
Term 2		
SPED-502	Language, Learning And Cognition	3
SPED-504	Assessment I:Principles Of Educational Assessment In Special Education	4
LTCY-402	Issues In Literacy Instruction	3
Term Hours		10

Second Year

Term 1		
SPED-506	Instructional Assistive Technology In Special Education	3
SPED-509	Methods I:Specialized Curriculum Methods In Special Education	3
SPED-507	Internship I:Fundamentals Of Teaching	2

	Term Hours	8
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Term 2		
SPED-505	Consultation Collaboration	3
SPED-508	Methods II: General Curriculum Methods In Special Education	3
SPED-512	Internship II: Intermediate Teaching	2

	Term Hours	8
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Third Year

Term 1		
SPED-510	Methods III: Strategies Of Behavior Management	3
SPED-511	Methods IV:Alternative Programming And Curriculum In Special Education	3
SPED-520	Assessment Lab-Applied Diagnostic Assessment	2
SPED-516	Professional Development Of The Special Educator	1

	Term Hours	9
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Term 2		
SPED-514	Student Teaching In Special Education	3

	Term Hours	3
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	Total Hours:	47
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Master of Science in Special Education (LBS II)

Candidates successfully completing the Master of Science in Special Education will be able to obtain an endorsement in the areas of Learning Behavior Specialist II (LBS II) Curriculum Adaptation Specialist (CAS) or Behavior Intervention Specialist (BIS) or both. **The LBS II is offered in a hybrid format with only 3 face-to-face Saturday classes each semester.**

The three master's degree options are:

1. Combined Curriculum Adaptation Specialist (CAS) and Behavior Intervention Specialist (BIS) master's program,
2. CAS-only master's program, and
3. BIS-only master's program.

The CAS core courses prepare candidates to work collaboratively with the general education program professionals to include students with disabilities. These courses focus on making adaptations and modifications to curriculum and instruction for individuals with special needs in inclusive classroom settings. The BIS core courses prepare candidates in assessment and intervention for students who exhibit emotional and/ or behavioral challenges in a variety of settings such as public schools, therapeutic day schools and alternative settings. The CAS and BIS core courses are embedded in three master's degree program options.

The **Combined CAS-BIS** masters degree program option is a 30 credit hour program designed to provide advanced training in the areas of curriculum adaptations and behavior intervention for licensed special education teachers, holding an LBS I (P-21) endorsement on the Professional Education License. It leads to preparation for an additional endorsement of Learning Behavior Specialist II in Curriculum Adaptation Specialist (CAS) and Behavior Intervention Specialist (BIS). For the combined CAS-BIS program, candidates will complete the following: the CAS core coursework and the BIS core coursework, plus a three semester hour capstone experience project.

The **CAS-only** option is a 30-hour masters level program designed to offer an endorsement in the CAS area only. Candidates will complete the following: the fifteen semester hour CAS core courses, plus four additional graduate electives (12 semester hours), and the capstone experience course (three semester hours).

The **BIS-only option** is a 30-hour masters level program designed to offer an endorsement in the BIS area only. Candidates will complete the following: the fifteen semester hour BIS core courses, plus four additional graduate electives (12 semester hours), and the capstone experience course (three semester hours).

Requirements for Admission to the Master of Science Degree Program:

Applicants must fulfill the requirements for admission to the College of Graduate Studies and Research. In addition, applicants must hold an LBS I (K-12 or P-21), Blind and Visually Impaired (or equivalent), Deaf/Hard of Hearing (or equivalent) or Speech-Language Pathology on a type 10 and have passed the ILTS Content Test for that credential. Candidates should also have passed the Assessment of Professional Teaching (APT) for the full grade range. A spontaneous writing sample and department interview are required at the discretion of the Department.

Course Requirements for Master of Science in Special Education (LBS II)

Combined CAS-BIS Program/MS Option:

SPED-522	Foundations & Practices In Challenging Behaviors	3
SPED-523	Educational Assessment & Planning For Positive Behavior Management	3
SPED-521	Issues & Interventions For Individuals With Autism Spectrum Disorder, Social Communication Disorder	3
SPED-519	Collaborative Relationships In Special Education	3
SPED-524	Practicum In Behavior Disorders ¹	3
SPED-526	Adaptations Of Curriculum	3
SPED-527	Language Based Disorders	3
SPED-525	Alternative Assessment & Test Accommodations	3
SPED-529	Curriculum Practicum ²	3
SPED-530	Capstone Project ³	3
Total Hours		30

¹ taken after BIS core courses (SPED 521, 522 and 523)

² taken after CAS core courses (SPED 525, 526 and 527)

³ taken after BIS and CAS core courses

CAS-Only Program/MS Option:

SPED-526	Adaptations Of Curriculum	3
SPED-527	Language Based Disorders	3
SPED-519	Collaborative Relationships In Special Education	3
SPED-525	Alternative Assessment & Test Accommodations	3
SPED-529	Curriculum Practicum ¹	3
Four graduate elective courses		
SPED-530	Capstone Project ²	3
Subtotal		30

¹ taken after CAS core courses (SPED 525, 526 and 527)

² taken any time after CAS core courses plus at least 24 hours

BIS-Only Program/MS Option:

SPED-522	Foundations & Practices In Challenging Behaviors	3
SPED-523	Educational Assessment & Planning For Positive Behavior Management	3
SPED-521	Issues & Interventions For Individuals With Autism Spectrum Disorder, Social Communication Disorder	3
SPED-519	Collaborative Relationships In Special Education	3
SPED-524	Practicum In Behavior Disorders ¹	3
Four graduate elective courses		
SPED-530	Capstone Project ²	3
Subtotal		30

¹ Taken after BIS core courses (SPED 521, 522, and 523).

² Taken anytime after BIS core courses plus at least 24 hours.

There are three endorsement-only options:

- Endorsement-only LBS II CAS (15 hours)
- Endorsement-only LBS II BIS (15 hours)
- Endorsement-only LBS II CAS and BIS (25 hours)

Students take the core courses and the ILTS Content Test (LBS II CAS or BIS or both).

Program Retention Requirements:

- GPA 3.00
- Appropriate Professional Dispositions
- Maintain a current Program Portfolio
- Acceptable rating on applicable key program assessments

Program Exit Requirements:

- ILTS Content Test (LBS II CAS or BIS or both)
- Acceptable rating on all key assessments
- Successful rating on program portfolio
- Successful completion of all required electives
- Successful completion of the capstone experience project

This sample curricular map is provided to guide you in the planning of your progression for the LBS II-Behavior Intervention Specialist (BIS) or LBS I Curriculum Adaptation Specialist (CAS) program. This recommended guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor. **NOTE:** Term 1 = Fall, Term 2 = Spring, Term 3 = Summer.

Master of Science in Behavior Intervention Specialist (BIS) (30 hours):**First Year**

Term 1	Hours
SPED-522	Foundations Practices In Challenging Behaviors 3

SPED-523	Educational Assessment Planning For Positive Behavior Management	3
		6
Term 2		
SPED-521	Issues Interventions For Individuals With Autism Spectrum Disorder, Social Communication Disorder	3
SPED-519	Collaborative Relationships In Special Education	3
Elective Course Exam 156		3
		9
Term 3		
Elective Course		3
Elective Course		3
Elective Course		3
		9
Second Year		
Term 1		
SPED-524	Practicum In Behavior Disorders	3
SPED-530 Portfolio	Capstone Project	3
		6
		30

Master of Science in Curriculum Adaptation Specialist (CAS) (30 hours):

		Hours
First Year		
Term 1		
SPED-526	Adaptations Of Curriculum	3
SPED-527	Language Based Disorders	3
		6
Term 2		
SPED-525	Alternative Assessment Test Accommodations	3
SPED-519	Collaborative Relationships In Special Education	3
1 Elective course Exam 158		3
		9
Term 3		
Elective Course		3
Elective Course		3
Elective Course		3
		9
Second Year		
Term 1		
SPED-529	Curriculum Practicum	3
SPED-530 Portfolio	Capstone Project	3
		6
		30

Master of Science- Dual CAS and BIS Program (30 hours) -PLAN A (see Plan B after this chart)

First Year		Hours
Term 1		
SPED-526	Adaptations Of Curriculum	3
SPED-527	Language Based Disorders	3
		Term Hours 6
Term 2		
SPED-521	Issues Interventions For Individuals With Autism Spectrum Disorder, Social Communication Disorder	3
SPED-525	Alternative Assessment Test Accommodations	3
Plus Exam 158		
		Term Hours 6
Term 3		
SPED-519	Collaborative Relationships In Special Education	3
SPED-529	Curriculum Practicum	3
		Term Hours 6
Second Year		
Term 1		
SPED-522	Foundations Practices In Challenging Behaviors	3
SPED-523	Educational Assessment Planning For Positive Behavior Management	3
		Term Hours 6
Term 2		
SPED-524	Practicum In Behavior Disorders	3
SPED-530	Capstone Project	3
Plus Exam 156		
Portfolio		
		Term Hours 6
		Total Hours: 30

Master of Science- Dual BIS and CAS Program (30 hours) PLAN B:

First Year		Hours
Term 1		
SPED-522	Foundations Practices In Challenging Behaviors	3
SPED-523	Educational Assessment Planning For Positive Behavior Management	3
		Term Hours 6
Term 2		
SPED-521	Issues Interventions For Individuals With Autism Spectrum Disorder, Social Communication Disorder	3
SPED-525	Alternative Assessment Test Accommodations	3
Plus Exam 156		
		Term Hours 6
Term 3		
SPED-519	Collaborative Relationships In Special Education	3

SPED-524	Practicum In Behavior Disorders	3
		Term Hours
		6
Second Year		
Term 1		
SPED-526	Adaptations Of Curriculum	3
SPED-527	Language Based Disorders	3
		Term Hours
		6
Term 2		
SPED-529	Curriculum Practicum	3
SPED-530	Capstone Project	3
Plus Exam 158		
Portfolio		
		Term Hours
		6
		Total Hours:
		30

Endorsement Only: Behavior Intervention Specialist (BIS)

		Hours
First Year		
Term 1		
SPED-522	Foundations Practices In Challenging Behaviors	3
SPED-523	Educational Assessment Planning For Positive Behavior Management	3
		Term Hours
		6
Term 2		
SPED-521	Issues Interventions For Individuals With Autism Spectrum Disorder, Social Communication Disorder	3
SPED-519	Collaborative Relationships In Special Education	3
Exam 156		
		Term Hours
		6
Term 3		
SPED-524	Practicum In Behavior Disorders	3
		Term Hours
		3
		Total Hours:
		15

Endorsement Only: Curriculum Adaptation Specialist (CAS)

		Hours
First Year		
Term 1		
SPED-526	Adaptations Of Curriculum	3
SPED-527	Language Based Disorders	3
		Term Hours
		6
Term 2		
SPED-525	Alternative Assessment Test Accommodations	3
SPED-519	Collaborative Relationships In Special Education	3
Exam 158		
		Term Hours
		6

Term 3		
SPED-529	Curriculum Practicum	3
	Term Hours	3
	Total Hours:	15

Teacher Education

The Teacher Education Department offers a variety of undergraduate and graduate programs for pre-service and in-service teachers. While some department programs are organized with an orientation to preparing teachers for specific age/grade levels, it is the departmental goal to develop programs with a broader and more integrated perspective which acknowledges the theoretical base common to teacher education programs for all age levels. To achieve this goal, the resources of all of the following programs in the Teacher Education Department are being utilized:

Teacher Education Departmental Policy On Transfer Of Professional Education Courses in to Undergraduate Teacher Education Programs

Students who are admitted to an undergraduate program in Teacher Education or to the TLP Program (licensure only) may be credited with a maximum of 9 credit hours of professional education coursework provided that:

1. The specific transfer coursework is deemed to be equivalent in scope and credit hours to the required coursework in the respective NEIU Teacher Education program as stated in the current NEIU Catalog.
2. The specific transfer coursework has been completed within five years of the time of acceptance into the undergraduate NEIU Teacher Education Department or TLP Program.
3. The specific transfer coursework was credited with a "B" grade or better.

Teacher Education Departmental Policy on "Field Experience Only" Requests

All students who seek to enroll in clinical experiences or student teaching in any approved Teacher Education program are required to be admitted to either an undergraduate program, a second B.A. program, TLP program or MAT program. No student with a "student-at-large" status will be admitted to clinical or student teaching experience. No student will be permitted to take clinical experience/ student teaching at NEIU unless they have successfully completed one of our program's requirements.

Focus Program for Subsequent Teaching Licensure

In accordance with the Illinois State Board of Education and the Illinois Administrative Code Section 25, Northeastern Illinois University now offers a Focus Program for teachers who hold a valid and current Illinois Teaching License.

The Focus Program allows licensed teachers to obtain subsequent endorsements in the area of Elementary Education and Early Childhood Education.

Candidates who complete a full focus subsequent endorsement program will be recommended for the endorsement. For further information, please contact the Teacher Education Department at (773) 442-5380.

Bilingual/Bicultural Education

- Major in Elementary Education (<http://catalog.neiu.edu/archive/2016-2017/education/teacher-education/elementary-education>) with Bilingual Endorsement

Early Childhood Education

- Major in Early Childhood Education (<http://catalog.neiu.edu/archive/2016-2017/education/teacher-education/early-childhood-education>)

Elementary Education

- Major in Elementary Education (<http://catalog.neiu.edu/archive/2016-2017/education/teacher-education/elementary-education>)

Bilingual/Bicultural Education

- Master of Arts in Teaching in Language Arts (Elementary Education (<http://catalog.neiu.edu/archive/2016-2017/education/teacher-education/master-arts-teaching>)) with Bilingual Education Endorsement

Early Childhood Education

- Master of Arts in Teaching in Early Childhood Education (<http://catalog.neiu.edu/archive/2016-2017/education/teacher-education/master-arts-teaching-early-childhood-education>)

Elementary Education

- Master of Arts in Teaching in Language Arts (Elementary Education (<http://catalog.neiu.edu/archive/2016-2017/education/teacher-education/master-arts-teaching>))
- Master of Science in Teaching & Inquiry (<http://catalog.neiu.edu/archive/2016-2017/education/teacher-education/master-science-teaching-inquiry>) (Early Childhood, Bilingual and Elementary Education)

Maria Teresa Garreton, Ph.D., Professor, Chair
 Rachel A. Adeodu, Ph.D., Associate Professor
 Lorie A. Annarella, Ed.D., Associate Professor
 Elaine Pierce Chakonas, Ed.D., Associate Professor
 Amina Chaudri, Ph.D., Assistant Professor
 Yi Hao, Ph.D., Associate Professor
 Eileen Kaiser, Ph.D., Associate Professor
 Hyewon (Hanna) Kim, Ph.D., Assistant Professor
 Alberto Lopez-Carrasquillo, Ph.D., Associate Professor
 Hector Morales, Ph.D., Assistant Professor
 Selina Mushi, Ph.D., Associate Professor
 Ngoc-Diep T. Nguyen, Ph.D., Associate Professor
 Steven Wolk, Ed.D., Professor, Associate Chair
 Judith Yturriago, Ph.D., Associate Professor

Bilingual/Bicultural Education

BLBC-301. Curriculum Of The Elementary School. 3 Hours.

The relationship of theory to practice is studied in a variety of elementary and middle school curricula. Analyses and interpretations of teaching-learning processes are conducted. Special attention is directed to: (1) instructional objectives in planning, (2) application of theories of child development, learning, classroom management, and instructional methodology to multicultural curriculum development, (3) unit and lesson planning, and (4) evaluation techniques. Strategies for meeting the needs of students with special needs are explored.

Prerequisites: EDFN-306 minimum grade of C and College of Education Admission YES.

Corequisite: BLBC-302.

BLBC-302. Writing Int Prog: Foundations Of Teaching Language Arts To Culturally & Linguistically Diverse Stdnt. 3 Hours.

This course is designed to provide BLBC candidates with an overview of the theory, best practices, curriculum design and materials used in teaching language arts in K-8 classrooms. Language arts instruction includes the mastery of six language arts competencies: reading, writing, listening, talking, viewing and visual representation, and also emphasizes integration of the arts including drama, movement and vocal expression. This course addresses differentiating instruction to meet the needs of culturally and linguistically divers (CLD) diverse learners with attention to special needs students and English learners (ELs). BLBC-302 WIP is a writing intensive course affording students the opportunity to demonstrate competency in writing in various genres throughout the course.

Prerequisite: College of Education Admission YES.

Corequisite: BLBC-301.

BLBC-306A. Literacy Development For Culturally & Linguistically Diverse Students. 3 Hours.

This course enables teacher candidates to learn and apply proven techniques derived from classrooms with culturally and linguistically diverse (CLD) students. This course offers candidates strategies for engaging in acts of advocacy and systemic approaches that effectively support high-quality, equitable literacy learning environments for CLD students based on research, practice, and meaningful strategies. This course addresses gaps in research surrounding literacy instruction for CLD students so that candidates can bridge theory to practice as they develop culturally responsive pedagogical methods and materials for developing literacy across content areas. All approaches presented in this course encourage the integration of all language skills as integral building blocks for literacy and bi-literacy development.

Prerequisites: BLBC-301 minimum grade of B and BLBC-302 minimum grade of B and College of Education Admission YES.

Corequisite: BLBC-328.

BLBC-306B. Methods Of Teaching Reading - Elementary School Without Clinical Experience. 3 Hours.

Prerequisite: College of Education Admission YES.

BLBC-328. Clinical Experience In Elementary Education. 1 Hour.

Seminar sessions and intensive clinical experiences in elementary schools are undertaken by teacher education candidates concurrent with BLBC-306A / ELED-306A. The field experience involves supervised, graduated, interactive teaching situations with students in culturally and linguistically diverse school settings. The seminar's focus revolves around topics for reflection on issues and practices in the school community. This course fulfills the State of Illinois' certification requirement of a minimum of 100 clock hours in a K-8 classroom before student teaching.

Prerequisite: College of Education Admission YES.

Corequisite: BLBC-306A.

BLBC-328A. Clinical Experience I. 2 Hours.

This course provides teacher candidates who are enrolled in ELED-338 / BLBC-338 Foundations in Teaching English Learners with intensive clinical experience in elementary classrooms with culturally and linguistically diverse (CLD) students. This course provides candidates with opportunities for supervised interactions with children in selected content areas. Candidates meet with a university supervisor in weekly seminars. This course fulfills 50 clock hours of the 100 clinical experience hours required by the State for certification/licensure. Requisite: ELED BLBC Program consent. Passing score on ILTS Content Area Test: Elementary/Middle Grades.

Prerequisites: ELED-300 minimum grade of C and (ELED-302 minimum grade of C or BLBC-302 minimum grade of C).

Corequisite: BLBC-338.

BLBC-329. Student Teaching In Elementary Education, K-9. 9 Hours.

This course provides the teacher candidate with sixteen weeks of full day supervised classroom teaching experience combined with weekly class discussions. Teacher Candidates must submit a completed edTPA portfolio.

Prerequisites: Illinois Content Area Test PASS and College of Education Admission YES and BLBC-328 minimum grade of B.

Corequisite: EDFN-308.

BLBC-338. Bilingualism And Education. 3 Hours.

Bilingualism and education in different parts of the world, its sudden importance in the United States as a method of teaching the Spanish-speaking child in the metropolitan areas to become self-directing in a culture different from his own. Emphasis will be placed upon the educational problems of large ethnic groups in urban centers, such as Puerto Ricans, Mexicans and Cubans.

BLBC-339. Culturally Responsive Teaching in Diverse Classrooms. 3 Hours.

This course will explore the social and educational issues faced by teachers in diverse classrooms. Students will examine the different cultural groups to which students and their families belong, paying special attention to issues of race, ethnicity, gender, class, language, sexual orientation, religion, ability, geography and age. This course will explore instructional strategies and culturally responsive practices for diverse learners.

Prerequisite: College of Education Admission YES.

BLBC-340. Teaching English Learners In Diverse Classrooms. 3 Hours.

This course presents candidates with the necessary academic and pedagogical preparation for teaching culturally and linguistically diverse (CLD) students in elementary classrooms who are limited English proficient (English learners). The aim of this course is to provide candidates with the research-based knowledge and skills necessary to differentiate instruction and assessment practices in the content areas for English learners. The focus is also on enabling candidates to create an effective learning environment in which English learners develop English language proficiency and literacy skills. Requisite: Admission to the College of Education.

Prerequisite: College of Education Admission YES.

BLBC-341. Methods of Teaching in Bilingual Classrooms. 3 Hours.

This course provides the necessary academic, pedagogical, sociocultural, and clinical preparation for teaching in diverse classrooms that serve culturally and linguistically diverse (CLD) students who are learning through the medium of the first (L1) and second languages (L2). A primary focus is on analyzing, evaluating, and developing the most appropriate materials, approaches, methods, and strategies that foster an effective learning environment in which CLD students acquire literacy, content knowledge and essential academic skills as well as respect for diverse languages and cultures.

Prerequisite: College of Education Admission YES.

BLBC-342. Assessment In The Bilingual Classroom. 3 Hours.

Study of recent developments and trends in the assessment of language in the context of bilingual education. Analysis and evaluation of bilingual tests in current use. Review of relevant assessment procedures.

BLBC-438. Foundations Of Bilingual Education. 3 Hours.

Introduces the fundamentals of bilingual education through the understanding of language and culture diversity and the emergence of different bilingual and bicultural teaching and learning situations in our schools and communities. It is necessary to understand the politics and policies that govern those situations and the problems associated with them and the manner in which the emerging problems are handled and solved. All instructional problems and solutions are managed in line with the latest philosophies, theories, and principles of bilingual education and their application to culture and language diverse classroom situations.

BLBC-439. Ethnic Diversity In Our Schools: A Cross Cultural/Linguistic Survey. 3 Hours.

Surveys the ethnic, cultural and linguistic history and evolution of the U.S. as a pluralistic nation. This survey covers precolonial America, colonization, forced displacement and exploitation of Africans and the following immigration waves since the 18th century. The cultural and linguistic characteristics of each group are discussed with highlights on language and culture maintenance, erosion or disappearance across generations. Erosion and disappearance of language and culture are approached in terms of the processes of acculturation and assimilation, whereas their maintenance is portrayed through recent practices in pluralism of which the implementation of bilingual education and multicultural education are typical examples.

Prerequisite: (BLBC-438 minimum grade of C or CIBB-438 minimum grade of C).

BLBC-440. Methods For Teaching English Learners In Diverse Classrooms. 3 Hours.

This course presents candidates with the necessary academic and pedagogical preparation for teaching linguistically and culturally diverse students in elementary classrooms who are limited English proficient (English learners). The aim of this course is to provide candidates with the research-based knowledge and skills necessary to differentiate instruction and assessment practices in the content areas for English learners. The focus is also on enabling candidates to create an effective learning environment in which English learners develop English language proficiency and content knowledge.

Prerequisites: ELED-506 minimum grade of B and INMD-410 minimum grade of B.

Corequisite: ELED-428B.

BLBC-441. Materials, Methods And Techniques For Teaching Limited English Proficient Students. 3 Hours.

With the steady increase in the number of language minority students especially those with limited English proficiency, a better understanding of their affective, physical and cognitive needs and readiness for learning in the second language and culture environments is becoming indispensable. This course provides the necessary academic, pedagogical, and clinical preparation for teaching in situations involving limited English proficient students learning through the medium of the first or second language or a combination of both. A primary focus is on developing the most appropriate materials, approaches and methods and the necessary sets of strategies and techniques for implementation.

Prerequisite: BLBC-438 minimum grade of C.

BLBC-442. Assessment Tools For Bilingual Students. 3 Hours.

Assessment is indispensable in any language/ culture learning situation and for a wide variety of purposes, e.g. proficiency, placement, achievement, diagnosis, aptitude. All teachers in monolingual and bilingual classrooms need to understand the purposes, principles, procedures of assessment and how to construct assessment tools and interpret their data. In bilingual situations where more than one language and culture are involved, teachers should be aware of language and culture interfacing and guard against biases, misconceptions and misinterpretations. Participants in this course should be able to critique, evaluate and construct different assessment tools ranging from testing to portfolio and performance-based.

Prerequisites: BLBC-438 minimum grade of C and BLBC-441 minimum grade of C.

Early Childhood Education

ECED-301. Curriculum And Instruction In Early Childhood Education. 3 Hours.

Relationship of theory to practice is studied in a variety of early childhood curricula with respect to teaching-learning processes. Special attention is directed to activity/learning centers, individualization, educational play, classroom management, along with planning and preparation of curricular materials (including audio - visual) for multicultural settings for normal and children with special needs. (Must be taken concurrently with ECED-328I).

Prerequisite: College of Education Admission YES.

Corequisite: ECED-328I.

ECED-302. Methods Of Teaching Language Arts-Primary Through Upper Grades. 3 Hours.**ECED-306. Methods Of Teaching Reading In Early Childhood. 3 Hours.**

This course presents methods, techniques and materials for the early stages of literacy instruction; the nature of the literacy processes (listening, speaking, reading, writing, viewing and visual representation); literacy development in the typically developing child, and the child with special needs. Attention is given to the use of strategies for identifying words, fluency, vocabulary and comprehension. Topics include response to intervention (RTI) strategies and differentiated instruction for all students (including students with different learning styles, giftedness, dual language learners and students with special needs). Must be taken concurrently with ECED-338, ECED-328T and have consent of program advisor.

Prerequisites: ECED-301 minimum grade of C and ECED-352 minimum grade of D and College of Education Admission YES.

ECED-313. Writing Intensive Program: Language Development And Educational Implications. 3 Hours.

Focuses upon language growth and development of young children with particular emphasis upon programs and techniques designed to facilitate acquisition of language skills. Major language acquisition theories are studied. The relationship of language development to cognitive and social-emotional growth is explored. Basic language development inventories are reviewed.

Prerequisites: ENGL-101 minimum grade of C and EDFN-302 minimum grade of C and EDFN-303 minimum grade of C.

ECED-316. Child, Family And Community. 3 Hours.

The study of family and community relations: working with parents; locating and using resources/programs in the community; ways of coordinating community, family and school cooperation in a culturally diverse environment. Includes a focus upon the needs of young children, 0-3 years of age.

Prerequisite: College of Education Admission YES.

ECED-325. Children's Literature Across The Curriculum. 3 Hours.

Presented in this course are methods, strategies and materials for integrating children's literature across the curriculum in the early grades. Instruction focuses on reading to learn. Emphasis is on learning to provide authentic experiences with exposition, in order to lay the foundation for students' understanding of the expository text that dominates in later grades. Text structures are mediated through literature to support children's curiosity and inquiry.

Prerequisites: ECED-301 minimum grade of C and ECED-306 minimum grade of C.

Corequisites: ECED-355, ECED-352, ECED-328T.

ECED-328I. Clinical Experiences In Early Childhood/Infants And Toddlers. 1 Hour.

Extended field and laboratory experiences in a variety of teaching/learning activities with infants/toddlers. The supervised, guided experiences are integrated with studies in ECED-301 Curriculum and instruction in Early Childhood, and fulfill a minimum of 40 clock hours of the 100 clock hours required by the State of Illinois for certification in Early Childhood Education. Supervision and individual conferences with university instructor.

Concurrent course: ECED-301.

Prerequisites: EDFN-302 minimum grade of C and EDFN-303 minimum grade of C and College of Education Admission YES.

Corequisite: ECED-301.

ECED-328M. Clinical Experiences In Early Childhood Educ/Kindergarten & Primary Grades/Multicultural Emphasis. 1 Hour.

Teaching/ learning activities with preschool kindergarten and primary children in private and public school classrooms with a variety of multi ethnic populations. Sixteen weeks will be spent in a preschool-kindergarten setting or a primary classroom. The supervised, guided experiences are integrated with studies in methods conferences, and bi-weekly seminars. Fulfills a minimum of 50 clock hours of the 100 clock hours required by the State of Illinois for certification in Early Childhood Education. Concurrent courses: ECED-355, ECED-306.

Prerequisite: College of Education Admission YES.

ECED-328S. Practicum In Early Childhood With Special Education. 1 Hour.

This course provides on-site experiences with young children who have special needs. An in-depth understanding of models and strategies for working with this population will be supported by seminar topics and discussions. Thirty hours of clinical experience will be required. Concurrent courses: ECED-306, ECED-355 and ECED-328M.

Prerequisite: College of Education Admission YES.

Corequisite: ECED-328M.

ECED-328T. Clinical Experiences In Early Childhood Educ:Preschool-Kindergarten & Primary/Technology Emphasis. 1 Hour.

Teaching/learning activities with preschool-kindergarten and primary children in private and public school classrooms with a technology emphasis. Sixteen weeks will be spent in a preschool-kindergarten setting or a primary classroom. The supervised, guided experiences are integrated with studies in methods classes. Supervision by university faculty, student conferences and biweekly seminars. Fulfills a minimum of 50 clock hours of the 100 clock hours required by the State of Illinois for certification in Early Childhood Education. Concurrent course: ECED-352.

Prerequisites: EDFN-302 minimum grade of C and EDFN-303 minimum grade of C and ECED-301 minimum grade of C and College of Education Admission YES.

Corequisite: ECED-352.

ECED-329. Student Teaching In Early Childhood. 9 Hours.

Sixteen weeks of full-day student teaching under the supervision of a certified cooperating teacher. Students are required to take full responsibility for assigned classes of early childhood students. Weekly seminars. Regular visits and conferences with university supervisor.

Prerequisites: ECED-328I minimum grade of B and ECED-328M minimum grade of B and Illinois Content Area Test PASS and College of Education Admission YES and ECED-328T minimum grade of B and ECED-328S minimum grade of B.

ECED-338. Developmental Assessment Of Young Children. 3 Hours.

Focuses on the diagnosis and assessment of developing needs of the young child from birth through age five; special emphasis on measuring physical, emotional, mental and social growth to determine intervention needs. Specific programs to facilitate normal development will be planned.

Prerequisites: EDFN-303 minimum grade of C or PSYC-212 minimum grade of D and College of Education Admission YES.

ECED-352. Methods Of Teaching Language Arts, Music And Art In Early Childhood. 3 Hours.

Methods and materials for teaching language arts (literature, listening, speaking, written composition, drama), music and art to normal, learning disabled and mainstreamed exceptional children in multicultural classes. Explores theories, concepts and approaches in the three areas as well as their relationships to one another. (Must be taken concurrently with ECED-328T).

Prerequisites: ART-170A minimum grade of D and MUS-102 minimum grade of D and ECED-301 minimum grade of C and ART-180 minimum grade of D and (CMTC-202 minimum grade of D or COMM-202 minimum grade of D) and College of Education Admission YES.

ECED-355. Methods Of Teaching Mathematics, Science And Social Studies In Early Childhood. 3 Hours.

A study of instructional methods and materials for teaching mathematics, science, and social studies to normal, learning disabled and mainstreamed exceptional children in multicultural classrooms. Explores major concepts and approaches in the three areas as well as their relationships to one another and other content areas. Classroom management techniques conducive to the implementation of successful individual and group lessons are investigated. Emphasis is on preschool and primary grades. ECED-306 and ECED-328M taken concurrently.

Prerequisites: ECED-301 minimum grade of C and ECED-352 minimum grade of D and College of Education Admission YES.

ECED-402. Application Of Learning Theories To Early Childhood Education. 3 Hours.

This course reviews philosophies and theories of early childhood development with classroom implications. Topics include: early philosophies, developmental theories, teaching techniques, individualizing instruction to meet the needs of all children, and strategies for facilitation of active learning.

ECED-403. Early Childhood Assessment. 3 Hours.

Focuses upon the use and development of evaluation instruments for collecting information about young children. Instruments used will focus on individuality of the child and his unique growth trends and patterns of developmental needs. The materials studied will help the teacher to identify where the child is developmentally and to use instruments and techniques to evolve ways to help the individual child grow.

Prerequisites: PSYC-212 minimum grade of C and SPED-303 minimum grade of C.

ECED-407. Family, Child And Teacher Interaction In Early Childhood Education. 3 Hours.

A course designed for teachers of young children who are working to integrate parents into educational program. Family styles and parenthood are examined followed by methodologies for involvement in children's education. Practical realities of teaching including home visits, communication skills and alternative avenues for communication will be discussed. An exploration of the culture of the early childhood setting and implication for teachers and families will be included.

ECED-408. Language Acquisition And Intervention Strategies For Teachers Of Young Children. 3 Hours.

Focuses upon the acquisition of language as the young child develops syntactic, semantic and pragmatic understanding. Differing viewpoints of language learning and cognitive interaction are presented. Techniques for both language assessment and intervention by the teacher of the young child are discussed. Reviews recent research and its applicability to assist the preschool teacher in facilitating language learning and evaluating existing language programs for using language as a tool of communication.

Prerequisites: (ECED-313 minimum grade of D or CIEC-313 minimum grade of D) and PSYC-215 minimum grade of C.

ECED-410. Curriculum Development In Early Childhood Education. 3 Hours.

Study of the implications of theories of child development for early childhood curriculum development. Investigation of strategies for planning, teaching and evaluating learning experiences which promote cognitive and affective development. Techniques for working with small and large groups are explored through observation and analysis of classroom interaction. Issues related to multicultural education, the utilization of community resources, and parent-teacher relationships are examined. Major early childhood programs are evaluated.

ECED-411A. Practicum In Early Childhood Education. 3 Hours.

To provide an opportunity for supervised observation and teaching with normal young children. Practical application of methods and techniques with an integrating seminar will help the practitioner develop teaching strategies. Emphasis will be on the development of skill and a self-analysis of techniques. 135 Clinical hours required.

ECED-411B. Practicum In Early Childhood Education (04 Certification). 3 Hours.

To provide an opportunity for supervised observation and teaching with normal young children. Practical application of methods and techniques with an integrating seminar to help the practitioner develop teaching strategies. Emphasis will be on the development of skills and self analysis of teachings. 135 clinical hours are required for 04 certification with three grade levels (Infant-toddler, preschool, kindergarten, 1st, 2nd or 3rd grades).

Prerequisites: ECED-402 minimum grade of C and ECED-410 minimum grade of C and ECED-403 minimum grade of C and ECED-407 minimum grade of C and ECED-408 minimum grade of C.

ECED-412. Research Seminar In Early Childhood Education. 3 Hours.

Criteria for selecting research problems and evaluating hypotheses are explored. Various types of experimental designs and descriptive approaches to research design are investigated. Techniques for writing research proposals and reports are studied. There is an examination of recent developments in data processing related to educational research. Other topics include sampling procedures, reliability, validity, interviews, questionnaires, and observational techniques. Research project under the supervision of a faculty advisor.

ECED-429. Internship/Student Teaching In Early Childhood Education. 3 Hours.

Supervised teaching experience for students in the MAT: ECED program. The intern spends 16 weeks in a professional development school working with a mentor teacher. Student gradually increases teaching responsibilities, leading to a minimum of four weeks of intensive teaching. University Supervisor makes regular visits to the school and conferences with the student. Weekly two-hour seminars are conducted throughout the semester, addressing topics appropriate for age/grade levels and professional needs.

Prerequisites: ECED-402 minimum grade of C and ECED-410 minimum grade of C and ECED-408 minimum grade of C and ECED-403 minimum grade of C and ECED-407 minimum grade of C and ECED-452 minimum grade of C and ECED-455 minimum grade of C and ECED-411B minimum grade of C and (READ-416 minimum grade of C or LTCY-501 minimum grade of C).

ECED-452. Methods Of Teaching Language Arts, Music & Art In Early Childhood. 3 Hours.

This course explores advanced knowledge of the theoretical foundations, concepts and methods of teaching language arts, music and art in Early Childhood. Presents the creative and language arts research, as well as instructional techniques/strategies and learning materials for teaching language arts, music, drama and visual art to all students in culturally diverse classrooms.

Prerequisite: ECED-410 minimum grade of C.

ECED-455. Methods Of Teaching Mathematics, Science & Social Studies In Early Childhood. 3 Hours.

This class is a methods class designed to help students learn to teach math, science and social studies to young children in the preschool and primary grades. The course explores major concepts and approaches in all three areas as well as the process of using thematic learning to implement the integration of the three areas. The class will also explore learning styles, special needs and multicultural backgrounds to facilitate the teacher's skill in providing for individual student needs as well as classroom management.

Prerequisites: ECED-410 minimum grade of C and ECED-402 minimum grade of C.

ECED-510. Early Acquisition & Maintenance Of Multiple Languages. 3 Hours.

Students will study acquisition of multiple languages at an early age (by age 8), and analyze sociolinguistic factors that help maintain multiple languages throughout early childhood and beyond. Students will view and discuss language modules developed from brain research and relate them to individual experiences of early acquisition of multiple languages after interviewing individuals who grew up with two or more languages from early childhood and observing young children (0-8 years) who have been exposed to more than one language in their natural settings. Students will explore their personal philosophies of educating young children in multilingual classrooms.

ECED-511. Evaluation & Use Of Research In Early Childhood Education. 3 Hours.

This course introduces students to evaluating and using research in early childhood education, especially research on early brain development. Employing principles of systematic inquiry and fundamentals of early development and learning, students examine different kinds of research processes and reports to determine application within contexts of working with young children. In particular, students will analyze research reports on early development of the brain, and devise practical and contextually beneficial ways to utilize the research finding to enhance children's development and learning. Students will develop and use research-based, culturally and linguistically sensitive strategies to enrich children's experiences.

ECED-512. Global Perspectives In Early Childhood Education. 3 Hours.

Students will study, compare and contrast early childhood education policies, programs and practices in selected countries for the purpose of broadening and deepening knowledge about global education systems and how they interrelate. Students will create profiles of early education practices and the circumstances determining those practices. Electronic contacts will be created between NEIU students and students in other countries (preferably NEIU partnership schools) in order to provide opportunities for students to interact with teacher education candidates in other countries. Students will continue developing their personal philosophies of effective education for young children within multicultural and global contexts.

Elementary Education

ELED-101. Orientation To Teaching In The Elementary Education School. 3 Hours.**ELED-109. First Year Experience: Building Chicago One Teacher At A Time. 3 Hours.**

In this course the five foundations (Future Planning, Integral Preparation, Research, Self-discovery, and Transitions) of Northeastern's First-Year Experience program are taught alongside an introduction to content specific to the discipline of Teaching of Elementary Education. Introduction to Chicago schools, communities, and diverse student population as well as curricular models, school structures and best practices in teaching.

ELED-300. Instructional Design In The 21st Century Classroom. 1.5 Hour.

This course prepares future K-8 teachers to teach all learners in today's classrooms. Special focus is given to teaching elementary and middle school students with a variety of needs and abilities, including English language learners, students with disabilities, gifted/talented students, and reluctant students. This diversity brings some challenges for teachers. Strategies and practices are taught to prepare future teachers for these challenges in instruction and assessment.

Prerequisite: College of Education Admission YES.

Corequisite: ELED-302.

ELED-301. Curriculum Of The Elementary School. 3 Hours.

The relationship of theory to practice is studied in a variety of elementary and middle school curricula. Analyses and interpretations of teaching-learning processes are conducted. Special attention is directed to (1) instructional objectives in planning, (2) application of theories of child development, learning, classroom management, and instructional methodology to multicultural curriculum development, (3) unit and lesson planning, and (4) evaluation techniques. Strategies for meeting the needs of students with special needs are explored.

Prerequisites: EDFN-306 minimum grade of C and College of Education Admission YES.

Corequisite: ELED-302.

ELED-302. Writing Intensive Program: Foundation Of Teaching The English Language Arts. 3 Hours.

Course designed to provide candidates with an overview of the theory, best practices, curriculum design and materials used in teaching language arts in K through middle school classrooms. Language Arts instruction includes mastery of six language arts competencies: reading, writing, listening, talking, viewing and visual representation, and emphasizes integration of the arts including drama, movement and vocal expression. The course addresses differentiating instruction to meet the needs of diverse learners including special needs students and English Language Learners. It is a writing intensive course affording students the opportunity to demonstrate competency in writing in various genres.

Prerequisites: College of Education Admission YES and ENGL-101 minimum grade of C.

Corequisites: ELED-301, ELED-300, SPED-317.

ELED-303. Children's And Young Adult Literature. 1.5 Hour.

This course familiarizes students with quality children's and young adult literature for elementary and middle grades. Students will learn to select, discuss, and critique books appropriate for this age range. Assigned readings and projects will enable students to develop critical, analytical and instructional skills for integrating culturally diverse children's literature across the curriculum.

Prerequisite: ELED-302 minimum grade of C.

Corequisites: ELED-309, ELED-328.

ELED-304. Methods Of Teaching Inquiry-Based Social Studies. 3 Hours.

A study of theories and methods for teaching social studies with an emphasis on social justice education in the elementary and middle school. The candidates will gain an understanding of selected issues such as, critical and multicultural pedagogy, learning styles and integration of literature and language arts. Candidates will engage in critical thinking, problem solving, inquiry and discovery learning and collaboration. The course will also address differentiation for special needs and English learners, planning, assessment, and reflection.

Prerequisites: ELED-300 minimum grade of B and College of Education Admission YES.

ELED-305. Methods Of Teaching Science In Elementary And Middle Schools. 3 Hours.

ELED-305 is a study of instructional methods and materials for teaching science to all students including linguistically and culturally diverse learners, and exceptional children. The course explores the theoretical framework for the nature of science (NOS), and methods of inquiry in teaching science. The emphasis is on the development of inquiry-based lessons to promote the skills of the scientific process using hands-on experimentation. Classroom management strategies conducive to the implementation of successful individual and group science investigations are also included. There is a focus on the intermediate and middle school grades.

Prerequisites: ELED-301 minimum grade of B and ELED-302 minimum grade of B and College of Education Admission YES.

ELED-306. Methods Of Literacy Instruction. 3 Hours.

The course is designed for pre-service teachers to develop the knowledge and skills to teach literacy in K-8 classrooms. Content includes: concepts of print, phonemic awareness, phonics, word knowledge, comprehension, and the writing process; literacy assessments; grouping strategies and instructional frameworks that support differentiated instruction. Issues of diversity and equity as they relate to literacy teaching and learning in today's 21st century context will be threaded throughout the course with an emphasis on working with diverse student populations.

Prerequisites: ELED-301 minimum grade of C and ELED-302 minimum grade of C and College of Education Admission YES.

Corequisite: ELED-328B.

ELED-306A. Methods Of Teaching Reading-Elementary School With Clinical Experience. 3 Hours.

Examines current issues and research in the teaching of reading. Emphasis is given to exploring the instructional methods and materials for teaching reading to all students including linguistically and culturally diverse learners and students with special needs. Principles of classroom management are included. Accompanied by 100 hours of supervised, sequential clinical experiences culminating in teaching student developed instructional units. Emphasis on intermediate and middle school grades.

Prerequisites: ELED-301 minimum grade of B and ELED-302 minimum grade of B and College of Education Admission YES.

Corequisite: ELED-328.

ELED-306B. Methods Of Teaching Reading-Elementary School Without Clinical Experience. 3 Hours.

For non-program students who do not need the 100 hours of supervised, sequential clinical experiences.

ELED-309. Reading & Writing In The Content Areas. 1.5 Hour.

In this course, pre-service teachers will develop the knowledge, skills, and understandings to support the literacy development of students in elementary and middle grades with a focus on literacy in the content areas. The content of this course includes: the teaching of academic and discipline-specific vocabulary; the role of prior knowledge and cognitive/metacognitive strategies in comprehension; writing to learn; literacy assessment; grouping strategies and instructional frameworks that support differentiated instruction using tradebooks, digital texts, and other non-print materials; motivation; and lesson/unit planning. Issues of diversity and equity as they relate to literacy will be threaded throughout the course.

Prerequisite: ELED-302 minimum grade of C.

Corequisites: ELED-303, ELED-328.

ELED-310. Elementary And Middle School Math Methods. 3 Hours.

Development of methods, techniques, and teaching aids for the teaching of mathematical concepts to all children including exceptional and gifted students in multicultural classrooms. Appropriate techniques in classroom management are included. Emphasis on grades K-8.

Prerequisites: ELED-301 minimum grade of B and ELED-302 minimum grade of B and College of Education Admission YES.

ELED-312. Teaching Strategies For English Language Learners & Multicultural Students. 3 Hours.

This course explores a variety of cultural values, languages, and the process of social integration of American ethnic groups that children bring to middle level classrooms and the teacher's role in enhancing each Early Adolescence's learning experiences. Decision making skills in selecting content area instructional strategies for English Language Learners and Multicultural groups will be the emphasis. Field experiences will be done in conjunction with course assignments.

ELED-315. Teaching In The Inner City Elementary School. 3 Hours.

Educational problems inherent in the inner city milieu, exploration of developmental learning concerns as applicable in various ethnic groups; study of socio-economic conditions as relating to educational achievements.

Prerequisites: ELED-301 minimum grade of B and ELED-302 minimum grade of B.

ELED-320. Classroom Management. 1.5 Hour.

This course will provide teacher candidates with the theoretical and practical foundations necessary to manage and organize the classroom. The class will explore strategies and approaches for guiding student behavior, fostering engagement, and designing a classroom conducive to student learning. Candidates will develop a personal management plan based on the theorists examined and practical examples shared. Candidates will also design an ideal classroom to demonstrate understanding of creating.

Prerequisites: ELED-301 minimum grade of B and ELED-302 minimum grade of B and College of Education Admission YES.

ELED-328B. Clinical Experience In Elementary Education. 3 Hours.

ELED-328B provides intensive clinical experience in elementary schools for students enrolled in ELED-306. Involves supervised and graduated teaching interactions with children in literacy in K-8 classrooms and includes weekly seminars. The seminars will provide intensive preparation and practice with EdTPA and a focus on the clinical context. This course fulfills 100 of the 200 required clock hours of clinical experiences.

Requirements: plus two additional methods courses, and a passing score on the ICTS Subject Area Examination

Prerequisites: ELED-300 minimum grade of C and ELED-302 minimum grade of C.

Corequisite: ELED-306.

ELED-329. Student Teaching In Elementary Education, K-9. 9 Hours.

This course provides the teacher candidate with sixteen weeks of full day supervised classroom teaching experience combined with weekly class discussions. Teacher Candidates must submit a completed edTPA portfolio. Concurrent enrollment in EDFN-308.

Corequisite: EDFN-308.

ELED-330. Creating And Using Puppetry In The Classroom. 3 Hours.

This is hands-on course in puppetry and marionette making and its implementation for possible use in the language arts classroom. The format consists of the construction of marionettes/hand puppets and the development of procedures and processes for their use in the classroom by teachers and students. Puppetry will be viewed as a learning and teaching methodology in which teachers can foster and encourage creativity and higher level thinking skills, including divergent thinking and problem solving techniques. Puppetry will also be viewed as part of the curriculum in which students can become involved in the development of story in literature and drama. This class with its hands-on approach to puppetry, teaches the importance of using arts in education as a vehicle for learning.

ELED-342. Classroom Assessment. 3 Hours.

Provides the teacher candidates with a thorough understanding of the purposes, characteristics, and limitations of different types of assessments, including standardized assessments, universal screening, curriculum-based assessment, and progress monitoring tools. Candidates will examine the appropriate uses of formative and summative assessments for determining student needs, measuring student growth, and evaluating student outcomes. Candidates will understand how to make evidence-based decisions about curricular and instructional effectiveness and how to adjust practice to meet the needs of all students.

ELED-403. Methods Of Teaching Mathematics In Elementary And Middle Schools. 3 Hours.

Investigation and development of research, methodology, techniques, and teaching aids for the teaching of mathematical concepts to all children, including special needs, ELL, LEP, exceptional, and gifted students in diverse, multicultural classrooms. Different instructional models will be explored, research methods considered, and current resources identified. Collaborative efforts will be investigated. Focus on differentiation and appropriate classroom management techniques. Emphasis on grades K-8.

ELED-406. Research Skills For The Classroom Teacher. 3 Hours.

Enables the regular classroom teacher to use tools and procedures that will demonstrate the working effectiveness of any instructional practice; thus, the teacher will develop data that will foster constructive decision-making for continued curriculum building.

ELED-414. Principles Of Curriculum Development. 3 Hours.

Fundamental criteria for curriculum planning and the principal types of curriculum patterns as they apply to various subject-matter disciplines; emphasis focused on the student's subject area of specialization and its applicability to the improvement of the curriculum in the classroom and in the school; study of selection and organization of learning experiences, as well as objectives and evaluation.

Prerequisite: EDFN-406 minimum grade of C.

ELED-415. Teaching Science As Inquiry In Elementary And Middle School. 3 Hours.

Students are provided with the theoretical and practical framework to learn about the nature of science and methods of inquiry in teaching science. This course is a study of instructional methods and curricula for teaching science to all students, including linguistically and culturally diverse learners and exceptional children. The emphasis is on the development of inquiry-based lessons to promote scientific process skills using hands-on/minds-on experimentation. Classroom management strategies conducive to the implementation of successful individual and group science investigations are included. Emphasis is on grades K-8.

Prerequisites: ELED-506 minimum grade of B and (INMD-410 minimum grade of B or EDFN-442 minimum grade of B).

Corequisite: ELED-428C.

ELED-416. Social Studies As Inquiry. 3 Hours.

A study of instructional methods and resources for teaching social studies in elementary and middle school grades with an emphasis on creating an inquiry classroom and designing inquiry-based and project-based curriculum units. Explores the vital role of social studies in a democratic society, teaching critical thinking, decision-making, and problem solving skills. Includes a focus on curricular integration of cultural diversity, global awareness, technology, and integrating children's and middle grades literature in social studies. Students will also explore teaching skills for reading and writing informational texts in social studies. ELED-428C Inquiry Through the Content Areas Clinical will be taken simultaneously and students will do about 35 hours of clinical teaching in a middle grade social studies classroom.

Prerequisites: ELED-506 minimum grade of B and (INMD-410 minimum grade of B or EDFN-442 minimum grade of B).

ELED-417. Multicultural Literature And Drama In The Elementary Classroom. 3 Hours.

Develops an in-depth understanding of multicultural literature and its application in the classroom through creative drama techniques which include improvisation, role-play, playmaking and guided imagery. Study, discussion and hands-on application through cooperative learning groups focusing on exploration of theoretical and pedagogical research and their relationship to thinking, listening, speaking, reading and writing competencies. Exploration of the use of visual arts and its application to the multicultural classroom.

ELED-418. Theoretical Implications For Instruction In The Elementary Classroom. 3 Hours.

The contributions of learning psychologists that are applicable to the teaching-learning process; areas explored include implications of learning in curriculum design, instructional methods, educational decisions and in the use of learning resources; relevant for the classroom teacher who attempts to utilize learning concepts in the classroom and in research.

ELED-419. Current Issues In Elementary Language Arts Instruction. 3 Hours.

Developmental of an understanding of principles and techniques of instruction in elementary school language arts; students to investigate research as it relates to the improvement of instruction in language arts.

ELED-428A. Clinical Teaching: Literacy. 1 Hour.

This 50-hour clinical teaching experience involves supervised, graduated, and interactive teaching situations with students in culturally and linguistically diverse school settings. This clinical experience has a thematic focus on teaching reading, writing, and speaking. Clinical seminar is integrated into ELED-504 and ELED-435. Students will conduct classroom observations and will spend a minimum of 35 hours teaching one-on-one, in small groups, and with the whole class. A university supervisor will observe students teaching a minimum of two times.

Prerequisites: ELED-506 minimum grade of B and EDFN-442 minimum grade of B.

Corequisites: ELED-435, ELED-504.

ELED-428B. Clinical Diversity. 1 Hour.

This 50-hour clinical experience involves supervised, graduated, and interactive teaching situations with students in culturally and linguistically diverse school settings. This clinical experience has a thematic focus on teaching for human diversity, including cultural, linguistic, English language learners, students with special needs, gender, LGBTQ, and socioeconomic. Clinical seminar is integrated into BLBC-440. Students will conduct classroom observations and will spend a minimum of 35 hours teaching one-on-one, in small groups, and with the whole class. A university supervisor will observe students teaching a minimum of two times. Concurrency with EDFN-406 Human Development Learning OR SPED-404 Survey of the Field of Special Education.

Prerequisites: ELED-506 minimum grade of B and (INMD-410 minimum grade of B or EDFN-442 minimum grade of B).

Corequisite: BLBC-440.

ELED-428C. Clinical Teaching: Content Areas. 1 Hour.

This 100-hour clinical teaching experience involves supervised, graduated, and interactive teaching situations with students in culturally and linguistically diverse school settings. This clinical experience has a thematic focus on Inquiry Through the Content Areas (mathematics, science, and social studies). This course has seminar integrated into ELED-403 and ELED-415. Students will spend approximately of 35 hours observing and teaching one-on-one, in small groups, and with the whole class in each math, science, and social studies. A university supervisor will observe students teaching a minimum of three times, once per subject.

Prerequisites: ELED-506 minimum grade of B and (INMD-410 minimum grade of B or EDFN-442 minimum grade of B).

Corequisites: ELED-415, ELED-403.

ELED-429. Internship In Elementary Education. 6 Hours.

Students are engaged in full-time student teaching for the entire semester. With support from their cooperating teacher and university supervisor students gradually increase their classroom responsibilities and then assume complete responsibility for all curriculum planning and teaching for five weeks. Students will design and teach an original instructional unit. In this course students complete their Curriculum Design Student Learning Project (CLP) and their Teacher as Learner Project (TLP). Students will be observed a minimum of five times by their university supervisor.

Prerequisites: Completion of all MAT program courses. Passing score on the ICTS Subject Area Test

Passing score on the APT Test. Minimum grade of B or better for all prerequisites.

Corequisite: ELED-430.

ELED-430. Trends And Issues In Assessment. 3 Hours.

Reviews principles of educational testing and evaluation. Explores trends and critical issues in assessment with emphasis on the teacher's role in relating assessment to instructional objectives. Provides opportunities for students to study assessment strategies and issues specific to the level (elementary or secondary), linguistic-cultural background, and subject-matter area of their teaching or internship assignment.

Corequisite: ELED-429.

ELED-435. Children's And Young Adult Literature. 3 Hours.

Students will read, peruse, and study all genres of diverse literature written for elementary and middle school students, grades 3-8, as well as some appropriate young adult literature. Topics emphasized are: identifying and locating high quality books, evaluating books for appropriate developmental stages, critical reading, integrating literature across the curriculum, designing curriculum with literature, teaching reading with literature, creating classroom libraries, using a wide variety of multicultural and global literature, connecting books to real-world resources, using literature to cover standards, motivating students to read, and appreciating good writing.

Prerequisites: ELED-506 minimum grade of B and INMD-410 minimum grade of B.

Corequisites: ELED-504, ELED-428A.

ELED-453. Inquiry-Based Social Studies Instruction. 3 Hours.

This course is a study of instructional methods and materials for teaching social studies through inquiry. Explores approaches to promoting children's cognitive and affective knowledge and understanding in the social sciences, including history, current events, and critical thinking skills. The course includes an exploration of teaching for cultural diversity, global awareness, and critical citizenship skills and dispositions, along with a focus on creating an inquiry-based social studies classroom, the teacher as a creator of curriculum and an in-depth examination of the literature within the field of social studies education.

ELED-504. Teaching Writing: Purpose, Voice, Craft. 3 Hours.

This course is designed to provide teacher candidates with an in-depth exploration of Writer's Workshop and the theory, best practices, curriculum design and materials used in writing in the K-8 school setting. Candidates will engage in writing in a variety of genres using the Writing Workshop model. The course addresses differentiating instruction to meet the needs of diverse learners.

Prerequisites: ELED-506 minimum grade of B and INMD-410 minimum grade of B.

Corequisites: ELED-435, ELED-428A.

ELED-506. Research Methodologies For Classroom Teachers. 3 Hours.

A general survey of qualitative and quantitative research methods in educational research. The aim of this course is to develop candidates' abilities to design and conduct classroom-based inquiry related to teaching and learning. This course is designed to make candidates knowledgeable consumers of academic research. The survey of methods includes; a brief analysis of paradigms in qualitative and quantitative research, a discussion of the inquiry process, and an synthesis of research designs including; survey, narrative, experimental, ethnographic, correlation, case study, and action research. Action research design is discussed in details. This course is the first course in the sequence of 3 research courses (ELED-506, ELED-507, ELED-508).

ELED-507. Action Research Design Seminar. 1 Hour.

Candidates will design an action research plan that involves identifying a significant problem related to student learning in their current classroom. Candidates will locate and review relevant research on the designated problem, and design an intervention plan that will allow the candidate to examine the impact of instructional procedures or interventions on student learning. Candidates will develop reflective decision-making in using data to improve learning in elementary classrooms.

Prerequisites: ELED-506 minimum grade of B and ELED-525 minimum grade of B and ELED-520 minimum grade of B and BLBC-439 minimum grade of B.

ELED-508. Action Research Project. 3 Hours.

This course guides students through finalizing their action research design, implementing that design, collecting data, analyzing their data, and writing their action research paper. Students will implement their action research project in their classroom with a focus on understanding the process of data collection and analysis. Students will write their project as a major paper (including the literature study they completed in ELED-507 Action Research Design Seminar), and formally present their project as a PowerPoint to the class. This is a thesis-model hybrid course with some of the work and feedback given online and in conferences with the Instructor.

Prerequisites: ELED-506 minimum grade of B and ELED-525 minimum grade of B and ELED-520 minimum grade of B and BLBC-439 minimum grade of B and ELED-507 minimum grade of B.

ELED-520. Curriculum And Inquiry. 3 Hours.

This course is an overview of curriculum theory, development, design, and implementation for the experienced classroom teacher. The focus is on understanding the theory and practice of inquiry-based and project-based curriculum across subject disciplines, authentic literacy, and finding and using interesting and diverse real-world resources. Course emphasis is also on the history of curriculum development and schooling; and creating multicultural, critical, and creative curriculum that integrates technology, the arts, critical thinking, and standards. Students will critique and analyze their school curriculum and resources, and design curricular units for their own classroom.

Prerequisites: ELED-506 minimum grade of B and ELED-525 minimum grade of B.

ELED-525. New Literacies For The 21st Century. 3 Hours.

This course explores how the ideas and understandings of "literacy" have changed and evolved over the past century, the new literacies that are vital to life in the 21st century, and strategies for teaching those literacies. This course develops an understanding of designing curriculum and strategies for teaching critical thinking skills; collaboration; problem solving skills; media, technology, and information literacy; creativity and imagination; innovative thinking; civic, multicultural, and global literacy; critical literacy; environmental literacy; and systems thinking. The course will begin to study the theory and practice of inquiry-based, project-based, and problem-based teaching and learning, as well interdisciplinary curriculum and different forms of 21st century assessment, such as student exhibitions and presentations.

Prerequisite: ELED-506 minimum grade of B or INMD-410 minimum grade of B.

Major in Early Childhood Education

Program in Early Childhood Education

The Early Childhood Education Program offers courses of study leading to the Bachelor of Arts degree. The major in Early Childhood Education includes 49 credit hours of required courses.

In completing the undergraduate major in Early Childhood Education, students will become knowledgeable of the diverse philosophies and models of early childhood curricula, identify the instructional needs of children in multicultural groups and of exceptional children mainstreamed into the regular classrooms; acquire skill in designing and implementing curriculum in early childhood and primary programs in all subject matter areas; become knowledgeable of the role of informal and formal instruction in the child's acquisition and development of literacy skills; acquire skill in using diagnostic and assessment techniques for evaluation as a basis for curriculum planning; and develop competence in utilizing positive classroom management procedures.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9
Natural Sciences (NS and NSL)** 3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).	9
Math/Quantitative Reasoning (MA) 1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.	At least 3

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Major in Early Childhood Education for the Bachelor of Arts Degree

Required Professional Sequence Courses:

NOTE: Students are expected to complete courses in one Block before moving into the next. However, if only one course is remaining in a current Block, students can be permitted to move ahead into the next Block, as long as the remaining course is not a clinical experience course.

Eligibility for Student Teaching:

1. Students must complete all the specified requirements and pass the ILTS Content Area test (<http://www.il.nesinc.com>) to be eligible for student teaching.

2. In order to be authorized for student teaching, students must meet with the program advisor (<http://www.neiu.edu/academics/college-of-education/departments/teacher-education>) for an academic record review.
3. To qualify for student teaching, student must maintain a minimum grade point average of 2.75 in the Professional Sequence.
4. No required professional education course may be taken more than twice to achieve an acceptable grade.
5. To be entitled for licensure by the State of Illinois, a student must earn a grade of B or better in clinical courses and in student teaching

BLOCK I

EDFN-302	Philosophical And Historical Foundations Of Early Childhood Education	3
EDFN-303	Early Childhood Development	3
Students must be accepted into the College of Education before they may continue to Block II. ¹		

BLOCK II

ECED-301	Curriculum And Instruction In Early Childhood Education	3
ECED-328I	Clinical Experiences In Early Childhood/Infants And Toddlers ²	1
ECED-313	Writing Intensive Program: Language Development And Educational Implications	3
SPED-382	Strategies For Differentiating Instruction For Students With Exceptional Learning Needs	3
ECED-328S	Practicum In Early Childhood With Special Education ²	1
Students are encouraged to take SPED-382 and ECED-328S concurrently.		
ECED-316	Child, Family And Community	3
ECED 316 will be offered in Summer IA only - after Block II and prior to Block IV		

BLOCK III

ECED-306	Methods Of Teaching Reading In Early Childhood	3
ECED-328M	Clinical Experiences In Early Childhood Educ/Kindergarten & Primary Grades/Multicultural Emphasis ²	1
ECED-338	Developmental Assessment Of Young Children	3
BLBC-340	Teaching English Learners In Diverse Classrooms	3

BLOCK IV

Take and pass ILTS Content-Area Test.

ECED-325	Children's Literature Across The Curriculum	3
ECED-328T	Clinical Experiences In Early Childhood Educ:Preschool-Kindergarten & Primary/Technology Emphasis ²	1
ECED-352	Methods Of Teaching Language Arts, Music And Art In Early Childhood	3
ECED-355	Methods Of Teaching Mathematics, Science And Social Studies In Early Childhood	3
ECED 352 and ECED 355 Must be taken concurrently		

BLOCK V

ECED-329	Student Teaching In Early Childhood ³	9
Total Hours		49

¹ Consult with program advisor and see College of Education admission requirements.

² See Clinical Experiences and Student Teaching section for application procedures

³ Student Teaching In Early Childhood - Consult with the edTPA Coordinator for Licensure Requirements.

NOTE: Students must be admitted to the College of Education prior to registration for professional sequence courses, beginning BLOCK II. Students must also maintain a 2.75 grade point average in the major. Professional courses may not be taken more than twice to achieve an acceptable grade.

To request placement for student teaching, students must register in the Office of Clinical Experiences (<http://www.neiu.edu/academics/college-of-education/clinical-experiences-and-student-teaching>) and Student Teaching. In order to be authorized for Student Teaching, students must meet with the program Advisor (<http://www.neiu.edu/academics/college-of-education/departments/teacher-education>) for an academic record review.

To qualify for Student Teaching, students must maintain a minimum grade point average of 2.75 in the Professional Sequence and have passed the ILTS content-area test (<http://www.il.nesinc.com>).

Minor Area of Study

Minor Subject Area/area of concentration – 18 credit Hours minimum

Students may select and declare a minor or an area of concentration offered at NEIU. Students who declare a minor must meet the requirements of the department in which the minor is housed, completing at least 18 credit hours, 9 of which must be at the 300 level. Students who choose to complete an area of concentration must complete a total of 18 credit hours in the area, 9 of which must be at the 300 level.

ECED Program Exit Requirements for Degree Completion

- Successful completion of Block 1 through Block 5 Courses
- Minimum required credit hours for degree completion: 120 Credit Hours
- Minimum overall GPA of 2.75

ECED Program Exit Requirements for Program completion/entitlement

- Successful completion of exit requirements for the B.A. Degree
- Evidence of passing score on edTPA (<http://www.neiu.edu/academics/college-of-education/edtpa>)

Note: Currently, the ISBE requires licensure candidates to pass the APT exam. This regulation is in the process of being changed. Please check with your advisor or the department chair about the status of the APT exam.

In addition to the professional education courses outlined above, students must complete specific general education course work as described below.

Fine Arts (6 credit hours)		6
Any Music or Dance Course		
Humanities (9 credit hours)		9
Select one of the following:		
ENGL-201	The World Of Poetry	
ENGL-202	The World Of Drama	
ENGL-203	The World Of Fiction	
Choose from Limited List in: English, Foreign Language, Linguistics, Philosophy		
Behavioral and Social Science (12 credit hours)		12
PSCI-216	American National Government	3
HIST-214	United States History 1607-1877	
or HIST-215	United States History 1877-Present	
Select one of the following:		3
HIST-111C	World History: East Asia (Non-Western/Third World)	
HIST-111D	World History: Latin America	
HIST-111E	World History: Africa	
HIST-111F	World History: Islam	
OR		
ANTH-212	Introduction To Cultural Anthropology (Non-Western/Third World)	
Elective (Chosen from Limited List)		3
Biological & Physical Sciences (12 credit hours)		12
Coursework must include Biological & Physical Science (include one lab course)		
ENGL-101	Writing I	6
& ENGL-102	and Writing II ¹	
Select one of the following:		3
CMTC-101	Public Speaking ¹	
CMTC-202	Voice and Diction ¹	
HLED-107	Health For Effective Living	2
College-level Mathematics Course (approved by ECED advisor). ¹		
College Mathematics II ¹		
Physical Education Elective		1
Elective from Language Arts, Science, Social Science, Humanities and/or Psychology ²		
Total Credit Hours Required for Graduation		120

¹ Students must receive a grade of "C" or higher.

² Language Arts: Coursework in oral and written expression, grammar, spelling, handwriting, literature for children, and other literature as is commonly found in the course of study in the elementary schools, **excluding** professional education coursework. Consult your advisor prior to taking coursework to fulfill this elective requirement.

It is recommended to consult with your advisor at least once each semester.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
ENGL-101	Writing I	3
CMTC-101 or 202	Public Speaking	3
Fine Arts course		3
Non-Western/Third World course		3
Term Hours		12
Term 2		
ENGL-102	Writing II	3
HIST-214 or 215	United States History 1607-1877	3
1 elective - Social Behavioral Sciences		3
1 Music or Dance class		3
Any Gen. Ed. Approved Course		3
Term Hours		15

Second Year

Term 1		
EDFN-302	Philosophical And Historical Foundations Of Early Childhood Education	3
ENGL-201 or ENGL-202 or ENGL-203		3
1 Phys Ed Course		1
BIO-100	Introduction To Biology	3
2 Courses Area of Concentration		6
Term Hours		16
Term 2		
PSCI-216	American National Government	3
EDFN-303	Early Childhood Development	3
1 Humanities course		3
Any Natural Science Course		3
2 Courses Area of Concentration		6
Term Hours		18

Third Year

Term 1		
ECED-313	Writing Intensive Program: Language Development And Educational Implications	3
ECED-301	Curriculum And Instruction In Early Childhood Education	3
ECED-328I	Clinical Experiences In Early Childhood/Infants And Toddlers	1
ECED-328S	Practicum In Early Childhood With Special Education	1
SPED-382	Strategies For Differentiating Instruction For Students With Exceptional Learning Needs	3
2 Courses from Area of Concentration		6
Term Hours		17
Term 2		
ECED-306	Methods Of Teaching Reading In Early Childhood	3

ECED-328M	Clinical Experiences In Early Childhood Educ/ Kindergarten Primary Grades/Multicultural Emphasis	1
BLBC-340	Teaching English Learners In Diverse Classrooms	3
1 Course from Area of Concentration		3
ECED-338	Developmental Assessment Of Young Children	3
HLED-107	Health For Effective Living	2
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Term Hours		15
Term 3		
ECED-316	Child, Family And Community	3
ECED ELECTIVE OFFERED SUMMER TERM ONLY		
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Term Hours		3
Fourth Year		
Term 1		
ECED-325	Children's Literature Across The Curriculum	3
ECED-352	Methods Of Teaching Language Arts, Music And Art In Early Childhood	3
ECED-355	Methods Of Teaching Mathematics, Science And Social Studies In Early Childhood	3
ECED-328T	Clinical Experiences In Early Childhood Educ:Preschool- Kindergarten Primary/ Technology Emphasis	1
2 Courses from Area of Concentration		6
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Term Hours		16
Term 2		
ECED-329	Student Teaching In Early Childhood	9
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Term Hours		9
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Total Hours:		121

Major in Elementary Education

Program in Elementary Education

This program is undergoing curricular changes. Please consult the department for the latest requirements and information.

The Elementary Education Program (<http://www.neiu.edu/academics/college-of-education/departments/teacher-education>) provides students with knowledge of philosophical and psychological elements of teaching and learning, general and specific methods of instruction, and clinical experiences of at least 100 hours in local schools prior to the full-day student teaching experience.

Program Outcomes:

Students completing the Elementary Education (<http://www.neiu.edu/academics/college-of-education/departments/teacher-education>) major will:

1. have theoretical and practical knowledge of principles of curriculum development and design which reflect best practices in elementary schools
2. have an understanding of and the skill with children- differentiate instruction of diverse backgrounds and abilities
3. know how to plan, implement and integrate a variety of learning activities for student centered classrooms
4. have attained specialized knowledge of content and instructional materials, as well as skills in using technology in elementary schools
5. effectively apply classroom management techniques demonstrating an understanding of collaborative learning strategies and group processes
6. have attained skills in designing instruments to assess student performance and in using assessment to improve teaching and learning
7. be able to integrate learning activities in contexts which are interesting and meaningful to elementary school students
8. be reflective educators who are committed to life-long professional development and growth.
9. Students who complete this program qualify for elementary education licensure. Upon licensure, they are eligible to teach elementary school (grades K-6).

Important NOTE:

Per ISBE requirements, all students admitted into the program before September 1, 2015 must complete their ELED or ELED/BLBC program by **September 1, 2017** or be subjected to the requirements of the new program. Students must also apply for licensure **and be entitled by September 1, 2018**.

If unable to complete the program by September 1, 2017, students will have to be re-admitted to the new program. Transcripts will be evaluated, and additional coursework may be required.

It is in the student's best interest to complete the Elementary or Bilingual-Bicultural Education program within this timeline. A (<http://www.neiu.edu/academics/college-of-education/departments/teacher-education>) advisors (<http://www.neiu.edu/academics/college-of-education/departments/teacher-education>) are always available for guidance through the professional sequence coursework.

General Education - Distributive Learning Requirements

General Education Distribution Area	Cr. Hrs.
Fine Arts (FA)* 2 courses, from at least two of the following areas of study: Art, CMT (Mass Media or Theatre), Music (includes Dance).	6
Humanities (HU)* 3 courses, from at least two of the following areas of study: CMT (Communication), English, Linguistics, Philosophy, Women's and Gender Studies, World Languages and Cultures, (Note: No more than two foreign language courses may be used to fulfill this requirement.)	9
Behavioral/Social Sciences (SB)* 3 courses, from at least two of the following areas of study: African & African American Studies, Anthropology, Computer Science, Economics, Geography & Environmental Studies, History, Justice Studies, Latino & Latin American Studies, Political Science, Psychology, Sociology, Social Work	9

Natural Sciences (NS and NSL)** 9

3 courses, from at least two of the following areas of study; one course must have a laboratory component (NSL): Biology, Chemistry, Earth Science, Environmental Science, Physics (Note: If an FYE ANTH that counts as Natural Science is taken, only one Biology course may be used for Natural Science).

Math/Quantitative Reasoning (MA) At least 3

1 Math course, that has intermediate Algebra as prerequisite OR is a course listed on the General Education Distributive Learning List of Approved Courses. Any 3 hour college level math course, beyond Intermediate Algebra, meets this requirement.

* Majors in Fine Arts, Humanities or Social/Behavioral Sciences, may waive up to 6 credit hours of General Education requirements in the corresponding distribution area.

** Majors in Natural Sciences may waive up to 9 credit hours of General Education requirements in the Natural Sciences distribution area.

Students should also be aware of all other university requirements to obtain a degree - NEIU requirements (<http://catalog.neiu.edu/archive/2016-2017/graduation-requirements/bachelors-degree>)

Degree and Program completion/Entitlement Requirements

In order to graduate from the program and be entitled to state licensure, students must complete a minimum of 120 hours of study which include the following requirements:

- University General Education Program
- Professional Education Coursework
- Approved Minor or Area of Concentration
- Additional Courses and Tests Required for State Licensure (<http://www.il.nesinc.com>)
- Program Completion Criteria
- To meet graduation requirement of 120 hrs.

Required Professional Education Courses

EDFN-305	Philosophical And Historical Foundations Of Public Education	3
Attend mandatory clinical information meeting and apply for Clinical Field Experiences		
ELED-302	Writing Intensive Program: Foundation Of Teaching The English Language Arts	3
ELED-304	Methods Of Teaching Inquiry-Based Social Studies	3
EDFN-306	Education And Individual Differences	3
BLBC-338	Bilingualism And Education	3
ELED-305	Methods Of Teaching Science In Elementary And Middle Schools	3
ELED-306A	Methods Of Teaching Reading-Elementary School With Clinical Experience	3
ELED-328B	Clinical Experience In Elementary Education	3
ELED-310	Elementary And Middle School Math Methods	3
BLBC-340	Teaching English Learners In Diverse Classrooms	3
ELED-342	Classroom Assessment	3
ELED-329	Student Teaching In Elementary Education, K-9	9
EDFN-308	Teaching And Learning	1.5
ELED-300	Instructional Design In The 21st Century Classroom	1.5
ELED 328A (curricular approval pending) 2 credit hours		
EDFN-343	Using Technology In Classrooms	2
ELED-303	Children's And Young Adult Literature	1.5
ELED-309	Reading & Writing In The Content Areas	1.5
ELED-320	Classroom Management	1.5
SPED-317	Inclusive Teaching Strategies	1.5
Total hours		52

Declaration of Major/Admission to Program

In order to register for ELED 300, students must have declared their majors and be admitted to the College of Education. Students should meet with program advisors (<http://www.neiu.edu/academics/college-of-education/departments>) to plan their programs prior to taking EDFN-306 (<http://catalog.neiu.edu/search/?P=EDFN-306>). Students should complete the necessary procedures to declare their majors while they are enrolled in EDFN-306 (<http://catalog.neiu.edu/search/?P=EDFN-306>). Only students who have declared their majors, or have an ACT plus writing score (22 or better) and a minimum 19 combined English/writing, or SAT 1030 composite score (critical reading & mathematics) and a minimum 450 in writing, and are admitted to the College of Education will be permitted to register for Elementary Education Courses. An NEIU GPA of 2.5 is required to declare a major.

Areas of Concentration

MINOR SUBJECT AREA/AREA OF CONCENTRATION – 18 CREDIT HOURS MINIMUM

Students may select and declare a minor or an area of concentration. Students who declare a minor must meet the requirements of the department in which the minor is housed, completing at least 18 credit hours, 9 of which must be at the 300-level. Students who choose to complete an area of concentration must complete a total of 18 credit hours in the area, 9 of which must be at the 300-level.

The above requirements apply to undergraduate transfer students and graduates of accredited universities (Second B.A. or TLP Programs). All students must consult with a Program Advisor in the Elementary Education Program. (<http://www.neiu.edu/academics/college-of-education/departments>)

ELEMENTARY EDUCATION PROFESSIONAL SEQUENCE WITH ADMISSION AND RETENTION REQUIREMENTS BY LEVELS

Each level must be completed to move forward.

- A 2.75 GPA must be maintained in professional sequence coursework.
- A 2.5 GPA must be maintained overall. (If GPA levels are not maintained, student will not be allowed to proceed through the program).

LEVEL 1

Complete EDFN-305 (<http://catalog.neiu.edu/search/?P=EDFN-305>) and EDFN-306 (<http://catalog.neiu.edu/search/?P=EDFN-306>) with a combined grade of 2.75 or better. Complete application to be admitted to College of Education

LEVEL 2

Enroll in ELED 300 and ELED-302 (<http://catalog.neiu.edu/search/?P=ELED-302>) with cumulative GPA of 2.5 and declared major and COE Admission.

- For approval to enroll in ELED-306A (<http://catalog.neiu.edu/search/?P=ELED-306A>) and ELED 328, a disposition form, with a rating of Satisfactory must be obtained from student's instructor in ELED 300. A 2nd disposition form, also with a Satisfactory rating must be obtained from the student's instructor of ELED-304 (<http://catalog.neiu.edu/search/?P=ELED-304>), ELED-305 (<http://catalog.neiu.edu/search/?P=ELED-305>) OR ELED-310 (<http://catalog.neiu.edu/search/?P=ELED-310>). See Program Advisor for more information.
- Students will not be allowed to register in ELED 300 and ELED-302 (<http://catalog.neiu.edu/search/?P=ELED-302>) with an "I" in EDFN-305 (<http://catalog.neiu.edu/search/?P=EDFN-305>) and/or EDFN-306 (<http://catalog.neiu.edu/search/?P=EDFN-306>).
- Attend mandatory clinical information meeting and apply for Clinical Field Experiences: [clinical-experiences-and-student-teaching](http://www.neiu.edu/academics/college-of-education/clinical-experiences-and-student-teaching) (<http://www.neiu.edu/academics/college-of-education/clinical-experiences-and-student-teaching>)
- ELED 300 and ELED-302 (<http://catalog.neiu.edu/search/?P=ELED-302>) must be completed with a "B" or better

LEVEL 3

Complete the following: ELED-304 (<http://catalog.neiu.edu/search/?P=ELED-304>), ELED-305 (<http://catalog.neiu.edu/search/?P=ELED-305>), ELED-310 (<http://catalog.neiu.edu/search/?P=ELED-310>)

Attend mandatory Student Teaching Information meeting and apply for Student Teaching field placement: [cestdept](http://www.neiu.edu/academics/college-of-education/clinical-experiences-and-student-teaching) (<http://www.neiu.edu/academics/college-of-education/clinical-experiences-and-student-teaching>)

LEVEL 4

Complete ELED-306A (<http://catalog.neiu.edu/search/?P=ELED-306A>) and ELED 328 with grade of "B" or better in ELED 328.

Complete remaining methods course: ELED-304 (<http://catalog.neiu.edu/search/?P=ELED-304>), ELED-305 (<http://catalog.neiu.edu/search/?P=ELED-305>), or ELED-310 (<http://catalog.neiu.edu/search/?P=ELED-310>), if not previously taken

Pass the ILTS Content Area Examination, #110 Elementary (<http://www.il.nesinc.com>)

All of the above requirements must be met before proceeding into student teaching.

Attend mandatory CEST orientation meeting.

LEVEL 5

Complete student teaching - ELED-329 (<http://catalog.neiu.edu/search/?P=ELED-329>).

Completion of edTPA (<http://www.neiu.edu/academics/college-of-education/edtpa>) in ELED 329 Student Teaching.

In order for students to be entitled by NEIU for the Illinois Professional Educator License (elementary/middle grades), they must receive a “B” or better in student teaching and have passed the ILTS Elementary/Middle Grades Content Area Test #110 (<http://www.il.nesinc.com>) . In order for students to be licensed by the Illinois State Board of Education, candidates must pass the Teacher Performance Assessment (edTPA) for program completion/entitlement.

Prior to student teaching, all Elementary Education majors must complete a minimum of 100 clock hours of clinical experience to be eligible for licensure in the State of Illinois. This clinical experience (completed concurrently with ELED-306A (<http://catalog.neiu.edu/search/?P=ELED-306A>)) requires placement in a public or private elementary school with a state licensed teacher. To request placement for clinical experience, students must register in the Office of Clinical Experiences and Student Teaching (Please see the section, Clinical Experiences and Student Teaching in this catalog).

In order to be considered for Clinical Experiences, students must be admitted to the College of Education and accepted into the Elementary Education Program. In addition, students must have completed:

EDFN-305	Philosophical And Historical Foundations Of Public Education	3
EDFN-306	Education And Individual Differences	3
ELED-301	Curriculum Of The Elementary School	3
ELED-302	Writing Intensive Program: Foundation Of Teaching The English Language Arts	3

Select two other methods courses

To qualify for Student Teaching, students must maintain a minimum grade point average of 2.75 in the Professional Sequence and a 2.5 cumulative grade point average and have passed the ICTS Content Area Test. No required professional education course may be taken more than twice to achieve an acceptable grade. To be entitled for licensure by the State of Illinois, a student must earn a grade of “B” or better in Student Teaching.

exit REQUIREMENTS FOR DEGREE COMPLETION

- Successful completion of all NEIU General Education Requirements.
- Minimum credit hours for degree: 120 credit hours.
- Maintain cumulative GPA of 2.5.
- Maintain professional sequence GPA of 2.75.
- Evidence of passing ILTS Content Area Test #110 (<http://www.il.nesinc.com>)
- B Grade or Better in Student Teaching

EXIT REQUIREMENTS FOR PROGRAM COMPLETION/ENTITLEMENT

- Successful completion of Levels one to five with evidence of passing score on the Teacher Performance Assessment (edTPA (<http://www.neiu.edu/academics/college-of-education/edtpa>))
- Note: Currently, the ISBE requires licensure candidates to pass the APT exam. This regulation is in the process of being changed. Please check with your advisor or the department chair about the status of the APT exam.

ADDITIONAL REQUIREMENTS FOR LICENSURE

In addition to the successful completion of the Elementary Education major and one of the approved minors or areas of concentration, students must complete the **general education** requirements for the College of Education. These requirements are:

Requirements which are a part of Northeastern’s General Education:

General Education Requirements

Fine Arts		6
Select 6 credit hours from the General Education Program List		
Humanities		9
ENGL-205	Literatures And Literacies	
6 credit hours to be selected		
Behavioral and Social Science		12
HIST-214	United States History 1607-1877	
or HIST-215	United States History 1877-Present	
PSCI-216	American National Government	
GES-104	World Geography	
or GES-305	Geography And Map Skills For Teachers	
Select one of the following Non-Western or Third-World Cultures courses:		
HIST-111C	World History: East Asia	
HIST-111D	World History: Latin America	

HIST-111E	World History: Africa	
HIST-111F	World History: Islam	
ANTH-212	Introduction To Cultural Anthropology	
Biological & Physical Sciences		10
BIOS-110	Introduction To Biology For Educators	
ESCI-121	Introduction To Earth Science	
CHEM-110 or PHYS-110	Chemical Concepts Physics In Everyday Life	
Total hours		37

General Education Requirements which are not on the Gen Ed List

ENGL-101	Writing I ¹	3
ENGL-102	Writing II ¹	3
CMTC-101 or CMTC-202	Public Speaking ¹ Voice and Diction	3
MATH-149 & MATH-150	Math For Elementary Teachers I and Math For Elementary Teachers II With Problem Solving	9
HLED-107	Health For Effective Living	2
Select one Physical Education Activity Course		1
Total Hours		21

¹ Must receive a grade of "C" or higher.

It is recommended to consult with your advisor (<http://www.neiu.edu/academics/college-of-education/departments/teacher-education>) at least once each semester.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
ENGL-101	Writing I	3
Fine Arts course		3
Humanities course		3
Non-Western/Third World course		3
Term Hours		12
Term 2		
MATH-149	Math For Elementary Teachers I	4
ENGL-102	Writing II	3
HIST-214 or 215	United States History 1607-1877	3
CMTC-101	Public Speaking	3
Term Hours		13
Term 3		
Humanities course		3
Area of concentration course		3
Term Hours		6

Second Year

Term 1		Hours
MATH-150	Math For Elementary Teachers II With Problem Solving	5
EDFN-305	Philosophical And Historical Foundations Of Public Education	3
ENGL-205	Literatures And Literacies	3
GES-104	World Geography	3
Term Hours		14

Term 2		
ESCI-121	Introduction To Earth Science	3
PSCI-216	American National Government	3
EDFN-306	Education And Individual Differences	3
CHEM-110 or PHYS 110	Chemical Concepts	3
Area of concentration course		3
		Term Hours
		15
Term 3		
Fine Arts		3
		Term Hours
		3
Third Year		
Term 1		
ELED-300 & SPED-317	Instructional Design In The 21st Century Classroom	3
BIOS-110	Introduction To Biology For Educators	4
ELED-302	Writing Intensive Program: Foundation Of Teaching The English Language Arts	3
ELED-310	Elementary And Middle School Math Methods	3
		Term Hours
		13
Term 2		
BLBC-339 (or ELED 328A)	Culturally Responsive Teaching in Diverse Classrooms	3
ELED-303 & ELED-309	Children's And Young Adult Literature	3
ELED-305	Methods Of Teaching Science In Elementary And Middle Schools	3
EDFN-343	Using Technology In Classrooms	2
ELED-304	Methods Of Teaching Inquiry-Based Social Studies	3
		Term Hours
		14
Term 3		
PEMT 235 or equivalent		3
		Term Hours
		3
Fourth Year		
Term 1		
ELED-306 & ELED-328B	Methods Of Literacy Instruction	6
ELED-320 & ELED-342	Classroom Management	4.5
PEMT 235 or equivalent		3
		Term Hours
		13.5
Term 2		
ELED-329 & EDFN-308	Student Teaching In Elementary Education, K-9	10.5
		Term Hours
		10.5
		Total Hours:
		117

Master of Arts in Teaching in Early Childhood Education

Program Overview

The Master of Arts in Teaching (<http://www.neiu.edu/academics/college-of-education/departments/teacher-education>) (MAT) in Early Childhood Education is designed for students seeking a graduate degree and Licensure to teach young children age 0-8 years. The program provides solid academic course of study as well as diverse, dynamic and enriching learning experiences. The program is aimed at preparing high quality teachers to give young children a strong 21st century foundation for learning and development. Graduates of the program will acquire the knowledge, skills and dispositions necessary for working effectively with typically and atypically developing children in diverse learning environments. The program is composed of 42 credit hours:

Goals of the Program

Graduates of the program will:

1. Acquire deep understanding of the process of human development and learning from birth to age 8 and familiarize with the field of Early Childhood Education from historical, philosophical, theoretical and practical perspectives including legislation and the role of parents
2. Develop enriched awareness of research in educating young children and how such research informs practice to make learning effective and efficient, and also to expand the theoretical base in the field of early childhood education.
3. Build solid academic subject matter content and professional competencies appropriate for 21st century demands of effective teaching, assessment and overall professional practice in the field of Early Childhood Education
4. Experience working with young children and their families from diverse backgrounds and develop rapport with schools, communities and professional organizations including NAEYC
5. Develop comprehensive sets of interpersonal, technological, research, pedagogical and assessment skills to work with young children at different developmental and ability levels in school settings and beyond in ways that are reflective of the 21st century dynamics and challenges.

Admission Requirements

Applicants to the MAT in ECED program will provide evidence that they have:

1. A Bachelor's degree from an accredited college or university
2. A minimum undergraduate GPA of 3.0 (4.0 Scale)
3. Successful completion of the ILTS Test of Academic Proficiency (<http://www.il.nesinc.com>) (TAP) or have an ACT (plus writing) score of 22 or higher.
4. Three professional references who are conversant with applicant's scholarship and experiences with children

NOTE: Conditional admission to the MAT- ECED may be granted to an applicant whose undergraduate GPA falls slightly below the 3.0 requirement but who is otherwise highly qualified. Consideration will be made on an individual basis after a face-to-face interview with the applicant.

Transfer Credits

A maximum of 9 credit hours of graduate level coursework may be accepted into the program upon evaluation of the coursework and determination of equivalence in scope and content.

Retention Requirements

- Maintain at least 3.0 GPA (4.0 Scale)
- Complete required coursework
- Pass ILTS Content Area Test (<http://www.il.nesinc.com>) (Required before placement in ECED 429, Internship).

EXIT REQUIREMENTS FOR THE MAT DEGREE completion:

1. Successful completion of the required courses (42 credit hours) including 135 hour practicum at 3 levels: Infant/Toddler, Preschool/PreK and School Age - Grade 1 to 3.
2. Completion of an action research project - ECED-412.
3. Passing the ILTS Content Area Test
4. Passing ECED 429 (16 week full-time internship in ECED) with a grade of B or higher.

5. Minimum overall GPA of 3.0.

exit requirements for program completion/entitlement:

1. Successful completion of the Exit Requirements for the MAT-ECED degree.
2. Evidence of passing the Teacher Performance Assessment (edTPA (<http://www.neiu.edu/academics/college-of-education/edtpa>)).

The Curriculum

The program is composed of 42 credit hours:

1. Professional Core constituting 18 credit hours (these include early pre-clinical experiences embedded in courses)
2. Methods courses constituting 12 credit hours in
 - a. Language Arts, Music and Art
 - b. Reading
 - c. Math, Science, and Social Studies
 - d. Teaching English Learners
3. Practicum and internship constituting 9 hours
4. A research project constituting 3 credit hours

Course Offerings

Core Courses

ECED-402	Application Of Learning Theories To Early Childhood Education	3
ECED-407	Family, Child And Teacher Interaction In Early Childhood Education	3
SPED-481	Principles Of Diagnosis And Teaching The Child With Special Needs Aged Three To Six Years	3
ECED-408	Language Acquisition And Intervention Strategies For Teachers Of Young Children	3
ECED-410	Curriculum Development In Early Childhood Education	3
ECED-403	Early Childhood Assessment	3

Methods Courses

ECED-411B	Practicum In Early Childhood Education (04 Certification)	3
LTCY-501	Literacy Instruction In Elementary Grades	3
ECED-452	Methods Of Teaching Language Arts, Music & Art In Early Childhood	3
ECED-455	Methods Of Teaching Mathematics, Science & Social Studies In Early Childhood	3
BLBC-440	Methods For Teaching English Learners In Diverse Classrooms	3
ECED-412	Research Seminar In Early Childhood Education	3
ECED 429 - Internship/Student Teaching in Early Childhood Education		6

Total Hours		42
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This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
ECED-408	Language Acquisition And Intervention Strategies For Teachers Of Young Children	3
ECED-410	Curriculum Development In Early Childhood Education	3
	Term Hours	6
Term 2		
ECED-452	Methods Of Teaching Language Arts, Music Art In Early Childhood	3
ECED-455	Methods Of Teaching Mathematics, Science Social Studies In Early Childhood	3

SPED-481	Principles Of Diagnosis And Teaching The Child With Special Needs Aged Three To Six Years	3
<hr/>		
Term Hours		9
Term 3		
ECED-402	Application Of Learning Theories To Early Childhood Education	3
LTCY-501	Literacy Instruction In Elementary Grades	3
ECED-411B	Practicum In Early Childhood Education (04 Certification)	3
<hr/>		
Term Hours		9
Second Year		
Term 1		
ECED-403	Early Childhood Assessment	3
ECED-407	Family, Child And Teacher Interaction In Early Childhood Education	3
<hr/>		
Term Hours		6
Term 2		
ECED-412	Research Seminar In Early Childhood Education	3
BLBC-440	Methods For Teaching English Learners In Diverse Classrooms	3
<hr/>		
Term Hours		6
Third Year		
Term 1		
ECED-429	Internship/Student Teaching In Early Childhood Education	3
<hr/>		
Term Hours		3
<hr/>		
Total Hours:		39

Master of Arts in Teaching in Language Arts: Elementary Education

This program is undergoing curricular revision. Please contact the department for program status.

The Master of Arts in Teaching (MAT) (<http://www.neiu.edu/academics/college-of-education/departments/teacher-education>) in Language Arts: Elementary Education program is designed for students with a Bachelor's degree in a field other than education and who want to become elementary school teachers. Upon successful completion of our MAT program and passing scores on all required state proficiency tests, students will obtain a graduate degree and State of Illinois K-9 teaching licensure. All MAT courses meet in the late afternoon and evening with a pre-set class schedule and sequence to allow students to complete the program in six semesters.

Each semester has students focusing on a specific educational theme: Teacher as Learner; Literacy Across the Curriculum; Teaching for Human Diversity; Curriculum & Schooling Past, Present, and Future; and Inquiry Through the Content Areas. For three semesters, students are connecting those themes to their clinical teaching experiences inside K-8 classrooms. In total, the MAT program includes 200 hours of clinical teaching prior to a full-term of full-time student teaching within a grade level range of their choice (K-2, 3-5, 6-8).

The MAT program is designed to prepare teachers with the knowledge, skills, and dispositions to create dynamic, student-centered classrooms for the 21st century. As designers of creative and critical curriculum, students will learn to truly engage their students in an exploration and understanding of our fascinating, complex, and diverse world. The MAT program has an emphasis on teaching for cultural diversity, teaching diverse students, project- and inquiry-based teaching, authentic literacy across the curriculum, technology integration, and 21st century skills.

NOTE:

Per ISBE requirements, all students admitted into the program before September 1, 2015 must complete their ELED or ELED/BLBC program by **September 1, 2017** or be subjected to the requirements of the new program. Students must also apply for licensure **and be entitled by September 1, 2018**.

Students who are unable to complete the program by September 1, 2017, will have to be re-admitted to the new program, have transcripts evaluated, and may have to take additional coursework.

It is in your best interest to complete your MAT in ELED or MAT in ELED w/BLBC program within this timeline. Our advisors (<http://www.neiu.edu/academics/college-of-education/departments/teacher-education>) are always available to you for guidance through your professional sequence coursework.

Admission Requirements

- An undergraduate Bachelor's degree from an accredited university or college.
- A minimum grade point average of 2.75 (on a 4.0 scale).
- Passing score on the Illinois Test of Academic Proficiency (TAP). Or, in lieu of the TAP test: ACT Plus Writing composite score of at least 22 and a minimum 19 in combined English/writing or an SAT (critical reading and mathematics) composite score of 1030 and a minimum 450 in writing.
- Two letters of professional recommendation.
- A 500-word writing sample essay as part of the program application
- Meeting with the MAT Program Advisor (<http://www.neiu.edu/academics/college-of-education/departments/teacher-education>)
- On-campus group interview (consult program advisor)

State Teacher Tests and Endorsements

According to Illinois state law, MAT students are required to pass: Content-Area Test (#110) and, beginning September 1, 2015, the Teacher Performance Assessment (edTPA (<http://www.neiu.edu/academics/college-of-education/edtpa>)). See your MAT Elementary Education program advisor (<http://www.neiu.edu/academics/college-of-education/departments/teacher-education>) for more information regarding edTPA. More information is available at: <http://www.il.nesinc.com> and <http://www.isbe.net/licensure/requirements/toc.htm>.

Note: Currently, the ISBE requires licensure candidates to pass the APT exam. This regulation is in the process of being changed. Please check with your advisor or the department chair about the status of the APT exam.

Requirements for the MAT in Language Arts: Elementary Education (ELED)

ELED-506	Research Methodologies For Classroom Teachers	3
EDFN-442	Media Technology For Educators	3
LTCY-402	Issues In Literacy Instruction	3
ELED-504	Teaching Writing: Purpose, Voice, Craft	3
ELED-435	Children's And Young Adult Literature	3
EDFN-406	Human Development And Learning	3
BLBC-440	Methods For Teaching English Learners In Diverse Classrooms	3
SPED-404	Survey Of The Field Of Special Education	3
EDFN-405	Development Of Educational Thought	3
ELED-525	New Literacies For The 21st Century	3
ELED-403	Methods Of Teaching Mathematics In Elementary And Middle Schools	3
ELED-415	Teaching Science As Inquiry In Elementary And Middle School	3
ELED-416	Social Studies As Inquiry	3
ELED-428A	Clinical Teaching: Literacy	1
ELED-428B	Clinical Diversity	1
ELED-428C	Clinical Teaching: Content Areas	1
ELED-429	Internship In Elementary Education	6
Total Hours		48

¹ Note: ELED-428A, ELED-428B, and ELED-428C do not meet as a class. See the clinical experience section below.

Clinical Experience

The MAT-ELED program has three clinical experiences prior to student teaching, ELED-428A (<http://catalog.neiu.edu/search/?P=ELED-428A>), ELED-428B (<http://catalog.neiu.edu/search/?P=ELED-428B>), and ELED-428C (<http://catalog.neiu.edu/search/?P=ELED-428C>). All clinicals are a combination of classroom observation and teaching. These do not have separate classes or seminars. Each clinical experience is connected to the courses taken during the term. Discussion and assignments for the clinical experiences are integrated into the courses. The ELED-428A (<http://catalog.neiu.edu/search/?P=ELED-428A>) and ELED-428B (<http://catalog.neiu.edu/search/?P=ELED-428B>) clinicals are in K-5 classrooms; students will be observed teaching by their university supervisor a minimum of two times. For the 428C clinical, the student is placed with a middle school team and divides the time in science, social studies, and math classrooms, and are observed teaching by their university supervisor a minimum of three times.

STUDENT TEACHING

Student teaching is full day for 16 weeks. Students will be observed teaching by their university supervisor a minimum of five times. Passing score on the Content-Area Test (#110) (<http://www.il.nesinc.com>) is required for admission into student teaching.

EXIT REQUIREMENTS FOR DEGREE COMPLETION

Successful completion of all program coursework, clinical experiences and student teaching. Successful completion of Professional Education sequence courses and requirements, except edTPA. Successful completion of two Exit Projects: Curriculum Design and Student Learning Project (CLP) and Teacher as a Learner Project (TLP).

EXIT REQUIREMENTS FOR PROGRAM COMPLETION/ENTITLEMENT

Successful completion of all exit requirements for degree completion and evidence of passing score on edTPA (<http://www.neiu.edu/academics/college-of-education/edtpa>).

Note: Currently, the ISBE requires licensure candidates to pass the APT exam. This regulation is in the process of being changed. Please check with your advisor or the department chair about the status of the APT exam.

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

Term 1		Hours
ELED-506	Research Methodologies For Classroom Teachers	3
EDFN-442	Media Technology For Educators	3
Term Hours		6

Term 2		
LTCY-402	Issues In Literacy Instruction	3
ELED-504	Teaching Writing: Purpose, Voice, Craft	3
ELED-435	Children's And Young Adult Literature	3
ELED-428A	Clinical Teaching: Literacy	1
		Term Hours
		10
Term 3		
EDFN-406	Human Development And Learning	3
BLBC-440	Methods For Teaching English Learners In Diverse Classrooms	3
SPED-404	Survey Of The Field Of Special Education	3
ELED-428B	Clinical Diversity	1
		Term Hours
		10
Second Year		
Term 1		
EDFN-405	Development Of Educational Thought	3
ELED-525	New Literacies For The 21st Century	3
ELED-428B	Clinical Diversity	1
		Term Hours
		7
Term 2		
ELED-403	Methods Of Teaching Mathematics In Elementary And Middle Schools	3
ELED-415	Teaching Science As Inquiry In Elementary And Middle School	3
ELED-416	Social Studies As Inquiry	3
ELED-428C	Clinical Teaching: Content Areas	1
		Term Hours
		10
Term 3		
ELED-429	Internship In Elementary Education	6
		Term Hours
		6
		Total Hours:
		49

Master of Science in Teaching & Inquiry

The Master of Science in Teaching & Inquiry (MSTI) Program is designed for licensed teachers with a minimum of two years of successful K-9 teaching experience in their own classroom. This program has five key features:

- Students design half of their program to focus on the areas of professional growth they are most interested in pursuing.
- The program takes five terms to complete. Each term students take one required core course and one elective. (Term 4 also includes a required 1 credit hour research seminar.)
- Upon acceptance into the program, students meet with a program advisor (<http://neiu.edu/academics/college-of-education/departments/teacher-education/contact-us>) to create an Electives Plan based on their professional goals. This plan may change as students progress through the program based on their evolving interests.
- One elective can be a general education course in the College of Arts and Sciences to improve content knowledge in a subject the student teaches (i.e. history, writing, math, etc.)
- Students will design and implement an original action research project in their classroom based on a specific research/education interest that is developed with program faculty.

The MSTI program is designed to cultivate teachers who are critical and creative educators, connect theory to classroom practice, develop a 21st century classroom curriculum for the success of all students, understand 21st century teaching methodologies, and becoming educational change agents. The program core courses have a focus that includes: critical thinking, human diversity, teaching diverse students, teaching 21st century skills, inquiry- and project-based curriculum design, and action research.

Admission Requirements

- An undergraduate Bachelor's degree from an accredited university or college.
- Current and valid state teacher licensure
- Two letters of recommendation as part of the program application. One must be written by a teacher or administrator at the applicant's school or previous school.
- Evidence of minimum of two years successful K-9 teaching.
- A 400-word writing sample as part of the program application (<http://neiu.edu/academics/graduate-college>) .

Requirements for the MSTI Degree

ELED-506	Research Methodologies For Classroom Teachers	3
ELED-507	Action Research Design Seminar	1
ELED-508	Action Research Project	3
ELED-520	Curriculum And Inquiry	3
ELED-525	New Literacies For The 21st Century	3
BLBC-439	Ethnic Diversity In Our Schools: A Cross Cultural/Linguistic Survey	3
5 Elective Courses ¹		15
Total Hours		31

¹ Students can take any graduate (400 level) course offered in the Teacher Education Department, Literacy Education Department, and Educational Inquiry and Curriculum Studies.

Students can take graduate courses in Special Education and Educational Leadership and Development with the approval of their MSTI program advisor and the selected department. Students can take one course in the College of Arts & Sciences to improve specific content knowledge that they teach (i.e. history, math, writing, etc.). This course must be approved by the program advisor.

Action Research Project

In Term 4, in ELED-507 Action Research Design Seminar, students will design an original research project. In ELED 508 (Term 5) students will carry out their Action Research Project. (If a student is not currently in a classroom, another classroom is used for their action research project.) Students will write their research as an Action Research Paper and share their project in a multimedia presentation in the Action Research Forum. All MSTI students attend the Action Research Forum.

EXIT REQUIREMENTS FOR DEGREE COMPLETION

- Successful completion of all courses
- Action Research Project Paper
- Action Research Project Presentation

endorsement requirements (optional)

If students choose to pursue an endorsement as part of the MSTI Program (such as ESL or Bilingual Education), they must successfully complete all endorsement courses and any tests required by the State of Illinois. See more information in ISBE Website (<http://www.il.nesinc.com>).

This sample curricular map is provided to guide you in the planning of your progression for this major. This guide should not replace regular consultations with your program advisor. For specific recommendations of courses not identified, please consult your program advisor.

First Year

		Hours
Term 1		
ELED-506	Research Methodologies For Classroom Teachers	3
1 Elective course		3
		Term Hours
		6
Term 2		
ELED-525	New Literacies For The 21st Century	3
1 Elective course		3
		Term Hours
		6
Term 3		
ELED-520	Curriculum And Inquiry	3
1 Elective course		3
		Term Hours
		6
Second Year		
Term 1		
BLBC-439	Ethnic Diversity In Our Schools: A Cross Cultural/Linguistic Survey	3
ELED-507	Action Research Design Seminar	1
1 Elective course		3
		Term Hours
		7
Term 2		
ELED-508	Action Research Project	3
1 Elective course		3
		Term Hours
		6
		Total Hours:
		31

Special Licensure and/or Endorsement Programs

Teacher Licensure Program (TLP) for Post-Baccalaureate Students

This program is designed for returning students with degrees in fields other than education who wish to obtain teaching licensure in the following areas:

- Elementary Education, Grades K-9
- Secondary Education, Grades 9-12 (Grades 6-8 with middle school coursework)
 - Biology
 - English
 - History
 - Health
 - Mathematics
- Grades K-12
 - Art
 - Music Education
 - French
 - PE
 - Spanish

Coursework consists of blocks of undergraduate courses and does not lead to a master's degree. (EXCEPTION: there is an option for combining certification with a Master's Degree in content specific areas. Contact the College of Graduate Studies and Research for details.)

Admission Requirements:

- Bachelor's degree from a regionally accredited college or university.
- Minimum undergraduate GPA of 2.5 (4.0 scale). Students with an advanced degree from a regionally accredited university are excused from this requirement.
- Passing score on ILTS Test of Academic Proficiency (TAP) or ACT with Writing or SAT with Writing.
- Evaluation of content coursework for admission into K-12 or 9-12 TLP.

Bilingual/ESL/Endorsement: Elementary education program students have the option of taking coursework leading to an endorsement in Bilingual/Bicultural Education. Contact: Dr. MT Garretón, 773-442-5364

NOTE: Returning students interested in Elementary Education licensure with Bilingual endorsement may instead pursue a Master of Arts in Teaching in Language Arts: Bilingual/Bicultural. See the MAT- in Language Arts: BLBC program section of the Teacher Education Department in this catalog for admission and program requirements.

Returning students interested in Secondary Education licensure with English Language Arts endorsement may instead pursue a Master of Arts in Teaching in Language Arts: Secondary Education. See the Graduate Programs section of the Educational Inquiry and Curriculum Studies Department in this catalog for admission and program requirements.

Middle School Endorsement: Students who wish to receive Middle School Endorsement should contact advisor: Mr. Santiago Tapia, 773-442-5473.

State teacher examinations: Program students must also pass the appropriate ILTS (<http://www.il.nesinc.com>) content-area test prior to student teaching (e.g. Elementary Education, Biology). Beginning Fall 2015, students must also pass the Teacher Performance Assessment (edTPA (<http://neiu.edu/academics/college-of-education/edtpa>)) for program completion/entitlement. Information on these tests is available from the TLP Advisors, Mr. Sean Condon at (773) 442-5374 (Early Childhood, Elementary, or Elementary with a Bilingual endorsement), or Mr. Mike Bochnewych, at (773) 442-5387 (9-12 and K-12).

Elementary Education Endorsement

Requirements

Professional Sequence

36

Area of Concentration

18

AREA OF CONCENTRATION – 18 credit Hours minimum

Students may select an area of concentration completing at least 18 credit hours, 9 of which must be at the 300-level.

The above requirements apply to undergraduate transfer students and graduates of accredited universities (Second B.A. or TLP Programs). All students must consult with a Program Advisor in the Elementary Education Program.

NOTE: Returning students interested in Elementary Education license with a concentration in Language Arts may instead pursue a Master of Arts in Teaching in Language Arts:Elementary Education. See the MAT in Language Arts: ELED Program in the Teacher Education Department Section in this catalog for admission and program requirements.

Music K-12 Endorsement

For information on the Music K-12 certification program, contact the Music Department.

9-12 OR K-12 Education Endorsement

Requirements

Professional Sequence	28
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Major area: Must meet Northeastern's major content coursework requirements in one of the following academic areas:

- Art K-12
- Biology 9-12
- English 9-12
- French K-12
- Health Education 9-12
- History 9-12
- Mathematics 9-12
- Music K-12
- Physical Education K-12
- Spanish K-12

Middle School Endorsement for Licensed Teachers

The Middle School Endorsement is required by the State of Illinois for all teachers of children in grades 6-8 where fifty percent or more of the teaching assignment is to a position comprised of a single subject area of instruction.

Students with baccalaureate degrees and initial licensure as teachers in Illinois will be eligible for the middle school endorsement by taking the following courses:

EDFN-420A	Seminar In Development & Learning: Contemporary Issues In Middle Level Education	3
EDFN-421	Middle School Advisory & Counseling	3

Northeastern has also prepared a course sequence for middle school teachers which is intended to be taken by groups of teachers at a given school in order to effect total school change. Students with questions on the Middle School Endorsement should consult the Middle School Coordinator in the Department of Educational Inquiry and Curriculum Studies.

Nontraditional Degree Programs

Vicki Román-Lagunas, Ph.D., Vice Provost

Kimberly Sanborn, Ph.D., Director

Nontraditional Degree Programs (NDP) Advisory Council

Timothy B. Barnett, Ph.D., Associate Professor

Ruth (Breckie) B. Church, Ph.D., Professor

Jin Kim, Ph.D., J.D., Associate Professor

Eleni Makris, Ph.D., Associate Professor

Nancy A. Matthews, Ph.D., Professor

Erica R. Meiners, Ph.D., Professor

Nontraditional Degree Programs provide expanded opportunities for quality education in two baccalaureate degree completion programs. These programs are self-paced and involve university faculty and individualized academic advising to support students' degree attainment.

Bachelor of Arts in Interdisciplinary Studies (<http://catalog.neiu.edu/archive/2016-2017/nontraditional-degree-programs/bachelor-arts-interdisciplinary-studies>) offers students a variety of options to complete graduation requirements, including prior learning assessment for credit.

University Without Walls (<http://catalog.neiu.edu/archive/2016-2017/nontraditional-degree-programs/university-without-walls>) is a competency-based program that leads to a Bachelor of Arts or Bachelor of Science degree. Students in this program are highly motivated, self-directed, and have clear academic goals.

Competency-based Credit Policy

Nontraditional Degree Programs (NDP) award credit for prior experiential learning in order to acknowledge and validate college level learning that occurs outside the classroom. The Prior Learning Assessment (PLA) option for students who major in the degree completion program Bachelor of Arts in Interdisciplinary Studies (BAIS) helps students determine, demonstrate and document such learning with integrity and rigor through a Prior Learning Portfolio submitted for assessment by faculty evaluation.

Course/Credit Based Approach

The program uses the credit equivalency model of PLA in which students identify an existing credit-bearing course (offered by a regionally accredited American institution of higher education) that states learning outcomes consistent with those of the student's prior experiential learning. The student demonstrates through a portfolio how and when the course-equivalent learning occurred and requests an award of credit. A credentialed faculty member with expertise in the relevant academic area evaluates the portfolio and makes a determination regarding the award of credit. The amount of credit awarded through PLA is limited to 36 credit hours for each student and may be applied to any BAIS degree requirement except Northeastern residency.

University Without Walls

In addition, NDP offers University Without Walls (UWW) degree program. This program awards the bachelor's degree based on demonstrated competencies as determined by Northeastern's faculty. Each competency is assigned a proportional share of the 120 credit hours required of a traditional Northeastern bachelor's degree.

UWW Competency/Component	Equivalent Credit Hours	Percentage of 120 Credit Hours
Depth Area	50	42
Breadth areas (10 each for four areas)	40	33
Effective communication	30	25
TOTAL	120	100

Bachelor of Arts in Interdisciplinary Studies Program

The Bachelor of Arts in Interdisciplinary Studies (BAIS) is a degree completion program designed to meet the undergraduate needs of experienced adults in a manner compatible with career and family responsibilities. Students complete graduation requirements through an alternative, self-paced approach to higher education.

Application Procedures

Before applying to the program, prospective students attend an information meeting during which the many options of the program are described, application materials are distributed, and further application procedures are described. A schedule of meetings is available in B-147, by calling (773) 442-6030 or on our website (<http://www.neiu.edu/academics/nontraditional-degree-programs/prospective-student-meetings>).

Admission Requirements

Applicants must have a high school diploma or the equivalent or special permission granted by the University Provost. An adult holding a baccalaureate degree from a regionally accredited college or university will not be admitted to the Bachelor of Arts in Interdisciplinary Studies Program.

Program Options

The unique structure, flexibility and availability of the Bachelor of Arts in Interdisciplinary Studies Program offers students a variety of options to complete graduation requirements. In addition to taking courses at Northeastern Illinois University and other universities/colleges, students may use a combination of transfer credits from regionally accredited institutions and credits earned through standardized **college level proficiency examinations**. Students also have the option of applying for academic credit through the assessment of a **prior learning portfolio**, which describes and documents college equivalent learning acquired outside the traditional college classroom. BAIS students who submit a portfolio are charged a fee equivalent to the cost of tuition for two credit hours.

Bachelor of Art in Interdisciplinary Studies Concentrations

Students in the Bachelor of Arts in Interdisciplinary Studies (BAIS) Program may elect to complete a concentration. The BAIS Program offers seven concentrations that maintain the flexibility of the Interdisciplinary Studies degree, while helping students to frame the choices they have made regarding course of study. The seven areas are: Fine Arts, Humanities, Natural Sciences, Social Sciences, Leadership, Community Development and Multicultural Studies, and Professional Studies. To fulfill a concentration in any of the first four areas (the traditional general education areas), students must complete 18 upper division hours (300-level) from the relevant departments. To complete a concentration in any of the other three areas, students must complete 18 upper division (300-level) hours of approved courses from relevant departments and fill out a form in consultation with an Interdisciplinary Studies advisor.

Graduation Requirements

To graduate, students must successfully complete the following requirements:

- 120 total semester hours
- Flexible 36-hour general education requirement (12 semester hours each in the humanities and fine arts, the social sciences and the natural sciences/mathematics)
- minimum of 40 semester hours at the upper division (junior/senior) level
- minimum of 24 semester hours of course work at NEIU
- English 101, Grade of "C" or better
- Writing Intensive Program course
- Math/Quantitative Reasoning requirement
- Improving Human Relations course

Students must have an overall cumulative "C" (2.0) grade point average for all work applied toward meeting degree requirements.

More information can be obtained in B-147, by calling (773) 442-6030, or by visiting our **website** (<http://www.neiu.edu/academics/nontraditional-degree-programs>).

NDP-305. Introduction To Library Research And Information Fluency. 1 Hour.

Introduction to Library Research and Information Fluency, Icr. This class will introduce students to library research and issues in information studies. Students will acquire the skills to find and evaluate information and will learn how to create a bibliography and write citations. The course is geared towards students interested in learning how to research for class assignments, prepare research in their major or for graduate studies.

NDP-310. Writing Intensive Program: Diversity In The Workplace. 3 Hours.

Workplace diversity is a hallmark of contemporary life. This course explores multiple dimensions of diversity, including race, class, gender, sexual orientation, and disabilities with the goal of preparing students to function in varied settings. The course is a writing intensive experience, offering the opportunity to develop and hone written communication skills applicable to the workplace.

Prerequisite: ENGL-101 minimum grade of C.

NDP-341. Human Rights: An Introduction. 1 Hour.

Human rights principles have been explicitly enshrined in international documents since the 1948 United Nations Universal Declaration of Human Rights which American leaders helped formulate in the aftermath of the Holocaust. Human rights language is increasingly used in struggles for social justice worldwide. This course introduces students to the conceptions and debates about human rights in the US and globally, examining examples of the ways these values have and have not been implemented or secured.

NDP-342. Environmental Justice. 1 Hour.

This class will give students an overview of issues and concerns related to environmental justice. Understanding environmental issues is crucial today in the context of global warming. This course introduces new ideas through which to consider the environment and our ethical responsibilities living in it.

NDP-351. Time And Project Management Skills. 1 Hour.

This course explores the range and types of time and project management skills used in everyday life, academic and life-long learning, and in work settings. Students will analyze their own styles and theories of time management, learn how to set effective goals and objectives, and learn change management techniques that can be applied to new approaches, strategies, and techniques of time/project management.

University Without Walls Program

The University Without Walls (UWW) Program is a competency-based, self-paced program that leads to a Bachelor of Arts or Bachelor of Science degree. Requiring strong motivation, self-direction, maturity, self-sufficiency and clear academic direction on the part of the student, UWW is geared to meet the adult student's learning needs and long range goals through a course of study that allows for curricular individuality.

Admission

Prospective student meetings are held each semester to explain the program and answer questions. All prospective students are strongly encouraged to attend a prospective student meeting prior to submitting an application. A schedule of prospective student meetings is available in the Nontraditional Degree Programs Office in B-147. You may also obtain a schedule by visiting our NDP website (<http://www.neiu.edu/academics/nontraditional-degree-programs/prospective-student-meetings>) or calling (773) 442-6030.

UWW applicants design their own applications: addressing their need for UWW, outlining their prior learning, proposing new learning goals and identifying human resources. All previous college work must be verified by submitting official transcripts and if the applicant has earned less than 24 semester hours, an official high school transcript or General Educational Development (G.E.D.) test scores must be submitted.

Program Participation

Each student, with an Academic Advisor (a Northeastern faculty member), a Community Advisor, and a UWW Faculty Advisor, develops a Learning Contract which outlines the student's individualized curriculum: prior learning experiences and new learning goals. The UWW student's individualized curriculum has three program requirements: depth, breadth, and effective communication. These three elements provide an organizational structure for the Learning Contract.

Students register for UWW Independent Study hours each semester. At the end of every semester, students submit a Semester Report that specifies learning activities and accomplishments of the semester in relationship to the learning outcomes identified for receiving Independent Study credit hours. Students who make satisfactory academic progress in the program receive a designation of Pass for the Independent Study credit hours in which they are enrolled. To ensure that UWW students make sufficient academic progress, UWW students are expected to meet with their academic and community advisors regularly during the semester in accordance with the University's Credit Hour Policy.

Graduation Requirements

The student's program is monitored closely each semester and upon meeting the Learning Contract terms, the student convenes a Graduation Review Board that has the sole authority to authorize graduation. In addition, students must also fulfill the Writing Intensive Program requirement, the Improving Human Relations requirement and the Math/Quantitative Reasoning requirement. Further details regarding these graduation requirements can be found under the heading "Bachelor's Degree Requirements" elsewhere in this catalog.

More information about the University Without Walls can be obtained in the NDP office, B-147, by calling (773) 442-6030, or by visiting the **NDP website**.

NDP-305. Introduction To Library Research And Information Fluency. 1 Hour.

Introduction to Library Research and Information Fluency, Icr. This class will introduce students to library research and issues in information studies. Students will acquire the skills to find and evaluate information and will learn how to create a bibliography and write citations. The course is geared towards students interested in learning how to research for class assignments, prepare research in their major or for graduate studies.

NDP-310. Writing Intensive Program: Diversity In The Workplace. 3 Hours.

Workplace diversity is a hallmark of contemporary life. This course explores multiple dimensions of diversity, including race, class, gender, sexual orientation, and disabilities with the goal of preparing students to function in varied settings. The course is a writing intensive experience, offering the opportunity to develop and hone written communication skills applicable to the workplace.

Prerequisite: ENGL-101 minimum grade of C.

NDP-341. Human Rights: An Introduction. 1 Hour.

Human rights principles have been explicitly enshrined in international documents since the 1948 United Nations Universal Declaration of Human Rights which American leaders helped formulate in the aftermath of the Holocaust. Human rights language is increasingly used in struggles for social justice worldwide. This course introduces students to the conceptions and debates about human rights in the US and globally, examining examples of the ways these values have and have not been implemented or secured.

NDP-342. Environmental Justice. 1 Hour.

This class will give students an overview of issues and concerns related to environmental justice. Understanding environmental issues is crucial today in the context of global warming. This course introduces new ideas through which to consider the environment and our ethical responsibilities living in it.

NDP-351. Time And Project Management Skills. 1 Hour.

This course explores the range and types of time and project management skills used in everyday life, academic and life-long learning, and in work settings. Students will analyze their own styles and theories of time management, learn how to set effective goals and objectives, and learn change management techniques that can be applied to new approaches, strategies, and techniques of time/project management.

UWW-201. Participated In University Without Walls. 1 Hour.

UWW-202. Participated In University Without Walls. 2 Hours.

UWW-203. Participated In University Without Walls. 3 Hours.

UWW-204. Participated In University Without Walls. 4 Hours.

UWW-205. Participated In University Without Walls. 5 Hours.

UWW-206. Participated In University Without Walls. 6 Hours.

UWW-207. Participated In University Without Walls. 7 Hours.

UWW-208. Participated In University Without Walls. 8 Hours.

UWW-209. Participated In University Without Walls. 9 Hours.

UWW-210. Participated In University Without Walls. 10 Hours.

UWW-211. Participated In University Without Walls. 11 Hours.

UWW-212. Participated In University Without Walls. 12 Hours.

UWW-301. University Without Walls Independent Study. 1 Hour.

University Without Walls students receive credit as they fulfill individualized curricula developed in consultation with and under the direction of the UWW Academic Advisor (or another faculty member recommended by the Academic Advisor), the UWW Community Advisor, and UWW Faculty Advisor.

UWW-302. University Without Walls Independent Study. 2 Hours.

University Without Walls students receive credit as they fulfill individualized curricula developed in consultation with and under the direction of the UWW Academic Advisor (or another faculty member recommended by the Academic Advisor), the UWW Community Advisor, and UWW Faculty Advisor.

UWW-303. University Without Walls Independent Study. 3 Hours.

University Without Walls students receive credit as they fulfill individualized curricula developed in consultation with and under the direction of the UWW Academic Advisor (or another faculty member recommended by the Academic Advisor), the UWW Community Advisor, and UWW Faculty Advisor.

Faculty, Administration, and Emeriti

Our faculty at Northeastern are keen on developing such meaningful interactions. They combine broad knowledge of their fields, unique research pursuits, commitment to public service, and love of teaching.

Here is our most concise list of faculty and administration members that currently exist at Northeastern Illinois University.

Faculty and Administration

Acioli, Paulo H., Ph.D., University Of Illinois at Urbana-Champaign, Professor, Physics, Chair

Adams, Anthony E., Ph.D., University Of South Florida, Associate Professor, Communication Media & Theatre, Chair

Adeodu, Rachel A., Ph.D., University Of Alberta, Associate Professor, Teacher Education

Adler, Rachel, Ph.D., The Graduate Center- CUNY, Assistant Professor, Computer Science

Adler, William, Ph.D., The Graduate Center- CUNY, Assistant Professor, Political Science

Affifi, Rasoul, Ph.D., University Of North Texas, Associate Professor, Management & Marketing

Al-Bazi, Sargon, Ph.D., University Of Manitoba, Professor, Chemistry, Chair

Ali, Sunni, Ed.D., Roosevelt University, Assistant Professor, Educational Inquiry & Curriculum Studies

Aliabadi, Sara, Ph.D., The University of Memphis, Assistant Professor, Accounting, Business Law & Finance

Alvarez, Wilfredo, Ph.D., University Of Colorado At Boulder, Assistant Professor, Communication Media & Theatre

Ambriz, Kimberly R., M.F.A., University Of Iowa, Associate Professor, Art, Chair

Amos, Maureen, M.A., DePaul University, Director, Financial Aid

Anderson, Gregory, Ph.D., University Of California - Berkeley, Professor, Physics

Anderson, Jacqueline, Ph.D., Loyola University Of Chicago, Associate Professor, Social Work

Anil Pillai, Deepa, Ph.D., Southern Illinois University Carbondale, Assistant Professor, Management & Marketing

Annarella, Lorie A., Ed.D., University Of Pittsburgh, Associate Professor, Teacher Education

Ayman-Nolley, Saba, Ph.D., University Of Chicago, Professor, Psychology, Chair

Bae, Sangmin, Ph.D., Purdue University, Professor, Political Science

Bai, Hua, Ph.D., Purdue University, Associate Professor, Educational Inquiry & Curriculum Studies

Ball, James, Ph.D., Southern Illinois University Carbondale, Assistant Professor, Health, Physical Education, Recreation and Athletics

Banas, Jennifer, Ed.D., Northern Illinois University, Associate Professor, Health, Physical Education, Recreation and Athletics

Barden, Kimya, Ph.D., Loyola University Of Chicago, Assistant Professor, Educational Inquiry & Curriculum Studies

Barnett, Timothy P., Ph.D., Ohio State University, Associate Professor, English

Beaty, Lee, Ph.D., University Of Illinois at Chicago, Professor, Counselor Education

Bedell, Michael, Ph.D., Indiana University, Professor, Management & Marketing, Dean, College of Business and Management

Bell-Jordan, Katrina E., Ph.D., Ohio University, Professor, Communication Media & Theatre, Associate Dean, College of Arts & Sciences

Benjamin, Russell, Ph.D., University Of Florida, Professor, Political Science

Benson, Suzanne G., Ph.D., University Of Illinois at Urbana-Champaign, Director, Continuing & Professional Education

Berlin, Lawrence N., Ph.D., University Of Arizona, Professor, Teaching English to Speakers of Other Languages, Director, International Programs

Bethea, Sharon L., Ph.D., University Of Missouri - Columbia, Associate Professor, Counselor Education

Beyda, Sandra, Ph.D., Purdue University, Professor, Special Education, Interim Dean, Daniel L. Goodwin College of Education

Bird, Katherine, Ph.D., University Of Illinois at Chicago, Assistant Professor, Mathematics

Birmingham, Rachel, Ph.D., Auburn University At Montgomery, Assistant Professor, Justice Studies

Bisbey, Brandon, Ph.D., Tulane University of Louisiana, Assistant Professor, World Languages and Cultures

Black, Terrence, M.Eng., University Of Illinois at Chicago, Director, UTS Technical Support

Bloom, Zachary D., Ph.D., Univeristy Central Florida, Assistant Professor, Counselor Education

Bohr, Louise Ann, Ph.D., University Of Illinois at Chicago, Professor, Literacy, Leadership and Development

Bolterstein, Elyse, Ph.D., University Of Illinois at Chicago, Assistant Professor, Biology

Brake, Andrew G., Ph.D., University Of Chicago, Assistant Professor, Biology

Brelias, Anastasia G., Ph.D., University Of Colorado At Boulder, Associate Professor, Educational Inquiry & Curriculum Studies

Brown, Deon, J.D., Loyola University Of Chicago, Associate Director, Center for College Access & Success

Brown, Kathleen, Ph.D., Purdue University, Associate Professor, Special Education

Buell, Marcia, Ph.D., University Of Illinois at Urbana-Champaign, Associate Professor, English

Bueno, Christina M., Ph.D., University Of California - Davis, Associate Professor, History

Bultinck, Howard J., Ph.D., Northwestern University, Professor, Literacy, Leadership and Development, Chair

Bush, Lynn H., Ph.D., University Of Illinois at Chicago, Professor, Literacy, Leadership and Development

Byard, Vicki, Ph.D., Purdue University, Professor, English

Cannon, Ellen S., Ph.D., University Of Massachusetts At Amherst, Professor, Political Science

Cantu, Jorge Armando, Ph.D., Northwestern University, Assistant Professor, Biology

Cappeck, John, M.B.A., Dominican University, Director, UTS Applications

Carlsen, Anthony, B.S., Northeastern Illinois University, Webmaster Coordinator, University Media Services

Casey, John P., Ph.D., Loyola University Of Chicago, Associate Professor, Philosophy

Castillo, Rosalinda, B.S., Northern Illinois University, Director, Purchasing, Procurement & Support Services

Chakonas, Elaine S., Ed.D., Loyola University Of Chicago, Associate Professor, Teacher Education

Chang, Peter M., Ph.D., University Of Illinois at Urbana-Champaign, Professor, Music

Chaudri, Amina, Ph.D., University Of Chicago, Assistant Professor, Teacher Education

Chen, Hong Gee (Andy), Ph.D., University Of Tennessee - Knoxville, Associate Professor, Accounting, Business Law & Finance

Chen, Mei-Whei, Ph.D., Indiana University, Professor, Counselor Education

Church, Ruth, Ph.D., University Of Chicago, Professor, Psychology

Ciecierski, Christina, Ph.D., University Of Illinois at Chicago, Associate Professor, Economics

Cloonan, Denise L., Ph.D., University Of Delaware, Distinguished, Professor, World Languages and Cultures, Chair

Cofer, R. Shayne, Ph.D., University Of Iowa, Professor, Music, Chair

Colak, Huseyin, Ph.D., Indiana University, Associate Professor, Educational Inquiry & Curriculum Studies

Cordell, Sarah, D.A., University Of Illinois at Chicago, Associate Professor, Mathematics

Cortez, Gabriel A., Ph.D., University Of Illinois at Urbana-Champaign, Associate Professor, Literacy, Leadership and Development

Curran, Catherine A., M.A., Argosy University, Director, Admissions

Currier, Kenneth F., Ph.D., University Of Wisconsin - Madison, Associate Professor, Counselor Education

Davis, Lesa C., Ph.D., Southern Illinois University Carbondale, Associate Professor, Anthropology

de Bruyn, Martyn, Ph.D., Purdue University, Associate Professor, Political Science

De La Torre, Maria Eugenia, Ph.D., University Of Oregon, Associate Professor, Justice Studies

Deutsch, Craig, M.B.A., M.S.W., University Of Michigan, Assistant Vice President, Business Services

Dhiensiri, Nont, Ph.D., University Of Pittsburgh, Associate Professor, Accounting, Business Law & Finance

Dizon, Mike, M.B.A., M.S., Univeristy of Illinois, Chief Communications Officer

Dolan, Paul J., Ph.D., Dartmouth College, Professor, Physics

Dorai, Sundaram, D.B.A., Mississippi State University, Associate Professor, Management & Marketing, Chair

Dorestani, Alireza, Ph.D., The University of Memphis, Associate Professor, Accounting, Business Law & Finance

Downy, Liesl V., B.A., Indiana University, Vice President, Institutional Advancement

Drake, Craig W., B.B.A., Northwood University, Chief Information Security Officer

Duffy, Katie, M.F.A., Maryland Institute College Of Art, Assistant Professor, Art

Duggan, Timothy, Ed.D., University Of South Dakota, Associate Professor, Educational Inquiry & Curriculum Studies

Dykema-Engblade, Amanda A., Ph.D., Loyola University Of Chicago, Associate Professor, Psychology

Eisenberg, Andrew, Ph.D., University Of Washington, Professor, History

Eishafie, Essam A., Ph.D., Kent State University, Associate Professor, Accounting, Business Law & Finance

Erber, Maureen, Ph.D., University of North Carolina, Professor, Psychology

Erian, Alicia, M.F.A., Norwich University, Assistant Professor, English

Eze, Chielozone E., Ph.D., Purdue University, Associate Professor, English

Farmer Jr., Alvin D., Ph.D., Penn State University, Associate Professor, Psychology

Farzaneh, Mateo, Ph.D., University Of California - Santa Barbara, Associate Professor, History

Filipp, Robert, M.B.A., Northern Illinois University, Assistant Vice President, Procurement & Support Services

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Fraiman, Ana, Ph.D., Technion - Israel Institute Of Technology, Professor, Chemistry

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Guysenir, Maurice G., Ph.D., Northwestern University, Professor, Teacher Education

Haas, Raoul R., M.A., Northwestern University, Associate Professor, Teacher Education

Hall, Dennis M., Ph.D., University of Washington, Professor, Biology

Harrison, S. Lorenzo, Ph.D., Indiana University, Professor, History

Haskell, John F., Ed.D., Columbia University, Professor, Linguistics

Hawley, Jane S., Ph.D., Northwestern University, Professor, Counselor Education

Headley, Bernard D., Ph.D., Howard University, Professor, Justice Studies

Hemmer, Geraldine M., Ph.D., Illinois Inst Of Technology, Associate Professor, Mathematics

Hesler, Richard, M.A., University Of Iowa, Professor, Communication Media and Theatre

Hieshima, Joyce A., Ph.D., Northwestern University, Professor, Literacy Education Department

Higginbotham, Richard C., M.A., Univ Of Illinois At Chicago, Associate Professor, Library

Hilfman, Tillie, M.A., Northeastern Illinois University, Assistant Professor, Teacher Education

Hoagland, Sarah, Ph.D., University of Cincinnati, Distinguished, Professor, Philosophy

Hoberg, Thomas J., Ph.D., University Of Chicago, Professor, English

Hoffman, Donald L., Ph.D., New York University, Professor, English

Hofler, Henry Durward, Ph.D., Northwestern University, Professor, Management and Marketing

Hostetler, Frank C., H.S.D., Indiana University, Professor, Health, Physical Education, Recreation and Athletics

Howard, C. Jeriel, Ph.D., Texas Christian University, Professor, English

Hudson, Randolph H., Ph.D., Stanford University, Professor, English

Hunt, Edmund B., Ph.D., Ohio State University Main, Professor, Special Education

Hunt, Sandra, Ph.D., University of North Carolina, Associate Professor, English

Hurt, Phyllis, D.M.A., University of Illinois (Urbana), Professor, Music

Inbody, Noah M., Ed.D., Northern Illinois University, Professor, Counselor Education

Jacobson, Anita, M.Ed., National College of Education, Assistant Professor, Special Education

James, Kenneth W., Ph.D., Northwestern University, Associate Professor, Special Education

Jensen, Anna-Lise, Ph.D., Univ Of Illinois At Chicago, Professor, Mathematics

Kamau, Lucy Jane, Ph.D., University Of Chicago, Professor, Anthropology

Karr, Jo Ann, Ph.D., Northern Illinois University, Professor, Teacher Education

Kiang, Ying-Cheng, Ph.D., Columbia University, Professor, Geography and Environmental Studies

Kirk, R. Bruce, Ph.D., Purdue University, Professor, Psychology

Klein, Dorette, Ph.D., University Of Chicago, Assistant Professor, World Languages and Cultures

Knepler, Myrna C., Ph.D., Illinois Institute of Technology, Professor, Linguistics

Komaiko, Libby A., B.A., Northeastern Illinois University, Professor, Music

Koo, Joo O., Ph.D., Ohio State University Main, Professor, Mathematics

Korkatsch-Groszko, Maria, Ph.D., Roosevelt University, Univ Of Illinois At Chicago, Loyola University Of Chicago, Professor, Teacher Education

Krueger, Marcella, M.A., Columbia University, Associate Professor, Teacher Education

Krump, Jacqueline, Ph.D., Northwestern University, Professor, English

LaBudde, C. Donald, Ph.D., New York University, Professor, Computer Science

Lamp, Herbert F., Ph.D., University of Chicago, Professor, Biology

Landerholm, Elizabeth, Ed.D., Northern Illinois University, Professor, Teacher Education

Lawson, Courtney B., M.A., University of Chicago, Associate Professor, English

Lazow, Alfred, Ed.D., Boston University, Professor, Teacher Education

Leafman, Joan S., Ph.D., Northwestern University, Professor, Health PE Recreation and Athletics

Lease, Benjamin, Ph.D., University of Chicago, Professor, English

Lehmann, Wilma H., Ph.D., University of Illinois (Urbana), Professor, Biology

Lerner, Janet, Ph.D., New York University, Professor, Special Education

Lerner, Jules M., Ph.D., Johns Hopkins University, Professor, Biology

Levin, Marian, M.Ed., Loyola University, Assistant Professor, Library

Lockwood, James R., Ph.D., Univ Of Ill Urbana-Champaign, Professor, Teacher Education

Lucas, James A., M.M., University Of Iowa, Professor, Music

Mach, Elyse J., Ph.D., Northwestern University, Professor, Music

Maksy, Mostafa M., Ph.D., Cuny Grad Sch And Univ Center, Professor, Accounting Business Law Finance

Mc Coy, O. Evalyn, M.A., University Of Chicago, Professor, Social Work

Messerer, Jeffrey A., Ph.D., Indiana University, Professor, Special Education

Moraites, Maria, Ph.D., Loyola University Of Chicago, Professor, Communication Media and Theatre

Murata, Alice K., Ph.D., Northwestern University, Instructor, Counselor Education

Murphy, John J., M.A., University Of Chicago, Professor, Political Science

Neal, Phillip G., J.D., Southern Ill Univ Carbondale, Assistant Professor, Accounting Business Law Finance

O'Hara, Paul P., Ph.D., University Of California - Los Angeles, Professor, Mathematics

Odisho, Edward Y., Ph.D., Col&Univ-United King, Professor, Teacher Education

Olson, Jerry Brooks, Ph.D., University Of Chicago, Professor, Educational Leadership and Development

Pariza, Janet L., Ed.D., Northern Illinois University, Professor, Literacy, Leadership and Development

Pedroso, Angelina, Ph.D., University of Havana, Associate Professor, World Languages and Cultures

Pizzi, William J., Ph.D., Illinois Inst Of Technology, Professor, Psychology

Quinn, William J., Ph.D., Boston University, Professor, Health, Physical Education, Recreation and Athletics, Chair

Reynolds, Audrey L., Ph.D., Northwestern University, Department Chair, Linguistics

Reynolds, Lynne D., Ph.D., Northwestern University, Professor, Special Education

Richek, Margaret A., Ph.D., University Of Chicago, Professor, Teacher Education

Riess, Steven A., Ph.D., University Of Chicago, Professor, History

Roller, Russell K., M.F.A., Southern Ill Univ Carbondale, Professor, Art

Rutschman, David, Ph.D., University Of New Mexico, Professor, Mathematics

Schevers, Thomas J., Ph.D., Loyola University Of Chicago, Associate Professor, Special Education

Schiffman, Zachary S., Ph.D., University Of Chicago, Distinguished, Professor, History

Scott, Barbara M., Ph.D., Northwestern University, Professor, African American Studies

Shabica, Charles W., Ph.D., University Of Chicago, Associate Professor, Earth Science

Shub, Allen N., Ph.D., Loyola University Of Chicago, Professor, Management & Marketing, Associate Provost, Academic Affairs

Sochen, June, Ph.D., Northwestern University, Department Chair, History

Speake, Constance J., Ph.D., University Of Oregon, Associate Professor, Music

Spencer, Nancy A., M.A., B.A., University Of Chicago, Bryn Mawr College, Instructor, Anthropology

Stehman, Diane L., Ph.D., Univ Of Illinois At Chicago, Department Chair, Economics

Stehman, Robert M., Ph.D., University Of Delaware, Professor, Physics

Steinberg, Salme Harju, Ph.D., Johns Hopkins University, President Emerita, Professor, History

Stonebraker, Peter W., Ph.D., Arizona State University, Professor, Management and Marketing

Stuart, Edward F., Ph.D., University of Oklahoma, Professor, Economics

Truty, Daniela, Ed.D., Northern Illinois University, Associate Professor, Literacy, Leadership and Development

Unumb, David F., Ph.D., Loyola University Of Chicago, Professor, Communication Media and Theatre

Upadhyay, Hans D., Ph.D., Col&Univ-Canada, Lincoln Memorial University, Professor, Earth Science

Varophas, Kusol, Ph.D., Johns Hopkins University, Professor, Political Science

Villegas, Joaquin, Ph.D., University Of Notre Dame, Associate Professor, Teacher Education

Walsh, Patricia C., Ed.D., Indiana University, Professor, Special Education

Wang, Shu-Shin, Ph.D., West Virginia University, Professor, Political Science

Courses

Academic Development (ACAD)

Courses

ACAD-101A. Special Programs Seminar I: Help Program. 3 Hours.

ACAD-101B. Special Programs Seminar I: Project Success. 3 Hours.

This course covers college success strategies by: 1) developing students' self-awareness and self assessment; 2) promoting a better understanding and appreciation of educational, cultural and professional environments and specifically, the NEIU environment and 3) cultivating and enhancing students' learning, organizational and critical thinking skills as well as helping students define career options while integrating computer technology. Students will also understand and apply appropriate general education concepts.

ACAD-101C. Special Programs Seminar I: Proyecto Pa'Lante. 3 Hours.

This course covers college success strategies by (1) developing students' self-awareness and self assessment; (2) promoting a better understanding and appreciation of education, cultural and professional environments and specifically, the NEIU environment, and (3) cultivating and enhancing students' learning, organization and critical thinking skills and define career options while integrating computer technology. Students will also understand and apply appropriate general education concepts.

ACAD-101D. Special Programs Seminar I: Student Support Services. 3 Hours.

ACAD-102B. Special Programs Seminar II: Project Success. 3 Hours.

This course reviews college success strategies as described in ACAD-101B (<http://catalog.neiu.edu/search/?P=ACAD-101B>) Special Program Seminar I: Project Success and is designed for students who have not successfully completed the first Fall term or have not earned a C or better grade in ACAD-101C (<http://catalog.neiu.edu/search/?P=ACAD-101C>) at NEIU based on the Project Success Participant Agreement.

ACAD-102C. Special Programs Seminar II: Proyecto Pa'Lante. 3 Hours.

This course covers college success strategies as described in ACAD-101C (<http://catalog.neiu.edu/search/?P=ACAD-101C>) Special Program Seminar I: Proyecto Pa'Lante and is designed for students who have not successfully completed the first Fall term or have not earned a C or better grade in ACAD-101C (<http://catalog.neiu.edu/search/?P=ACAD-101C>) at NEIU based on the Proyecto Pa'Lante Participation Agreement.

ACAD-102D. Special Programs Seminar II: Student Support Services. 3 Hours.

ACAD-102E. Special Programs Seminar II: Project Success' Topics On Pan Africanism. 3 Hours.

Designed to further increase the retention of primarily African American students by developing their self-esteem through continued emphasis on increasing reading and writing/research skills acquired through the study of African/African American people, culture and experiences.

ACAD-102F. Special Programs Seminar II: Topics In The Asian American Experience. 3 Hours.

Designed to further increase the retention of primarily Asian American students by developing their self-esteem through continued emphasis on enhancing reading, writing and communication skills acquired through the teaching of topics concerning the Asian-American culture and experience.

ACAD-103. University Seminar. 3 Hours.

Accounting (ACTG)

Courses

ACTG-201. Introduction To Financial Accounting. 3 Hours.

Accounting is a system for measuring economic activities. This course introduces to students the underlying assumptions, concepts, and methods of financial accounting regarding the recording, processing, and reporting of an organization's economic activities in financial statements to external decision makers. Prereq.: MATH-165 (<http://catalog.neiu.edu/search/?P=MATH-165>).

Prerequisite: MATH-165 (<http://catalog.neiu.edu/search/?P=MATH-165>) minimum grade of C.

ACTG-202. Introduction To Managerial Accounting. 3 Hours.

This course focuses on managerial accounting. It emphasizes the use of accounting information for management planning and control decisions. Topics include analysis of cost behavior, budgeting, and other managerial issues. Prereq.: MATH-165 (<http://catalog.neiu.edu/search/?P=MATH-165>) and ACTG-201 (<http://catalog.neiu.edu/search/?P=ACTG-201>).

Prerequisites: ACTG-201 (<http://catalog.neiu.edu/search/?P=ACTG-201>) minimum grade of C and MATH-165 (<http://catalog.neiu.edu/search/?P=MATH-165>) minimum grade of C.

ACTG-300. Principles Of Accounting. 3 Hours.

This course surveys the basic accounting concepts and procedures used in the preparation of financial statements, statement analysis and managerial planning and control. Topics covered include accounting for internal planning. The course is targeted toward undergraduate non-business-major students with no prior knowledge of accounting, to study and obtain an overall fundamental understanding and appreciation of the use of accounting information. This course cannot be counted for credit toward a major in business.

Prerequisite: (MATH-092 (<http://catalog.neiu.edu/search/?P=MATH-092>) - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

ACTG-301. Cost Accounting I. 3 Hours.

The course expands upon the study of accounting information that is needed by management to plan and control various operations of an organization and to price products and services. Topics include job order and process costing systems, standard costing and variance analysis, budgeting, direct, absorption and throughput costing, and cost-volume-profit (including break-even) analysis. Prereq.: All Foundation Courses Including ACTG-202 (<http://catalog.neiu.edu/search/?P=ACTG-202>).

Prerequisite: ACTG-202 (<http://catalog.neiu.edu/search/?P=ACTG-202>) minimum grade of C.

ACTG-306. Accounting For Non-Profit Organizations. 3 Hours.

A study of the special techniques employed in recording and reporting financial data of non-profit government units and private non-profit organizations.

Prerequisite: ACTG-322 (<http://catalog.neiu.edu/search/?P=ACTG-322>) minimum grade of C.

ACTG-307. Auditing Theory And Problems. 3 Hours.

Auditing contributes to the reliability of financial and other data. This course, comprised of theory and philosophy of auditing, makes it an essential part of an accountant's knowledge. Topics include standards-general, field work and reporting, evidential matter, review of internal control, auditing techniques, practices, problem-solving, and a study of A.I.C.P.A. industry audit guides.

Prerequisite: ACTG-322 (<http://catalog.neiu.edu/search/?P=ACTG-322>) minimum grade of C.

ACTG-308. Advanced Auditing. 3 Hours.

This course enhances the students understanding of auditing principles. Included is a detailed study of statements of auditing standard, evidential matter, techniques, problem solving, and a study of AICPA industry audit guidelines.

Prerequisite: ACTG-307 (<http://catalog.neiu.edu/search/?P=ACTG-307>) minimum grade of C.

ACTG-309. Foundations Of Forensic & Investigative Accounting. 3 Hours.

The purpose of this course is to cover important topics associated with contemporary forensic and investigative accounting. Topics include fraud auditing, litigation support, valuation, cybercrime, and other key forensic topics. Prereq. ACTG-201 (<http://catalog.neiu.edu/search/?P=ACTG-201>) and ACTG-202 (<http://catalog.neiu.edu/search/?P=ACTG-202>).

Prerequisites: ACTG-201 (<http://catalog.neiu.edu/search/?P=ACTG-201>) minimum grade of C and ACTG-202 (<http://catalog.neiu.edu/search/?P=ACTG-202>) minimum grade of C.

ACTG-310. Federal Income Tax (Individual). 3 Hours.

Fundamentals of tax accounting and reporting with emphasis on individuals. Topics include gross income and exclusions, deductions to arrive at and deductions from gross income, gain or loss recognition, basis, capital gains and losses, credits and administration.

Prerequisite: ACTG-202 (<http://catalog.neiu.edu/search/?P=ACTG-202>) minimum grade of C.

ACTG-311. Federal Income Tax (Corporate). 3 Hours.

Advanced development of topics discussed in the first tax course. Additional topics include matters specifically applicable to partnerships, corporations, and basic introductions to estate and gift taxes. Tax research techniques are also developed in the subject.

Prerequisite: ACTG-310 (<http://catalog.neiu.edu/search/?P=ACTG-310>) minimum grade of C.

ACTG-312. Cost Accounting II. 3 Hours.

This course is a logical continuation of the prerequisite course with even greater emphasis on accounting information used for management planning and control. Topics include division performance measurement, transfer pricing, and application of quantitative techniques to cost accounting.

Prerequisite: ACTG-301 (<http://catalog.neiu.edu/search/?P=ACTG-301>) minimum grade of C.

ACTG-313. Internal Auditing And Management Control. 3 Hours.

Internal auditing is an independent appraisal activity within an organization for the review of operations aimed at promoting its efficiency and effectiveness. This course explores the concepts and standards of internal auditing and their applications. Topics include the discussion of the nature and environment of internal auditing, disciplines related to internal auditing, internal auditing process and the organization and administration of an internal auditing department.

Prerequisites: ABF-350 (<http://catalog.neiu.edu/search/?P=ABF-350>) minimum grade of C and ACTG-307 (<http://catalog.neiu.edu/search/?P=ACTG-307>) minimum grade of C.

ACTG-319. Fraud Examination. 3 Hours.

This course is designed to introduce students to basic topics associated with fraud involving accounting information. It provides an overview of techniques to detect fraud, procedures to assess fraud risk, and measures to deter and prevent fraud.

Prerequisite: ACTG-321 (<http://catalog.neiu.edu/search/?P=ACTG-321>) minimum grade of C.

ACTG-321. Intermediate Financial Accounting I. 3 Hours.

This is the first course in the professional financial accounting sequence. This course emphasizes the conceptual framework underlying financial accounting, preparation of financial statements, and the accounting treatment of current assets, long-term assets, and current liabilities. Prereq.: All Foundation Courses including ACTG-202 (<http://catalog.neiu.edu/search/?P=ACTG-202>).

Prerequisite: ACTG-202 (<http://catalog.neiu.edu/search/?P=ACTG-202>) minimum grade of C.

ACTG-322. Intermediate Financial Accounting II. 3 Hours.

This is the second course in the professional financial accounting sequence. This course emphasizes long-term liabilities, equity, revenue recognition and the statement of changes.

Prerequisite: ACTG-321 (<http://catalog.neiu.edu/search/?P=ACTG-321>) minimum grade of C.

ACTG-324. Advanced Financial Accounting IV. 3 Hours.

This is the third course in the professional financial accounting sequence. This course emphasizes consolidations for large multi-national and domestic corporations. Prereq.: ACTG-322 (<http://catalog.neiu.edu/search/?P=ACTG-322>).

Prerequisite: ACTG-322 (<http://catalog.neiu.edu/search/?P=ACTG-322>) minimum grade of C.

ACTG-325. Contemporary Financial Accounting Issues. 3 Hours.

The course covers an in-depth investigation of contemporary accounting issues and problems, including analysis and evaluation of most recent accounting pronouncements and articles in major accounting journals.

Prerequisite: ACTG-322 (<http://catalog.neiu.edu/search/?P=ACTG-322>) minimum grade of C.

ACTG-380. International Accounting. 3 Hours.

This course is concerned with an examination of the environmental factors affecting accounting concepts and standards. Differences in the cultural, social, political, legal and economic environment are the determining factors in the selection of accounting concepts and standards. Coverage will include country and regional studies and accounting problems related to multinational businesses such as foreign currency translation.

Prerequisite: ACTG-322 (<http://catalog.neiu.edu/search/?P=ACTG-322>) minimum grade of C.

ACTG-382. Internship In Accounting. 3 Hours.**ACTG-383. Internship In Accounting. 4 Hours.****ACTG-384. Internship In Accounting. 5 Hours.****ACTG-385. Internship In Accounting. 6 Hours.****ACTG-386. Independent Study In Accounting. 3 Hours.****ACTG-387. Independent Study In Accounting. 2 Hours.****ACTG-388. Independent Study In Accounting. 1 Hour.****ACTG-400. Fundamentals Of Accounting. 4 Hours.**

This course is designed for graduate students with no prior knowledge of accounting. Students will study and obtain an overall fundamental understanding and appreciation of the use of accounting information for making business decisions. This is a condensed, fast-paced course that addresses the topics of financial accounting for external reporting and managerial accounting for internal planning, control and decision-making of business operations.

ACTG-402. Managerial Accounting. 3 Hours.

This course focuses on managerial accounting. Managerial accounting is a company's internal language. It emphasizes the use of accounting information for planning, control, and decision making. Topics include relevant costing, cost behavior analysis, product costing, budgetary control, and performance evaluation. Prereq.: ACTG-400 (<http://catalog.neiu.edu/search/?P=ACTG-400>) or equivalent and graduate standing.

Prerequisite: ACTG-400 (<http://catalog.neiu.edu/search/?P=ACTG-400>) minimum grade of C.

ACTG-406. Governmental & Not-For-Profit Accounting. 3 Hours.

The course is designed to introduce students to the requirements of accounting for not-for-profit and federal, state, and local governmental entities. These entities are required to follow the pronouncements of either the Financial Accounting Standards Board or the Government Accounting Standards Board. The financial accounting and reporting concepts, standards and procedures applicable to federal, state, and local governmental entities and not-for-profit organizations will be discussed.

Prerequisite: ACTG-400 (<http://catalog.neiu.edu/search/?P=ACTG-400>) minimum grade of C.

ACTG-407. Auditing Theory And Practice. 3 Hours.

Integrates accounting standards, accounting systems, internal control structures and the dual auditing functions of obtaining and evaluating evidence- all within the context of a professional environment.

Prerequisite: ACTG-421 (<http://catalog.neiu.edu/search/?P=ACTG-421>) minimum grade of C.

ACTG-408. Information Technology Auditing. 3 Hours.

The purpose of this course is to teach students how to audit computer-based accounting information systems; therefore, this course focuses on evaluation of accounting systems controls, tests accounting data integrity, and discusses the nature and use of expert systems in accounting with emphasis on their use as an audit tool.

Prerequisite: ACTG-307 (<http://catalog.neiu.edu/search/?P=ACTG-307>) minimum grade of C.

ACTG-409. Forensic And Investigative Accounting. 3 Hours.

This course is designed to introduce students to basic topics associated with forensic and investigative accounting. It helps students to understand and design procedures related to fraud detection, computing economic damages, and business valuation, among other topics. To enroll in this course, you must have completed ACTG-307 (<http://catalog.neiu.edu/search/?P=ACTG-307>), with a graduate standing. If you have not met these prerequisites, you must withdraw from this class. Students who do not meet the course prerequisites and who do not drop voluntarily during the first week of class will be administratively withdrawn later in the semester.

Prerequisite: ACTG-307 (<http://catalog.neiu.edu/search/?P=ACTG-307>) minimum grade of C.

ACTG-410. Seminar In Tax Planning. 3 Hours.

This course focuses on a managerial approach to taxation through emphasis on major provisions of the income tax law and related administrative and judicial rulings as they affect business transactions. This course also includes consideration for the tax structure and its role as a tool for business planning.

Prerequisite: ACTG-400 (<http://catalog.neiu.edu/search/?P=ACTG-400>) minimum grade of C.

ACTG-412. Accounting For Planning And Control. 3 Hours.

This course provides for systematic and in-depth discussion and analysis of various accounting models which are useful to organizational planning and control, including the role of accounting systems in developing and refining data necessary for cost and managerial planning.

Prerequisites: ACTG-401 minimum grade of C and ACTG-402 (<http://catalog.neiu.edu/search/?P=ACTG-402>) minimum grade of C.

ACTG-421. Current Topics In Financial Accounting. 3 Hours.

This course provides a conceptual framework for current issues in financial accounting measurement and reporting, and valuation of assets, liabilities and income determination and other necessary disclosures of financial information.

Prerequisite: ACTG-400 (<http://catalog.neiu.edu/search/?P=ACTG-400>) minimum grade of C.

ACTG-422. Financial Statement Analysis. 3 Hours.

This course is designed to prepare students to interpret, analyze and evaluate corporate financial statements effectively for the purpose of reaching informed lending, investment, and other business related decisions. Topics include overview of financial statements, assessment of accounting quality, tools of profitability and risk analysis, preparation of forecasted financial statements, and firm valuation models. Prereq.: ACTG-400 (<http://catalog.neiu.edu/search/?P=ACTG-400>) or equivalent and graduate standing.

Prerequisite: ACTG-421 (<http://catalog.neiu.edu/search/?P=ACTG-421>) minimum grade of C.

ACTG-430. Research Methodology In Accounting. 3 Hours.

Provides a thorough understanding of research methodologies in accounting. The approach is to take a central research question and pursue its dimensions which include: importance of the question posed, the research design to evaluate that question, threats to the credibility of potential inferences drawn, research types that could be applied to the same question, and challenges in communication and interpretation.

Prerequisite: ACTG-400 (<http://catalog.neiu.edu/search/?P=ACTG-400>) minimum grade of C.

ACTG-440. Tax Research And Procedure. 3 Hours.

The purpose and methods of conducting tax research and communicating tax research conclusions. The course will focus on Internal Revenue practice and procedures, tax policy, issues in taxpayer compliance, and tax payer and tax preparer responsibilities will also be addressed. Graduate Standing.

Prerequisite: ACTG-310 (<http://catalog.neiu.edu/search/?P=ACTG-310>) minimum grade of C.

ACTG-441. Estate, Gift And Trust Taxation. 3 Hours.

Current laws, cases, rulings and regulations useful for estate planning purposes are discussed. Topics include estate valuation, gift planning, estate planning and trusts, life insurance, joint tenancy, powers of appointment, pre-marital and marital dissolution agreements, community property, and generation-skipping transfer tax. Planning for estate tax minimization will be emphasized.

Prerequisite: ACTG-410 (<http://catalog.neiu.edu/search/?P=ACTG-410>) minimum grade of C.

ACTG-451. Accounting Information Systems. 3 Hours.

In-depth coverage of the concepts and techniques underlying the development, use and control of computerized accounting information systems are evaluated. Focus is on the understanding of accounting information and accounting information systems, and the underlying theory and practice of internal control systems. Particular emphasis will be placed on how information systems, including spreadsheets, databases, and other information technologies, serve as the basis for the functional areas of accounting and business through a case study approach. Prereq.: ACTG-400 (<http://catalog.neiu.edu/search/?P=ACTG-400>) or equivalent and graduate standing.

Prerequisite: ACTG-400 (<http://catalog.neiu.edu/search/?P=ACTG-400>) minimum grade of C.

ACTG-480. Issues In International Accounting And Multinational Business Operations. 3 Hours.

In-depth discussions of accounting issues and problems faced by companies with multinational operations. Topics include issues related to foreign currency translator, consolidation of foreign subsidiaries, foreign investment, international transfer pricing, analysis of foreign investment. Issues in the ethical conduct of multifunctional operations and in the Foreign Corrupt Practices Act will also be discussed.

Prerequisite: ACTG-421 (<http://catalog.neiu.edu/search/?P=ACTG-421>) minimum grade of C.

ACTG-500. Project. 3 Hours.

Approval of major advisor is necessary.

ACTG-501. Thesis. 3 Hours.

Approval of major advisor is necessary.

Acct,Business Law and Finance (ABF)

Courses

ABF-350. Management Information Systems. 3 Hours.

This course centers on the use of computer based information systems (IS) to provide quality information upon which business decisions are made. The course presents the theory and practice involved with organization-wide usage of information technology (IT). The course also integrates the core business areas of management, marketing, finance, international activities, and ethics as they relate to information systems. Special attention is given to the tools available for providing decision makers with quality information and the implications of information systems for achieving a competitive advantage. Prereq.: All Foundation Courses including ACTG-202 (<http://catalog.neiu.edu/search/?P=ACTG-202>).

Prerequisite: ACTG-202 (<http://catalog.neiu.edu/search/?P=ACTG-202>) minimum grade of C.

ABF-403. Mngt of Info Systems & Tchnlgy. 3 Hours.

ABF-403 (<http://catalog.neiu.edu/search/?P=ABF-403>) Management of Information Systems and Technology, 3 cr. This course examines two major and related concepts: the management of information and the management of technology. Students investigate issues and approaches in managing the information system (IS) function and how the IS function supports and enables organizational capabilities and strategies. Principles underlying the acquisition, application, and management of technology are considered. Special attention is given to management information systems (MIS) and to information technology (IT) applications which support managerial decision-making and enhance organizational competitiveness. Relevant business cases are studied to reinforce conceptual learning. Prereq.: ACTG-400 (<http://catalog.neiu.edu/search/?P=ACTG-400>) or equivalent and graduate standing.

African & African Amer Studies (AFAM)

Courses

AFAM-109. First Year Experience: Exploring Africa In Chicago. 3 Hours.

The Exploring Africa in Chicago course is designed to provide first year students with a brief overview of the African continent, and an opportunity to understand the rich and varied diversity of Africa and its peoples. Using Chicago as a lab, students will use standard research methods, library databases, websites, readings, speakers, films, and field experiences to discuss the rich heritage of African culture, music and arts, the continent's geography, pre-colonial and colonial history, oral and written history, its languages and ethnicity, the family systems, and political, economic, and democratic systems. Students will be encouraged to get out of the classroom and into various communities and institutions in the Chicagoland area, seek out individuals of African descent in academia, healthcare, business, industry and other professions, and use standard interview techniques to critically examine their contributions to the city of Chicago, to the United States, and to the world.

AFAM-200. Introduction To African And African American Studies. 3 Hours.

Introduction to African and African American Studies is an interdisciplinary and foundational course that introduces students to the field of African and African American Studies through an overview of the socio-economic, historical, psychological, political and cultural experiences of African peoples on the continent of Africa and throughout the Diaspora. Selected teachings are designed to give students a concise understanding of the heritage of African people in America and a framework to analyze the culture and institutional arrangements which both shaped the African Diaspora and was shaped by people of African descent throughout different parts of the world. Emphasizing an African-Centered philosophy and framework of analysis, the course content and emphasis includes a focus on students' acquisition of both an analytic ability and interdisciplinary skills of investigation and research and their development of a critical and comprehensive approach to challenging traditional Western orthodoxy, intellectual hegemony, and misinformation about Africa and its peoples. Particular emphasis is placed on the role of race, class, and gender in assessing similarities and differences in the African experience throughout the Diaspora.

AFAM-224. Contemporary African Culture. 3 Hours.

This course introduces students to the diversity of contemporary African cultural life as it has been addressed by cultural anthropologists. In Africa, one can find unique cultural practices and ways of living, as well as evidence that Africa is very much integrated into global economic and cultural flows. In this course students learn about Africans' experiences, both the patterns and the particularities, and gain a greater appreciation for the roles that Africans and African culture play in the world, including in the U.S. This course is cross-listed in the Anthropology Program (ANTH-224 (<http://catalog.neiu.edu/search/?P=ANTH-224>)).

AFAM-301. Foundations Of African Civilizations. 3 Hours.

This is an interdisciplinary course examining African civilizations from the prehistoric past to contemporary periods utilizing an African centered perspective. The course uniquely employs a variety of multidisciplinary perspectives and materials from history, geography, anthropology, political science, art, sociology, linguistics and other disciplines. Course content and emphasis is placed on correcting misperceptions and stereotypes of Africa while exploring the rich and varied diversity of Africa, its rich history, the fundamental cultural commonalities shared by African peoples despite the diversity, and the significance and place of African civilizations on the world scene.

AFAM-302. Foundations Of Africans In The Diaspora. 3 Hours.

Foundations of Africans in the Diaspora is an interdisciplinary course that focuses on the history, culture and experiences of African descendents in North America, South America and the Caribbean utilizing the research and writings from history, sociology, and anthropology conducted on and by the descendents of African peoples in these geographic areas. The objectives that form the foundation of the content for this course represent several topical areas that are in keeping with the overall goals of the minor in African and African American Studies. The topical areas are aligned into units of study and include: The African Diaspora, Africans in North America, The African American experience, Africans in Latin America and the Caribbean, and the Afro-Brazilian, Mexican, Columbian, Jamaican, French, Cuban experiences. Course objectives will be achieved through individual readings and study, and class activities and lectures. The methods used in this course include lectures, open discussions, seminar discussions, structured activities, and media and are designed to accommodate diverse learning styles.

AFAM-303. Global Collaborations-Ghana. 4 Hours.

AFAM-303 (<http://catalog.neiu.edu/search/?P=AFAM-303>) provides students with an intensive, yet short-term cross-cultural exchange program that also provides significant experience in research and creative practices. Students travel to Ghana, West Africa, visit key cultural and historical sites, and engage in collaborative research and/or creative projects with students at Kwame Nkrumah University of Science and Technology (KNUST), guided by faculty from both NEIU and KNUST. Course sessions at NEIU before and after travel will frame the experience.

AFAM-319. Prehistory of Africa. 3 Hours.

Africa is the sole source of evidence for the origins of human culture. Many significant cultural developments and technological innovations occurred first in Africa. This course surveys the archaeological evidence for the origins of human behavioral patterns from the earliest hominins to the eve of European colonization of this diverse continent. Principal course themes include: the origins of human culture; the Early, Middle, and Late Stone Ages; the origins of food production and complex societies; the history of ancient kingdoms including internal growth and external influences; the impact of Islam and the European contact with Africa. This course is cross-listed in the Anthropology Program (ANTH-319 (<http://catalog.neiu.edu/search/?P=ANTH-319>)).

AFAM-320. Religion And Healing In Africa and the African Diaspora. 3 Hours.

In numerous contexts throughout Africa and the African Diaspora there are cultural institutions that bring together healing, religious practices, spirit possession, and expressive culture (including music, dance, and costume) and direct them toward resolving the bodily and social misfortunes of participants. This course will investigate variations and continuities amongst a range of examples of this cultural institution, including African independent Christian churches, Candomble, Santeria, Vodou, and the "cults of affliction" or "ngoma" of Africa, in order to understand the resilience and relevance of an institution by means of which participants both analyze and respond to the world around them. This course is cross-listed in the Anthropology Program (ANTH-320 (<http://catalog.neiu.edu/search/?P=ANTH-320>)).

Anthropology (ANTH)

Courses

ANTH-109B. First Year Experience: Skeletons In Chicago's Closet. 3 Hours.

Bones hold an enormous amount of information about individuals and populations. This active class investigates what can be learned from bones and teeth in the context of forensic anthropology, bioarchaeology, and paleobiology. We will start by learning the bones of the skeleton and move on to identifying age, sex, trauma, etc., in forensic and archaeological contexts. Finally, we will look at fossil bone and what it can reveal about past life. Students will work with bones and models in lab, complete group and individual projects, and will learn and apply useful techniques for college success. First year students only.

ANTH-109C. First Year Experience: Skin Of Chicago. 3 Hours.

We wear about 9 lbs. of it every day, but we take most of its functions, adaptations, uses, and subtle cultural signals for granted. Skin is something everyone should know inside and out. For anthropologists, skin is a place where issues of biology, comparative anatomy, culture, evolution, archaeology, tradition, taboo, ritual, art, diversity, and race all come together. An understanding of human skin helps to turn over the judgments people make about others based on skin color. Using Chicago as a field laboratory, we will discover the wonders of skin, ever mindful of how we fit inside our own.

ANTH-109D. First Year Experience: Aliens, Curses, And The Chicago Cemetery: Explaining The Past. 3 Hours.

Why have people proposed that aliens are responsible for the pyramids? This course explores how archaeologists evaluate data and reconstruct societies of the past by examining specific cases from scientific and other perspectives. You will also examine the implications of various interpretations of the past. The way we interpret the past can teach us a great deal about how modern thinking has informed, and is informed by, archaeology. This First Year Experience course counts for General Education credit in the Social/Behavioral Sciences.

ANTH-200. Writing In Anthropology. 1 Hour.

This one credit hour course provides anthropology majors and minors with practical skills to support solid scholarship and success in their future 300 level classes in archaeology, biological anthropology, and cultural anthropology. Topics covered in this course include: critical thinking and reading; the nature of academic sources; writing a summary vs. review; appropriate paraphrasing and citation; research paper organization and library research; and anthropology online resources. This course also reviews departmental expectations for ethics in research, academic integrity and preventing plagiarism. This course must be taken within one semester after the ANTH major or minor is declared.

Corequisite: ANTH-355 (<http://catalog.neiu.edu/search/?P=ANTH-355>).

ANTH-212. Introduction To Cultural Anthropology. 3 Hours.

Cultural anthropology is the study of contemporary human social life. In this course, students learn about the discipline by reading its recent scholarship and experimenting with its research methods. The course addresses multiple, diverse domains of the human experience, including language and art, gender and sexuality, kinship and family, race and ethnicity, economics and politics, religion and health, globalization and migration. Students develop an appreciation for cultural diversity as they read the results of anthropological research conducted the world over and hone their analytical skills as they investigate the cultural worlds they engage with right here in Chicago.

ANTH-213. Introduction To Archaeology. 3 Hours.

Archaeology focuses on past societies by uncovering and analyzing what they left behind. Students will explore the theories and methods archaeologists use to interpret, reconstruct, preserve, and ultimately learn from the past. This class highlights how archaeology can address important social, economic, and ideological questions including the origins of food production, social inequality, and civilization. This course fulfills General Education/UCC credit in the Social/Behavioral Sciences area.

ANTH-215. Human Origins: Introduction To Biological Anthropology. 3 Hours.

This multi-faceted, data-oriented course explores the biological diversity of humans and other primates in the past and present. Using fossil casts, hands-on activities, and the scientific method, students will analyze the evidence for more than six million years of human evolution. This course reviews the principles of genetics and inheritance and examines the evolutionary processes that contribute to modern human variation. Students will also explore the ecology and behavior of lemurs, monkeys, apes, and other primates and their significance for understanding our origins.

ANTH-221. Peoples Of South America. 3 Hours.

South America is home to the world's driest deserts, some of its highest mountains, one of its richest fisheries, and an immense area of lowland rainforest. Explore the contemporary peoples and cultures of South America from the colonial period to the 21st century from Panama to the tip of Argentina. Students will learn about the effects of European and later national policies on indigenous populations, as well as strategies of resistance to those external pressures. (C).

ANTH-223. North American Indians. 3 Hours.

This course examines the cultures of North American Indian populations from the time of European contact to the modern day. The record of Indian-non-Indian interactions and relationships from colonial times to the present is analyzed. Changes in Indian cultures are explored in light of external pressures from the state, environmental changes, and shifting internal dynamics. (C).

ANTH-224. Contemporary African Culture. 3 Hours.

This course introduces students to the diversity of contemporary African cultural life as it has been addressed by cultural anthropologists. In Africa one can find unique cultural practices and ways of living, as well as evidence that Africa is very much integrated into global economic and cultural flows. In this course students learn about Africans' experiences, both the patterns and the particularities, and gain a greater appreciation for the roles that Africans and African culture play in the world, including in the U.S. This course is cross-listed in the African and African American Studies Program (AFAM-224 (<http://catalog.neiu.edu/search/?P=AFAM-224>)). (C).

ANTH-225. Peoples Of Mexico/Central America/Caribbean. 3 Hours.

This wide-ranging course surveys the contemporary peoples and cultures of Mexico, Central America, and the Caribbean Islands, focusing on the diversity of ethnicities, languages, and local perspectives and responses to colonialism and globalization. (C).

ANTH-238. Peoples Of Central Asia. 3 Hours.

Survey of Turkic, Mongolian and Iranian peoples, including Siberia, Uzbekistan, India and Iran. Students study Silk Roads archaeology and history, music, cuisine, religions, and politics of contemporary Central Asian societies. Extensive use of artifacts, songs, maps, photos, and videos from the region illustrate this most fascinating part of the world. (C).

ANTH-250. Latin American Archaeology. 3 Hours.

Interested in the roots of Latin American culture? This course provides an introduction to ancient indigenous civilizations that rose in three different geographic regions of Latin America: The Maya of Belize, Guatemala, Honduras, El Salvador and Mexico; the Mexica or Aztec of the Central Mexican Highlands; and the Inka of the Andes Mountains of Peru, Bolivia, and Ecuador. The dramatic impact of Spanish contact and conquest on native populations will also be covered. This course is broadly comparative and relies heavily on visual media to convey essence of prehistory and early history of Latin American civilization. (A).

ANTH-252. North American Archaeology. 3 Hours.

This fascinating course explores the prehistory of Native Americans in the from the initial peopling of the New World through the subsequent domestication of plants and development of complex civilizations in the United States, Canada, and northern Mexico. The wide variation, and commonalities, in cultures, practices, and material remain are explored. (A).

ANTH-261. Biology Of Behavior. 3 Hours.

Why do we act the way we do? Are we at the mercy of our genes or does environment shape our behavior? This engaging course looks at the nature/nurture debate and will evaluate claims of the biological basis of behavior. Topics discussed include: communication and the origins of language, hormonal and genetic influences on behavior, sociobiology and the evolution of behavior, possible universals of human nature, and the use and misuse of biology to justify or condemn human behavior. Special emphasis on critical review of popular media claims of the biological basis of behavior. (B).

ANTH-290. Graduating Anthropology. 1 Hour.

This course highlights the relevance of a liberal arts education in today's world and the particular strengths of an anthropological perspective. The course guides students in identifying the key skills they have gained through completing a degree in anthropology and in articulating the value of those skills to potential employers and graduate programs. Coursework includes preparation for postgraduation endeavors and hands-on training in producing effective c.v./resumes, cover letters, and graduate program statements of purpose. This course should be taken within one year prior to graduation.

ANTH-300. Writing Intensive Program: Writing in Anthropology. 3 Hours.

This required course provides anthropology majors with practical training in all aspects of effective disciplinary writing, from the mechanical to the conceptual. Topics covered include: identifying and vetting sources, critical reading and note-taking skills, writing conventions, literature reviews, citations, crafting an argument, outlining, revision, academic integrity, and presentations. Students will engage in a series of stepped research and writing activities leading to a final project that demonstrates the skills accrued over the semester. This course fulfills the Writing Intensive requirement. It must be taken within 2 semesters of declaring the major and before taking most 300 level ANTH courses.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

ANTH-302. Human Osteology. 4 Hours.

There are 206 bones in the adult human skeleton and more in that of a juvenile. Skeletal analysis is a core focus of biological anthropology with applications in archaeology, anatomy, medicine, forensics, and paleontology. This course represents an intensive study of the human skeleton focusing on bone growth, morphological variation (sex, ancestry, etc.), and identifying trauma/pathology. Students will learn to identify and side each bone, its landmarks, and bone fragments in fetal through adult skeletons. Class will include a mix of lecture and concentrated work with the osteology collection. Students will complete a comprehensive analysis of a human skeleton. (B).

ANTH-306. The Rise Of Complex Societies: The Archaeology Of State Formation And Urbanization. 3 Hours.

This course provides an in-depth, comparative exploration of the emergence of social hierarchy and centralized political formations in the Old and New Worlds. Students will become familiar with the political institutions, economic structures, and religious traditions of the world's earliest "civilizations" in the Americas, the Near East and China while probing anthropological theories on the rise of cities and states. Students will develop an understanding of the varied factors that drove parallel or divergent forms of social complexity and will partake in archaeological problem-solving involving both method and theory. (A).

Prerequisite: ANTH-213 (<http://catalog.neiu.edu/search/?P=ANTH-213>) minimum grade of C.

ANTH-307. Anthropology Of Gender, Sexuality And The Body. 3 Hours.

The course introduces students to approaches to gender in cultural anthropology, focusing especially on the body as the site where these historically and culturally specific notions of difference and identity are realized. Course materials address a variety of gendered bodily experiences cross-culturally and investigate the ways they are implicated in notions of masculinity and femininity. Course topics include initiation practices and other means of attributing sex/gender identities; reproduction and fertility control; beauty and body image; health and illness; warfare and violence; and sexuality and sexual orientation. (C).

ANTH-309. Egyptian Archaeology. 3 Hours.

This course explores ancient Egyptian society and culture from the Predynastic through the New Kingdom periods, with an emphasis on internal and external factors that helped shape and mold change and expansion of Egyptian society. Students will develop an understanding of long-term political, social, religious, and economic developments along the lower Nile River. (A).

Prerequisite: ANTH-213 (<http://catalog.neiu.edu/search/?P=ANTH-213>) minimum grade of C or ANTH-240A minimum grade of C.

ANTH-310. Middle Eastern Archaeology. 3 Hours.

The Middle East is widely known as “the cradle of Western Civilization,” and this course explores the archaeological evidence for ancient cultures of the Middle East, particularly areas of modern-day Kuwait, Iran, Iraq, Syria, and Turkey, from prehistoric times to the fifth century B.C. Ancient Mesopotamian societies, including Akkadia, Assyria, Babylonia, and Sumer are examined through the end of the Iron Age. (A).

Prerequisite: ANTH-213 (<http://catalog.neiu.edu/search/?P=ANTH-213>) minimum grade of C.

ANTH-313. Witchcraft And Sorcery. 3 Hours.

Study of some of the supernatural explanations of evil with major emphasis on the description of the various forms of these beliefs and the reasons, both conscious and unconscious, for these beliefs. Examples are drawn from the non-Western world, Medieval through seventeenth century Europe and Old and New England. (C) Prereq.: ANTH-212 (<http://catalog.neiu.edu/search/?P=ANTH-212>).

ANTH-314. Anthropology Of Religion. 3 Hours.

Study of the ways that religions, both past and present, act to support or alter the social systems or sub-systems with which they are associated. The ways that individuals respond to the value systems and world views of various religions are examined, as well as the individual motivations for adherence to the various religions. (C).

Prerequisite: ANTH-212 (<http://catalog.neiu.edu/search/?P=ANTH-212>) minimum grade of C.

ANTH-315. Greek Archaeology: Bronze Age. 3 Hours.

The archaeology of Aegean Greece, from 3600-1000 BCE, is the focus of this engaging course. It includes the ancient societies of mainland Greece, Crete, and the Cyclades. As the origins of dynamic city-states, urbanization, art, and a writing system in the eastern Mediterranean, these areas are not only fascinating in their own right, but also prefigured later Classical and Hellenistic civilizations. (A).

Prerequisite: ANTH-213 (<http://catalog.neiu.edu/search/?P=ANTH-213>) minimum grade of C.

ANTH-316. Greek Archaeology: Classical Age. 3 Hours.

This course explores the archaeology of ancient Greece from the end of the Bronze Age (1000 BCE) through the death of Alexander the Great (323 BCE). This fascinating era includes an examination of the Greco-Persian wars and the Greek colonization of Spain, France, Italy, and the shores of the Black Sea. We will explore the roles that politics, religion, and commerce played in the development of Classical Greek society, as evidenced in the archaeological record. (A).

Prerequisite: ANTH-213 (<http://catalog.neiu.edu/search/?P=ANTH-213>) minimum grade of C.

ANTH-317. Medical Anthropology. 3 Hours.

This course presents cultural anthropological perspectives on the subjects of health, illness, and healing. Students are introduced to illness categories, healing practices, relationships between patients and healers, and notions of the body as they exist cross-culturally. Course materials will address health and healing as associated with biomedicine, religion, spirit possession, and a range of other cultural responses to human suffering and its resolution. (C).

ANTH-319. Prehistory Of Africa. 3 Hours.

Africa is the sole source of evidence for the origins of many significant cultural developments and technological innovations. This course surveys the archaeological evidence for human behavioral patterns from the earliest hominins to the eve of European colonization of this highly diverse continent. Principal themes include: origins of human culture; Early, Middle, and Late Stone Ages; origins of food production and complex societies; history of ancient kingdoms including internal growth and external influences; and the impact of Islam and the European contact with Africa. This course is cross-listed in the African and African American Studies Program (AFAM-319 (<http://catalog.neiu.edu/search/?P=AFAM-319>)). (A).

Prerequisite: ANTH-213 (<http://catalog.neiu.edu/search/?P=ANTH-213>) minimum grade of C or ANTH-240A minimum grade of C.

ANTH-320. Religion In Africa. 3 Hours.

Religion is a subject that has fascinated anthropologists since the discipline's beginnings. In this course, we look at religion as it is practiced across the African continent, in all its diversity and complexity. Readings include ethnographic examples of African approaches to Christianity, Islam, spirit possession, and religious healing that reveal the relevance of practices by means of which participants both analyze and respond to the world around them. This course is cross-listed in the African and African American Studies Program (AFAM-320 (<http://catalog.neiu.edu/search/?P=AFAM-320>)). (C).

ANTH-327. Dental Anthropology: Dental Morphology, Evolution, And Adaptation. 3 Hours.

This class will explore the evolution of mammalian teeth with a specific focus on primates. Students will first study the morphology, development, and functional adaptations of dentition. Special attention will be paid to the relationship between dentition and feeding ecology. The second portion of the class will primarily focus on the human dentition. Topics covered will include dental traits, the genetics of trait inheritance, geographic variability, and the application of dental anthropology in the bioarchaeological context. Throughout the semester students will be able to handle and study dental casts and will complete in-class labs on a variety of topics.

Prerequisite: ANTH-215 (<http://catalog.neiu.edu/search/?P=ANTH-215>) minimum grade of C.

ANTH-329A. Evolution Of The Human Diet. 3 Hours.

The human diet is a product of evolution, culture, and the environment. This class will explore nutrition, its influence during development, the role of diet in human speciation events, and evidence of diet in the archaeological record. Students will examine foraging strategies in contemporary human populations and how food choice might be influenced by genetics. Health implications of dietary shifts, including the development of agriculture and industrialization, will also be discussed. Finally, a portion of the course will focus on how non-human primate dietary adaptations and behaviors can be used to better understand our own lineage's changing dietary profile. (B).

Prerequisite: ANTH-215 (<http://catalog.neiu.edu/search/?P=ANTH-215>) minimum grade of C.

ANTH-332. Human Growth And Development In Evolutionary Perspective. 3 Hours.

Anthropologists study the dynamics of human growth and development from an evolutionary perspective. In this course, we will investigate the history of the study of human growth and the biological principles of growth. Students will examine the genetic and hormonal effects on human and other mammal growth including nutrition, disease, socio-economic status, pollution etc. Highlighting unique features of human growth in its various stages, we will also examine how anthropologists interpret variation in growth patterns among human populations and the possible adaptive significance of this variation. (B).

Prerequisite: ANTH-215 (<http://catalog.neiu.edu/search/?P=ANTH-215>) minimum grade of C.

ANTH-335A. Zooarchaeology. 3 Hours.

Zooarchaeology focuses on the identification and analysis of faunal (animal) remains from archaeological sites and what they can tell us about past human ecology and behavior. Zooarchaeologists study which animals were hunted and how they were butchered, prey and camp seasonality, the role of hunting versus scavenging, and the processes of animal domestication. This course will introduce students to theory and method in zooarchaeology and the basics of faunal analysis using lecture, review of current professional literature, discussion, and hands on labs. Students will relate their findings to broader questions in archaeology, paleontology, and paleoanthropology. (A).

Prerequisite: ANTH-213 (<http://catalog.neiu.edu/search/?P=ANTH-213>) minimum grade of C.

ANTH-337A. Anthropology Of Death. 3 Hours.

In death, the human body is transformed by the living into a powerful symbol. Treatment of the corpse is linked to ideas of death, the afterlife, and social boundaries. Studies of ancient burials reveal the nature of funerary practice and belief, as well as social organization. Human remains are often involved in rites of passage where the deceased are separated from the living and transformed into ancestors and other beings. This course focuses on how anthropologists study funerary rituals and beliefs about death from a cross-cultural perspective, and will examine the meaning of human practices of death and burial. (A).

Prerequisites: ANTH-212 (<http://catalog.neiu.edu/search/?P=ANTH-212>) minimum grade of C and ANTH-213 (<http://catalog.neiu.edu/search/?P=ANTH-213>) minimum grade of C and ANTH-215 (<http://catalog.neiu.edu/search/?P=ANTH-215>) minimum grade of C.

ANTH-339. Paleoanthropology: The Fossil Record Of Human Evolution. 3 Hours.

Paleoanthropology is the study of the human fossil record. This exciting course examines over 7 million years of human evolution and the biological processes that have shaped this most unique radiation. Using fossil casts, computer models of early humans as well as replicas of archaeological artifacts, students will explore the fundamentals of paleoanthropological research. The course will detail the controversies and differing interpretations of the fossil evidence for human evolution including the most current proposed evolutionary relationships of early humans to *Homo sapiens*. (B).

Prerequisite: ANTH-215 (<http://catalog.neiu.edu/search/?P=ANTH-215>) minimum grade of C.

ANTH-343. Anthropology Of The Body. 3 Hours.

The human body is a simultaneously biological and cultural entity—bones, blood, and flesh reveal the processes of biological evolution and also reflect cultural practices and ideas. This course takes a holistic approach to the body by juxtaposing perspectives from biological and cultural anthropology. For example, blood has adaptive biological qualities and is also a cultural metaphor for familial, ethnic, and national belonging. Senses reveal the evolutionary divergence of the human lineage and have prominent roles in different religious and healing practices. At the intersection of these perspectives lie significant insights regarding what it means to be a human being.

ANTH-349E. Environmental Archaeology. 3 Hours.

This course will provide an overview of how archaeologists study human-environment relationships. It will treat landscapes as dynamic products of natural processes, cultural activities, and social practices and expose students to the various techniques and methods by which archaeologists reconstruct ancient human-environment relationships, ranging from geomorphological to paleoecological methods. In addition to surveying techniques and methods useful to environmental archaeology, the course materials will include a series of empirical case studies detailing the anthropogenic landscape histories of several world regions. (A).

Prerequisite: ANTH-213 (<http://catalog.neiu.edu/search/?P=ANTH-213>) minimum grade of C.

ANTH-349S. Archaeology of South Asia. 3 Hours.

This course surveys the archaeology of South Asia, beginning with animal and plant domestication in the early Holocene and ending with the arrival of the British East India Company in the 17th century AD. Given the chronological breadth and spatial scope, the class will most fully detail archaeological and historical periods that contribute significantly to anthropological questions on the origins of domestication, the development of complex societies, the role of religion in early state authority, climate change and cultural change in the past, and the relationships between ancient agricultural and pastoral-based societies. (A).

Prerequisite: ANTH-213 (<http://catalog.neiu.edu/search/?P=ANTH-213>) minimum grade of C.

ANTH-352. Archaeological Lab Methods. 3 Hours.

(REPLACES ANTH-352 (<http://catalog.neiu.edu/search/?P=ANTH-352>): Archaeological Methods) In this course, students will be introduced to the laboratory methods that archaeologists use to assess soils, landform data, and artifacts uncovered from archaeological sites. Students will gain hands-on experience as they apply important principles and concepts used by archaeologists to clean, conserve, describe, analyze, and curate various types of artifacts, ecofacts, and other data. In addition, students will understand how field conditions, research interests, conservation concerns, and budget constraints influence the scope and scale of lab efforts in archaeology. (A) Prereq.: ANTH-213 (<http://catalog.neiu.edu/search/?P=ANTH-213>).

Prerequisite: ANTH-213 (<http://catalog.neiu.edu/search/?P=ANTH-213>) minimum grade of C or ANTH-240A minimum grade of C.

ANTH-355. Writing Intensive Program: History Of Anthropology. 3 Hours.

The course addresses developments in anthropology by tracing changes and continuities in the topics, theories, and methods employed in archaeology, biological anthropology, and cultural anthropology. Students will focus on the ideas and approaches that have informed the trajectory of a particular subfield. The course provides a historical context that enriches an understanding of anthropology not only as a field, but also as a part of a long, multidirectional disciplinary conversation. This course fulfills the Writing-Intensive requirement for the Anthropology major.

Corequisite: ANTH-200 (<http://catalog.neiu.edu/search/?P=ANTH-200>).

ANTH-356. Human Variation. 3 Hours.

People look different from each other. Can we be classified into races or do we follow other patterns of variation? This provocative course will examine the role of heredity and environment in determining the world distribution of human biological traits. Students will study the adaptive significance of observable phenotypic differences in skin, hair, and eye color, facial features, and body proportions. Less obvious traits such as blood type and differential adaptation to disease and diet will also be explored. Finally, students will learn about and critically analyze the history of race studies and their far-reaching social and political implications. (B).

Prerequisite: ANTH-215 (<http://catalog.neiu.edu/search/?P=ANTH-215>) minimum grade of C or BIO-303 (<http://catalog.neiu.edu/search/?P=BIO-303>) minimum grade of C.

ANTH-357. Economic Anthropology: Shells, Pigs, And Gold. 3 Hours.

Is greed simply a part of human nature? do all humans simply have endless wants and desires for material goods? More than a century ago anthropologists began questioning assumptions of classical Western economics, and began to show that societies have diverse values as people pursue wealth and the good life. The course design gives students insights into the variety of economic systems by tapping into ethnographic literature that has overturned mainstream economic wisdom. Take a look at economics from a fresh and intriguing micro-level perspective that incorporates many other aspects of cultural life, including marriage and ecology. (C).

ANTH-359. Museum Studies. 3 Hours.

This class will take the student on a tour of some of the world's most fascinating institutions, and teach the history and theory behind their development. The course will also focus on many of the activities that take place in museums that make them such a valuable asset to the scientific and educational communities. (C).

ANTH-364. Culinary Anthropology. 3 Hours.

Anthropologists and historians research behaviors, origins, and traditions of human association with a variety of foodstuffs and foodways. We do so all in an effort to answer the "when", "how", and "why" questions connected to particular foods and the contexts in which eating them became appropriate and sought after. In this course we explore eating, foodstuffs, and cookery from nutritional, artistic, sensual, political, socioeconomic, and popular perspectives, among others. Students also explore Chicago's world cuisines by dining in and out in a variety of symposia, combining good eating and good thinking. (C).

Prerequisite: ANTH-212 (<http://catalog.neiu.edu/search/?P=ANTH-212>) minimum grade of C or HIST-111 minimum grade of C.

ANTH-365. Anthropology Of Islam. 3 Hours.

Do all Muslims practice their faith in the same way? Is there really only one type of Muslim society? Based on consideration of major Islamic beliefs, the history of Islamic expansion and civilization, and the cultures of contemporary Muslim societies, the thesis of this course is that there are numerous cultural approaches to Islam. Students learn by reading within and outside of anthropology to better inform themselves of contemporary issues and understandings of the dynamism that characterizes Islamic cultures. (C).

ANTH-366. Mesoamerican Continuity And Change. 3 Hours.

Mesoamerican peoples of Mexico, Belize, Guatemala, Honduras, and El Salvador can claim a heritage that reaches into antiquity. This course examines the beliefs and practices of the cultures of Mesoamerica from the Prehispanic past into the 21st century, including events that have eliminated, modified, or introduced new elements to Mesoamerican cultures and transformed their peoples. An element of this course includes how peoples originating from Mesoamerica may or may not maintain continuities after relocating to the United States. This course serves as an elective for the Latino and Latin American Studies minor. (A or C).

ANTH-368. Primate Biology And Adaptation. 3 Hours.

The primate adaptive radiation is over 50 million years old and exhibits some of the most striking anatomical adaptations found among mammals. This course focuses on the morphological diversity of primates. We will first examine the evolution of traits that distinguish primates from other mammals, and will then shift focus to features that differentiate species and lineages within the Order. Specifically, adaptations related to diet, feeding, foraging, communication, predator avoidance, positional behavior, habitat, reproduction, among others, will be highlighted. Students will work extensively with scientific literature and the bone and cast collection. (B).

Prerequisite: ANTH-215 (<http://catalog.neiu.edu/search/?P=ANTH-215>) minimum grade of C or BIO-320 (<http://catalog.neiu.edu/search/?P=BIO-320>) minimum grade of C or BIO-327 (<http://catalog.neiu.edu/search/?P=BIO-327>) minimum grade of C.

ANTH-371. Forensic Anthropology. 3 Hours.

Forensic anthropology is an applied science that uses the methodology of biological anthropology to evaluate human skeletal remains in a medico-legal context. This course focuses on the theory and practice of building biological profiles and analyzing circumstances surrounding human death.

Students will review the current state of forensic anthropology using published studies on estimating age/sex/ancestry/etc., identifying bone trauma and the postmortem interval, and applying methods of individuation (facial reconstruction, odontology, X-ray, DNA, etc.). The course also highlights the ethics and cross-disciplinary nature of forensic anthropology, and its central role in mass/natural disasters and worldwide human rights violations. (B).

Prerequisite: ANTH-215 (<http://catalog.neiu.edu/search/?P=ANTH-215>) minimum grade of C or ANTH-302 (<http://catalog.neiu.edu/search/?P=ANTH-302>) minimum grade of C.

ANTH-373. Urban Anthropology. 3 Hours.

Urban anthropology is the holistic study of human beings in cities. This course addresses various aspects of the broad sweep of urbanization, from the ancient urban revolution of the present shift to a majority of people living in cities, focusing especially on the urban United States. We will engage with anthropological work that balances social theory with rich ethnographic portraits, opening debates on the meanings and values of urban life. We will examine race, gender, inequality, institutions, and case studies on immigration, gentrification and sustainability, and using Chicago as our laboratory, students will conduct and write ethnographies of their own. (C).

Prerequisite: ANTH-212 (<http://catalog.neiu.edu/search/?P=ANTH-212>) minimum grade of C.

ANTH-374. The Maya. 3 Hours.

This is an exciting and in-depth exploration of ancient Maya society from its origins to Spanish contact. The course reviews chronologies, geography, and time periods used by Mayanists to help understand larger trends in Maya society. You will also evaluate issues and debates that currently exist within Maya studies. These include questions of economy, politics, social organization, religion, and ideology. Finally, the decipherment of the Maya script is examined. You will have the opportunity to critically examine a specific topic during the semester. (A).

Prerequisite: ANTH-213 (<http://catalog.neiu.edu/search/?P=ANTH-213>) minimum grade of C or ANTH-250 (<http://catalog.neiu.edu/search/?P=ANTH-250>) minimum grade of C.

ANTH-375. Anthropology Of Globalization. 3 Hours.

The course will address social forces, practices, and experiences related to the ever-increasing transnational interconnectedness of societies across the world. Through readings from the anthropological literature on globalization and related issues, we will critically address the ways "globalization" is conceived and theorized by contemporary scholars; its effects on the construction of identity; the roles of commodities, consumer culture, and the media; and the ways in which the processes referred to as globalization both broaden and expand notions of "community" and "culture", and present new varieties and intensities of difference, disjuncture, and marginalization. (C).

ANTH-376. Primate Behavior. 3 Hours.

One of the evolutionary hallmarks of being a primate is sociality and primates exhibit a diverse array of behavioral adaptations for navigating complex social groups. Primate behavioral ecology is a fascinating field that informs our understanding of primate interactions and the origins of our own behavior. This course will highlight how primatologists study behavior and how evolution and ecological variables shape primate sociality in the contexts of group structure, male/female dynamics, reproduction, feeding, predation pressure and social learning, among other topics. Students will examine the diversity of primate sociality using current primatological literature, discussion, video, assignments and zoo visits. (B).

Prerequisite: ANTH-215 (<http://catalog.neiu.edu/search/?P=ANTH-215>) minimum grade of C.

ANTH-377A. Anthropology Of Television. 3 Hours.

Cultural anthropologists have long trained their sights on the ordinary practices of everyday life, understanding that careful study of mundane activities yields insights into the weightiest questions of human experience. However, despite its ubiquity in popular culture and centrality as a form of representation and forum for cultural debate, anthropologists have only slowly come to the study of television. This course addresses the relatively recent but burgeoning anthropology of television and suggests that attention to the ways people around the world make, watch, interpret, discuss, and critique television programs provides an important vantage on the workings of culture, power, and knowledge in the contemporary world.

ANTH-378. Anthropology Of Power. 3 Hours.

The study of politics concerns who gets what, why, and how in societies. Anthropologists study political systems by examining the varieties of human practices involving rules and laws, persuasion and coercion. This course surveys how politics have been studied by anthropologists for the past 130 years, from indigenous North Americans to Trobriand Islanders and especially how anthropologists increasingly became political themselves as more and more peoples began living under the authority of modern nation states. (C).

ANTH-379A. Pan-African Association Internship. 3 Hours.

Interns work 10 hours per week for the duration of a semester at the Pan-African Association, an organization that provides services to refugees in Chicago. Interns assist with in-home mentoring, English language training, job readiness training, and community outreach, among other duties and projects. The PAA Internship provides high-achieving Northeastern students with the opportunity to learn about the experiences of refugees in the U.S. and gain experience in the work of a refugee services organization and provides PAA with committed, hardworking students who can serve the goals of the organization and the needs of its clients.

Prerequisite: ANTH-212 (<http://catalog.neiu.edu/search/?P=ANTH-212>) minimum grade of C or GS-201 (<http://catalog.neiu.edu/search/?P=GS-201>) minimum grade of C.

ANTH-380. Archaeological Field School. 6 Hours.

Want to work on an archaeological site? In this intensive field course, students will explore field, lab and survey techniques on an actual archaeological dig. Students will learn excavation techniques and protocol in the treatment and recovery of artifacts, ecofacts, features, and structures. Students will also develop skills in mapping and use of various field technologies including GPS. Instruction will also include lab methods for processing, analyzing and curating material remains. Location of Field School may vary year to year. (A) Prereq.: ANTH-213 (<http://catalog.neiu.edu/search/?P=ANTH-213>) or ANTH-250 (<http://catalog.neiu.edu/search/?P=ANTH-250>) or ANTH-374 (<http://catalog.neiu.edu/search/?P=ANTH-374>) or consent of instructor.

ANTH-3811. Independent Study In Anthropology. 1 Hour.

Academic credit for special research project student conducts with individual guidance from a faculty member. Projects that could be completed in an established course are not appropriate for Independent Study. Student must submit project proposal to the faculty member in the semester prior to the one in which project is to be conducted; see "Individualized Study" in anthropology program entry for more information. Student must have completed two courses in the anthropological subdiscipline of proposed topic prior to enrolling in Independent Study. Independent Study requires approval of instructor, department chair and college dean. (A,B,C) Prereq.: Consent of Instructor.

ANTH-3812. Independent Study In Anthropology. 2 Hours.

See course description for ANTH-3811 (<http://catalog.neiu.edu/search/?P=ANTH-3811>).

ANTH-3813. Independent Study In Anthropology. 3 Hours.

See course description for ANTH-3811 (<http://catalog.neiu.edu/search/?P=ANTH-3811>).

ANTH-3821. Fieldwork In Anthropology. 1 Hour.

Academic credit for ethnographic, primatological, archaeological, paleontological, forensic, applied, or other relevant and typically off-campus anthropological fieldwork opportunities arranged for by the student. Student enrolls with anthropology faculty member who guides and oversees work. Fieldwork in Anthropology credits are designed to help students improve research skills, apply principles learned in the classroom, take advantage of fieldwork opportunities, and explore career options. Students must have completed two courses in the anthropological subdiscipline of the proposed fieldwork prior to enrolling in Fieldwork in Anthropology. Fieldwork in Anthropology requires approval of instructor, department chair and college dean. (A,B,C).

ANTH-3822. Fieldwork In Anthropology. 2 Hours.

See course description for ANTH-3821 (<http://catalog.neiu.edu/search/?P=ANTH-3821>).

ANTH-3823. Fieldwork In Anthropology. 3 Hours.

See course description for ANTH-3821 (<http://catalog.neiu.edu/search/?P=ANTH-3821>).

ANTH-3824. Fieldwork In Anthropology. 4 Hours.

See course description for ANTH-3821 (<http://catalog.neiu.edu/search/?P=ANTH-3821>).

ANTH-3871. Field Museum Internship. 1 Hour.

Student intern assists Field Museum staff behind the scenes in the Mammals section (anatomy, prep, curation) or Anthropology section (scientific illustration). Work varies with assignment and can include specimen preparation/processing, collections management, resolving taxonomic issues, research, data management, apprenticeship with professional illustrator, and more. Internship requires significant commitment of 15-20 hours/week for the semester and a journal or final project depending on credit hours (1-6). Additional requirements listed in Anthropology entry of online Academic Catalog. Eligible students apply for internship through NEIU Anthropology Department. Approval is subject to consent of Field Museum staff. (B).

Prerequisite: ANTH-302 (<http://catalog.neiu.edu/search/?P=ANTH-302>) minimum grade of C or ANTH-368 (<http://catalog.neiu.edu/search/?P=ANTH-368>) minimum grade of C.

ANTH-3872. Field Museum Internship. 2 Hours.

(See ANTH-3871 (<http://catalog.neiu.edu/search/?P=ANTH-3871>) for description.).

Prerequisite: ANTH-302 (<http://catalog.neiu.edu/search/?P=ANTH-302>) minimum grade of C or ANTH-368 (<http://catalog.neiu.edu/search/?P=ANTH-368>) minimum grade of C.

ANTH-3873. Field Museum Internship. 3 Hours.

(See ANTH-3871 (<http://catalog.neiu.edu/search/?P=ANTH-3871>) for description.).

Prerequisite: ANTH-302 (<http://catalog.neiu.edu/search/?P=ANTH-302>) minimum grade of C or ANTH-368 (<http://catalog.neiu.edu/search/?P=ANTH-368>) minimum grade of C.

ANTH-3874. Field Museum Internship. 4 Hours.

(See ANTH-3871 (<http://catalog.neiu.edu/search/?P=ANTH-3871>) for description.).

Prerequisite: ANTH-302 (<http://catalog.neiu.edu/search/?P=ANTH-302>) minimum grade of C or ANTH-368 (<http://catalog.neiu.edu/search/?P=ANTH-368>) minimum grade of C.

ANTH-3875. Field Museum Internship. 5 Hours.

(See ANTH-3871 (<http://catalog.neiu.edu/search/?P=ANTH-3871>) for description.).

Prerequisite: ANTH-302 (<http://catalog.neiu.edu/search/?P=ANTH-302>) minimum grade of C or ANTH-368 (<http://catalog.neiu.edu/search/?P=ANTH-368>) minimum grade of C.

ANTH-3876. Field Museum Internship. 6 Hours.

(See ANTH-3871 (<http://catalog.neiu.edu/search/?P=ANTH-3871>) for description.).

Prerequisite: ANTH-302 (<http://catalog.neiu.edu/search/?P=ANTH-302>) minimum grade of C or ANTH-368 (<http://catalog.neiu.edu/search/?P=ANTH-368>) minimum grade of C.

ANTH-3881. Mitchell Museum Internship. 1 Hour.

Anthropology major commits to a 1-3 credit hour internship at the Mitchell Museum of the American Indian in Evanston. Work experiences can include curation, education, inventory/object research, exhibit research and design, and other academic activities in support of the daily life of a small museum. Student must also complete a research project developed in conjunction with anthropology faculty member. Student must have completed two 300-level courses in cultural anthropology and/or archaeology prior to enrolling in Mitchell Museum Internship. This internship requires the approval of the instructor, department chair, college dean, and Museum director. Prereq.: Consent of Instructor.

ANTH-3882. Mitchell Museum Internship. 2 Hours.

See course description for ANTH-3881 (<http://catalog.neiu.edu/search/?P=ANTH-3881>).

ANTH-3883. Mitchell Museum Internship. 3 Hours.

See course description for ANTH-3881 (<http://catalog.neiu.edu/search/?P=ANTH-3881>).

ANTH-3891. Lincoln Park Zoo Research. 1 Hour.

Student works with Lincoln Park Zoo biologists on a zoo-sponsored research project on primate or other mammal species. Focus can include: development and implementation of research design, ethological data collection including behavioral observations, analysis etc. Student arranges for project through NEIU Anthropology Department. These credit hours require a significant commitment on the part of the student and are only open to highly motivated, responsible students. Arrangements are subject to consent of Lincoln Park Zoo staff. Approximate credit to field hour ratios from 1 cr., 50 field hours to 6 cr., 300 field hours. (B) Prereq.: ANTH-376 (<http://catalog.neiu.edu/search/?P=ANTH-376>).

Prerequisite: ANTH-376 (<http://catalog.neiu.edu/search/?P=ANTH-376>) minimum grade of C.

ANTH-3892. Lincoln Park Zoo Research. 2 Hours.

(See ANTH-3891 (<http://catalog.neiu.edu/search/?P=ANTH-3891>) for description.).

Prerequisite: ANTH-376 (<http://catalog.neiu.edu/search/?P=ANTH-376>) minimum grade of C.

ANTH-3893. Lincoln Park Zoo Research. 3 Hours.

(See ANTH-3891 (<http://catalog.neiu.edu/search/?P=ANTH-3891>) for description.).

Prerequisite: ANTH-376 (<http://catalog.neiu.edu/search/?P=ANTH-376>) minimum grade of C.

ANTH-3894. Lincoln Park Zoo Research. 4 Hours.

(See ANTH-3891 (<http://catalog.neiu.edu/search/?P=ANTH-3891>) for description.).

Prerequisite: ANTH-376 (<http://catalog.neiu.edu/search/?P=ANTH-376>) minimum grade of C.

ANTH-3895. Lincoln Park Zoo Research. 5 Hours.

(See ANTH-3891 (<http://catalog.neiu.edu/search/?P=ANTH-3891>) for description.).

Prerequisite: ANTH-376 (<http://catalog.neiu.edu/search/?P=ANTH-376>) minimum grade of C.

ANTH-3896. Lincoln Park Zoo Research. 6 Hours.

(See ANTH-3891 (<http://catalog.neiu.edu/search/?P=ANTH-3891>) for description.).

Prerequisite: ANTH-376 (<http://catalog.neiu.edu/search/?P=ANTH-376>) minimum grade of C.

ANTH-390A. Senior Thesis Research. 2 Hours.

High achieving anthropology majors may enrich their academic experience by conducting a senior thesis. Student enrolls in Senior Thesis Research hours for the first semester and works one-on-one with faculty thesis advisor to develop project and outline steps and a timeline for completion. Grade earned will be based on the completed thesis proposal and other requirements as agreed to by student and thesis advisor. Other requirements may include obtaining necessary outside permissions, completion of literature review, data collection, etc. See anthropology program entry above for minimum GPA and additional requirements. Prereq.: Consent of faculty mentor.

ANTH-390B. Senior Thesis Writing. 2 Hours.

Student enrolls in Senior Thesis Writing for the 2nd semester of their thesis project in order to complete thesis. Student works one-on-one with faculty thesis advisor to develop project and outline steps and a timeline for completion. Grade earned will be based on the completed thesis. Final thesis product must follow departmental thesis format guidelines. Student is strongly encouraged to present their work at the annual NEIU Student Research/Creative Activities Symposium or similar venue. See "Senior Thesis Option" in anthropology program entry above for additional information. Prereq.: ANTH-390a.

Prerequisite: ANTH-390A (<http://catalog.neiu.edu/search/?P=ANTH-390A>) minimum grade of C.

ANTH-395. Senior Seminar In Cultural Anthropology. 4 Hours.

The senior seminar in cultural anthropology is one of the capstone courses for majors. This is an advanced course in which anthropology students will engage with key topical and theoretical issues in contemporary cultural anthropology, including debates about "globalization" and "modernity"; the concept of "culture" and its relationship to history and memory; the relationship between agency and structure; and the role of the body and embodiment. Students will read recent scholarship in the field and produce original research papers.

Prerequisite: ANTH-355 (<http://catalog.neiu.edu/search/?P=ANTH-355>) minimum grade of C.

ANTH-396. Senior Seminar In Archaeology. 4 Hours.

This advanced course is one of the capstone courses for majors. The archaeology senior seminar engages students in a critical examination of the interpretive frameworks of archaeology and controversial issues currently facing the discipline. These may include: the peopling of the New World, the domestication of plants and animals, the collapse of complex societies, how the past is represented, and the impact of the past on the present. Students will be immersed in contemporary scholarship. Students must have completed one 300 level course in each anthropological subdiscipline in addition to the listed prerequisite.

Prerequisite: ANTH-355 (<http://catalog.neiu.edu/search/?P=ANTH-355>) minimum grade of C.

ANTH-397. Senior Seminar In Biological Anthropology. 4 Hours.

This lively, advanced seminar is one of the capstone courses for majors. The seminar will engage students in the critical evaluation of current issues, controversies, ethical challenges, and new developments in biological anthropology today. Students will present critical analyses of current scholarship in the areas of evolutionary theory, human biological variation, primate biology, ecology, and behavior, and the fossil evidence for human evolution. Biological anthropologists from the Chicago area will visit the class to discuss their current research. Students must have completed one 300 level course in each anthropological subdiscipline in addition to the listed prerequisite.

Prerequisite: ANTH-355 (<http://catalog.neiu.edu/search/?P=ANTH-355>) minimum grade of C.

ANTH-401. Independent Graduate Study In Anthropology. 3 Hours.

Arabic (ARAB)

Courses

ARAB-101. Arabic I. 3 Hours.

Development of basic skills in listening, speaking, reading and writing. Cultural appreciation.

ARAB-102. Arabic II. 3 Hours.

Continuation of ARAB-101 (<http://catalog.neiu.edu/search/?P=ARAB-101>).

Prerequisite: ARAB-101 (<http://catalog.neiu.edu/search/?P=ARAB-101>) minimum grade of D.

Aramaic (ARAM)

Courses

ARAM-101. Aramaic Language. 3 Hours.

This course is designed for students with little to no experience in the Aramaic language. Students will develop knowledge through an emphasis on reading, listening, writing and speaking. Basic grammatical structures and new vocabulary will be introduced, as well. Upon completion, students will be able to comprehend and respond in Aramaic at the Beginning-Mid level.

Art (ART)

Courses

ART-101. Art In Society. 3 Hours.

Study the function of art in a variety of cultures with specific reference to American culture. Application of insights gained through inter-cultural analysis of contemporary issues. Slide lectures, films, gallery and museum visits.

ART-106. Introduction To Art History I. 3 Hours.

A survey of the visual arts from ancient to medieval times, emphasizing the major styles in their historical contexts. Introduces the basic qualities of each medium, the descriptive and critical vocabulary of art history, and the concepts of style, subject matter and content in the visual arts. Topics include the patronage of, and audience for, art; the changing social status of the artist; and the social, political and religious functions of art and architecture. Slide lectures and museum assignments.

ART-107. Introduction To Art History II. 3 Hours.

A survey of the visual arts from ancient to medieval times, emphasizing the major styles in their historical contexts. Introduces the basic qualities of each medium, the descriptive and critical vocabulary of art history, and the concepts of style, subject matter and content in the visual arts. Topics include the patronage of, and audience for, art; the changing social status of the artist; and the social, political and religious functions of art and architecture. Slide lectures and museum assignments.

ART-109. First Year Experience: Art, Architecture And Urban Design In Chicago. 3 Hours.

This field-based course explores art in an urban environment, examines the relationships between art and urban culture, and considers the role of art in an urban setting. Students will gain a familiarity with Chicago as a cultural home; they will evaluate the role of public art in Chicago, examine the design and purpose of open spaces, and gain a familiarity with the Chicago school of architecture.

ART-120. Drawing I. 3 Hours.

Basic drawing, stressing individual perceptual growth and the importance of physical and psychological factors in structuring visual experiences; emphasis on design and perception; discussion of systems of perceptual interpretation and structure, concepts of abstraction and problems of evaluation.

ART-130. Two-Dimensional Design. 3 Hours.

Systematic exploration of order in two-dimensional space and study of the interaction of method and technique in organizing form on a two-dimensional surface.

ART-140. Three Dimensional Design. 3 Hours.

Studio experience and lecture exploring fundamental 3-D design theory and concepts through the solution of studio problems utilizing 3-D materials and techniques.

ART-170A. Studio Experiences: Photography. 3 Hours.

Problem solving approach in studio experiences with lecture and discussion. This course does not count towards major or minor requirements in Art.

ART-170B. Studio Experiences: Painting. 3 Hours.

Problem solving approach in studio experiences with lecture and discussion. This course does not count towards major or minor requirements in Art.

ART-170C. Studio Experiences: Sculpture. 3 Hours.

Problem solving approach in studio experiences with lecture and discussion. This course does not count towards major or minor requirements in Art.

ART-170D. Studio Experiences: Metals And Jewelry. 3 Hours.

Problem solving approach in studio experiences with lecture and discussion. This course does not count towards major or minor requirements in Art.

ART-170E. Studio Experiences: Printmaking. 3 Hours.

Problem solving approach in studio experiences with lecture and discussion. This course does not count towards major or minor requirements in Art.

ART-170F. Studio Experiences: Ceramics. 3 Hours.

Problem solving approach in studio experiences with lecture and discussion. This course does not count towards major or minor requirements in Art.

ART-170G. Studio Experiences: Drawing. 3 Hours.

Problem solving approach in studio experiences with lecture and discussion. This course does not count towards major or minor requirements in Art.

ART-201. Contemporary Art. 3 Hours.

Study of painting and sculpture of the last ten years; gallery and museum visits; readings in contemporary art publications; slide lectures.

ART-202. Writing Intensive Program: Methods Of Research In Art History. 3 Hours.

This course is an introduction to art historical research and methodology. It includes a brief survey of the history of art historical studies, and introduction to art historical research methods, a review of art historical methodology, and an introduction to the critical and theoretical approaches of the "new" art history. The course is conducted in an informal seminar format with slide presentations and classroom discussions of artworks and required readings.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

ART-203. History Of Photography: 1820's To Present. 3 Hours.

Students investigate the history of photography, including social, aesthetic, theoretical, and technical aspects, through lectures, discussions, field trips to relevant photographic exhibitions, readings, group projects, writing assignments, and/or exams.

ART-220. Drawing II. 3 Hours.

Interpretive drawing experiences, concentration on individual growth and perceptual acuity, principally studying the human form through live models, other supportive materials and a variety of media.

Prerequisite: ART-120 (<http://catalog.neiu.edu/search/?P=ART-120>) minimum grade of C.

ART-230. Painting I. 3 Hours.

This introductory painting course familiarizes students with the painting process. Using oil paint as medium, students will explore themes such as still life, abstraction, symbolism, and the landscape. Students will be exposed to a variety of oil painting techniques and materials.

Prerequisite: ART-120 (<http://catalog.neiu.edu/search/?P=ART-120>) minimum grade of C.

ART-234. Color. 3 Hours.

Investigation of color phenomena through lecture and studio problems.

Prerequisite: ART-130 (<http://catalog.neiu.edu/search/?P=ART-130>) minimum grade of C.

ART-240. Sculpture I. 3 Hours.

This introductory sculpture course familiarizes students with traditional and contemporary sculpture concepts, and exposes students to an overview of processes, tools, and materials used in sculpture. Students will also explore modeling, casting, and construction techniques.

Prerequisite: ART-140 (<http://catalog.neiu.edu/search/?P=ART-140>) minimum grade of C.

ART-250. Printmaking I. 3 Hours.

This introductory printmaking course emphasizes the processes of intaglio and relief. This course will also explore the possibility of the monoprint, as well as introduce basic research methods associated with personal studio practice.

Prerequisite: ART-120 (<http://catalog.neiu.edu/search/?P=ART-120>) minimum grade of C.

ART-256. Letterpress. 3 Hours.

Introduction to letterpress printing techniques including discussion of typographic rules using wood and metal type and image making using contemporary photopolymer plate making techniques.

Prerequisites: ART-281 (<http://catalog.neiu.edu/search/?P=ART-281>) minimum grade of C and ART-284 (<http://catalog.neiu.edu/search/?P=ART-284>) minimum grade of C.

ART-261. Photography I. 3 Hours.

This course will familiarize students with digital photography techniques and computer software to use photography as a creative medium. Students will be introduced to basic aesthetic grammar of photography and a preliminary historical context for visually analyzing and creating photographs.

Prerequisite: ART-130 (<http://catalog.neiu.edu/search/?P=ART-130>) minimum grade of C.

ART-270. Ceramics I. 3 Hours.

This introductory ceramic course explores building techniques, surface treatment, design and decoration of ceramic objects. Through class projects students will be introduced to a variety of methods of constructing sculptural as well as functional objects. Focus will be placed on technique, craftsmanship and the development of individual artistic direction.

Prerequisite: ART-140 (<http://catalog.neiu.edu/search/?P=ART-140>) minimum grade of C.

ART-273. Metals And Jewelry I. 3 Hours.

This introductory metals and jewelry course emphasizes a mastery of basic tools, materials and processes used in the creation of jewelry, functional objects and small sculpture. Students will create a range of objects that address basic design problems, functional considerations and conceptual ideas.

Prerequisite: ART-140 (<http://catalog.neiu.edu/search/?P=ART-140>) minimum grade of C.

ART-281. Graphic Design I. 3 Hours.

Introduction to techniques and concepts of graphic design and visual communications. Lectures and studio time will be used to analyze and practice applied creative activity of design, image-making, typography and layout, as well as it's historical and contemporary social aspects.

Prerequisite: ART-130 (<http://catalog.neiu.edu/search/?P=ART-130>) minimum grade of C.

ART-284. Typography. 3 Hours.

The second course in the graphic design sequence takes a deeper look at design and use of letter forms. Lectures and assignments focus on examining major type families and their characteristics, creating typographic contrast and hierarchy of information, history of type design and typographic grids. Students build skills for the art of typesetting and typographic layout, conceptual thinking and expressive typography.

ART-285. Image. 3 Hours.

Image class offers a guided exploration of techniques and processes used to create images for the purpose of specific communication. The course pays special attention to current trends in graphic design and fine art and includes discussions of various contemporary illustration techniques. Special attention is paid to both visual form, as well as the design process, communication and interpretation of work to challenge the student's ability to generate innovative images with a regard for both visual form and conceptual content.

Prerequisite: ART-281 (<http://catalog.neiu.edu/search/?P=ART-281>) minimum grade of C.

ART-289. Graphic Design (Survey). 3 Hours.

This course chronicles the development of visual communication methods from prehistoric times to late 20th century. Emphasis will be placed on the period from the mid 19th century to late 20th century developments in the field of graphic design. The course is structured as a lecture and discussion class. The class will take a contemporary approach to the subject, drawing parallels between the historical movements and the way that things look in design today. Topics will involve a critical approach to the subject matter.

ART-292. Writing Intensive Program: Professional Practices. 1 Hour.

This course introduces art students to general business practices that are prevalent in the fine and applied arts. Topics to be covered are basic portfolio development, exhibition design and installation skills, marketing strategies, exhibition opportunities, professional arts organizations, online portfolio development, critique styles, presentation styles, writing exhibition reviews and the Chicago job market. This course is required for all studio art majors and fulfills the university writing intensive requirement within the major.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

ART-294. Writing Intensive Program: Professional Practices In Graphic Design 1. 1 Hour.

Professional Practices is three-part series of one-credit courses that are to be taken in sequence. This course will introduce students to general business practices that are prevalent in the graphic design field. Topics to be covered are professional portfolio presentation skills, freelance business skills, marketing strategies, joining professional organizations, online portfolio development, writing job application materials and understanding the Chicago job market. This course is required for all graphic design majors and fulfills the university writing intensive requirement within the major.

Prerequisites: ART-281 (<http://catalog.neiu.edu/search/?P=ART-281>) minimum grade of C and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

ART-301. Contemporary Design. 3 Hours.

This class combines academic study of late 20th century and contemporary Graphic Design practices with an exploration of the professional design world. Graphic Design of the present day is examined in relation to architecture and interiors, and wider theoretical and contextual issues. The interrelationship between the fine and decorative arts is a strong theme throughout the class. Visits to museums, professional events, galleries, design fairs and studios provide opportunities to examine objects and meet practicing designer first hand.

Prerequisite: ART-284 (<http://catalog.neiu.edu/search/?P=ART-284>) minimum grade of C.

ART-303. Images Of Woman In Art. 3 Hours.

Iconographical study of the images of woman in the visual arts. Exploration into stereotypes, archetypes and prototypes in the context of historical and societal conditions, using primary literary sources and archaeological evidence to support interpretive hypotheses.

ART-305. Art & Architecture Of The Ancient Americas. 3 Hours.

This course introduces students to the art and architecture of Pre-Columbian civilizations of South America and Mesoamerica, and the native arts of North America. We will discuss the art of the Chavin, Moche, Nasca, and Inka civilizations of South America, the Olmec, Teotihuacan, Maya, and Aztec of Mesoamerica, and various art forms from the Southwest, East, and Northwest Coast regions of United States. The course focuses on the styles and iconography of these civilizations and takes an interdisciplinary approach to examine the function and symbolism of the works.

ART-306. Andean Art & Architecture. 3 Hours.

This course is an introduction to the art of the ancient civilizations that inhabited the Andean region (primarily Peru, Ecuador, and Bolivia). Since these cultures did not develop a written language, information about their worldview and religious practices comes from their art and the archaeological record. The course focuses on the styles and iconography of these civilizations and takes an interdisciplinary approach to examine the function and symbolism of the works.

ART-307. Art & Latin America. 3 Hours.

This course covers the art of Latin America from the period of Independence to the present. The focus will be primarily on the arts of Mexico and South America, although some time will be dedicated to movements in Cuba and Haiti as well. Topics include: Romanticism in Latin America, Modernismo, Mexican Muralism, Indigenismo, Constructivism, Surrealism, Concrete and Neo-Concrete Art, Geometric art, Optical and Kinetic art, Conceptual and Political Art, and contemporary issues.

ART-308. African & Oceanic Art. 3 Hours.

This course focuses on the arts of Africa and Oceania. Lectures discuss representative works in painting, sculpture, architecture, body art and rock art from these areas as well as the cultural and historical context in which they were created.

ART-309. Asian Art. 3 Hours.

This course focuses on the arts of India, China and Japan. Lectures discuss representative works in painting, sculpture, architecture, calligraphy and decorative arts from each of these areas as well as the cultural and historical context in which they were created.

ART-310. Early Christian And Byzantine Art. 3 Hours.

Study of the arts from the early Christian period to the end of the Byzantine Empire in the east: stylistic and iconographic development of architecture, painting, sculpture, manuscript illustration and minor arts in context of contemporary politics and religion.

ART-311. Medieval Art Of The West. 3 Hours.

A study of art from the Merovingian period to the end of high Gothic: Stylistic and iconographic development of architecture, painting, sculpture, manuscript illustration and minor arts in the context of political and religious controversies.

ART-312. Painting Of The Italian Renaissance. 3 Hours.

Painting in Italy from 1200-1600; iconography and aesthetics, social and technical aspects, development of style with brief attention to the most important examples of sculpture and architecture insofar as they aid in an understanding of the development of painting; slide lectures, museum visits.

ART-313. Painting Of The United States Of America. 3 Hours.

Survey of American painting from the Colonial period through mid-twentieth century; social and technical aspects, development of various styles; slide lectures and museum visits.

ART-316. Seventeenth And Eighteenth Century Art. 3 Hours.

Painting, sculpture and architecture in Europe in the seventeenth and early eighteenth centuries, stressing historical, stylistic and iconographic developments in the art of the period with emphasis on leading Baroque artists in Italy, Spain, Flanders, Holland, France and Germany.

ART-317. Sculpture And Architecture Of The United States. 3 Hours.

Sculpture and architecture of the United States from the Colonial period through mid-twentieth century. Social and technical aspects, development of various styles; slide lectures, museum visits.

ART-318. 19th Century European Art. 3 Hours.

Survey of European painting and sculpture from the late 18th century through the early decades of the 20th century, with emphasis upon major artistic developments in the context of pertinent historical and social issues and the general cultural milieu.

ART-319. 20th Century European Art. 3 Hours.

European painting and sculpture from post-impressionism at the close of the nineteenth century through the various modernist movements of the twentieth century with emphasis on major theories and developments in art in the context of pertinent historical, social and cultural events and concerns of the period.

ART-320. Drawing III. 3 Hours.

This advanced drawing course emphasizes drawing concepts and techniques. Students will utilize a variety of traditional and nontraditional media in developing their own personal artistic vision. This course may be repeated up to three times.

Prerequisite: ART-220 (<http://catalog.neiu.edu/search/?P=ART-220>) minimum grade of C.

ART-321. Drawing IV. 3 Hours.

This advanced drawing course will continue the exploration of contemporary concepts and drawing techniques emphasizing personal expression. This course may be repeated up to three times.

Prerequisite: ART-320 (<http://catalog.neiu.edu/search/?P=ART-320>) minimum grade of C.

ART-330. Painting II. 3 Hours.

This course is designed as a continuation of the exploration of the painting process. During this semester, students will be using acrylic paints to investigate themes both contemporary and historical such as abstraction, the figure, narrative painting and mixed media. Students will also learn about the use of mediums, brushes, and painting techniques.

Prerequisite: ART-230 (<http://catalog.neiu.edu/search/?P=ART-230>) minimum grade of C.

ART-331. Painting III. 3 Hours.

This advanced painting course will emphasize personal development and expression using the medium of choice. This course may be repeated up to three times.

Prerequisite: ART-330 (<http://catalog.neiu.edu/search/?P=ART-330>) minimum grade of C.

ART-332. Painting IV. 3 Hours.

This advanced painting course will focus on individual personal imagery, concepts, and ideas, with the goal of developing a personal voice. This course may be repeated up to three times.

Prerequisite: ART-331 (<http://catalog.neiu.edu/search/?P=ART-331>) minimum grade of C.

ART-333. Mural Painting. 3 Hours.

Working with a Chicago neighborhood, students will develop an understanding of the role of public art by collaborating on the planning and execution of a painted mural. This course may be repeated up to two times.

Prerequisite: ART-120 (<http://catalog.neiu.edu/search/?P=ART-120>) minimum grade of C.

ART-340. Sculpture II. 3 Hours.

This intermediate sculpture course introduces students to the fundamentals of figure modeling and casting methods. Class time is devoted exclusively to modeling, mold making, and various casting techniques.

Prerequisite: ART-240 (<http://catalog.neiu.edu/search/?P=ART-240>) minimum grade of C.

ART-341. Sculpture III. 3 Hours.

This advanced sculpture course provides an opportunity to investigate wood working concepts and techniques. Students will follow the wood shop safety rules, focusing on fabricating, carving, laminating, and wood finishing techniques. This course may be repeated up to three times.

Prerequisite: ART-340 (<http://catalog.neiu.edu/search/?P=ART-340>) minimum grade of C.

ART-342. Sculpture IV. 3 Hours.

This advanced sculpture course focuses on metal working techniques in relation to sculptural objects. Students will follow the metal shop safety rules, developing ARC/MIG/TIG welding, plasma cutting, and metal finishing techniques. This course may be repeated up to three times.

Prerequisite: ART-340 (<http://catalog.neiu.edu/search/?P=ART-340>) minimum grade of C.

ART-350. Printmaking II. 3 Hours.

This intermediate printmaking course will emphasize the planographic processes, which include screenprint, lithography and monotype. This course will also explore the possibility of the monoprint as it relates to these processes as well as continue a focus on research as it relates to personal studio practice.

Prerequisite: ART-250 (<http://catalog.neiu.edu/search/?P=ART-250>) minimum grade of C.

ART-351. Printmaking III. 3 Hours.

This advanced printmaking course introduces students to advanced techniques within traditional printmaking processes as well as experimental and non-traditional approaches. Students will investigate the possibilities of advanced printmaking techniques in relation to personal artistic vision and continue a focus on the development of independent studio practice and research. This course may be repeated up to three times.

Prerequisite: ART-350 (<http://catalog.neiu.edu/search/?P=ART-350>) minimum grade of C.

ART-352. Printmaking IV. 3 Hours.

This advanced printmaking course continues to explore advanced printmaking techniques with an emphasis on independent studio practice and research. Students will demonstrate a working knowledge of advanced printmaking techniques by creating a body of coherent and creative work. This course may be repeated up to two times.

Prerequisite: ART-351 (<http://catalog.neiu.edu/search/?P=ART-351>) minimum grade of C.

ART-362. Digital Photography. 3 Hours.

In this course digital photography techniques and printing are introduced and complemented development of a body of work. Assignments incorporate the technical aspects of specific skills while emphasizing their conceptual application. Prereq.: ART-261 (<http://catalog.neiu.edu/search/?P=ART-261>) or a portfolio of photographic work that demonstrates equivalent proficiency.

Prerequisite: ART-261 (<http://catalog.neiu.edu/search/?P=ART-261>) minimum grade of C.

ART-363. Controlled Photographic Lighting For In Studio and On Location. 3 Hours.

This course will cover the tools and techniques used to control photographic lighting. Emphasis is placed on creating solutions to complex lighting situations.

Prerequisite: ART-261 (<http://catalog.neiu.edu/search/?P=ART-261>) minimum grade of C.

ART-364. Historic And Alternative Photographic Processes. 3 Hours.

This course will cover a variety of advanced historic photographic processes and alternative ways of making images. Students will create a portfolio demonstrating conceptual maturation, advanced aesthetic skill, and technical competence in photography.

Prerequisite: ART-261 (<http://catalog.neiu.edu/search/?P=ART-261>) minimum grade of C.

ART-365. Advanced Photography. 3 Hours.

This course focuses on refinement of aesthetic and technical skills while developing a personal style in a self-directed, long-term photography project. Students also design and produce a photography exhibition. By instructor permission.

ART-370. Ceramics II. 3 Hours.

This intermediate ceramic studio course will emphasize materials, techniques, and design within a problem solving environment. Specific aesthetic and technical criteria will be examined and individual development will continue to be emphasized.

Prerequisite: ART-270 (<http://catalog.neiu.edu/search/?P=ART-270>) minimum grade of C.

ART-371. Ceramics III. 3 Hours.

This advanced ceramics course focuses on continuing the development of strong craftsmanship and knowledge of ceramic processes and techniques including developing personal clay bodies, glazes and firing kilns. Emphasis will be placed on reinforcing the principles of ceramic building techniques while exploring a personal artistic direction. This course can be repeated up to three times.

Prerequisite: ART-370 (<http://catalog.neiu.edu/search/?P=ART-370>) minimum grade of C.

ART-372. Ceramics IV. 3 Hours.

This advanced ceramics course emphasizes advanced ceramic processes and thematic investigations for creating relevant and meaningful work using traditional and non-traditional approaches to clay. This class focuses on the development of an independent artist's practice through open assignments designed to engage students in self-directed research of conceptual themes and advanced technical processes. This course can be repeated up to three times.

Prerequisite: ART-371 (<http://catalog.neiu.edu/search/?P=ART-371>) minimum grade of C.

ART-373. Metals And Jewelry II. 3 Hours.

This advanced metals and jewelry course will emphasize intermediate construction processes used in metalsmithing and jewelry. Students will continue to work on issues of design, function and concept.

Prerequisite: ART-273 (<http://catalog.neiu.edu/search/?P=ART-273>) minimum grade of C.

ART-374. Metals And Jewelry III. 3 Hours.

This advanced metals and jewelry course will emphasize advanced metalsmithing and jewelry techniques and modes of personal expression. Students will demonstrate the ability to arrive at unique design solutions and are expected to begin developing a personal voice. This course may be repeated up to three times.

Prerequisite: ART-373 (<http://catalog.neiu.edu/search/?P=ART-373>) minimum grade of C.

ART-375. Metals And Jewelry IV. 3 Hours.

This advanced metals and jewelry course emphasizes critical thinking skills, the synthesis of conceptual ideas and the notion of intentionality in finished work. This course may be repeated up to three times.

Prerequisite: ART-374 (<http://catalog.neiu.edu/search/?P=ART-374>) minimum grade of C.

ART-381. Studio In Graphic Design. 3 Hours.

Principles involved in the thought process, creation and production of a design project. Lecture and discussion. Suggested readings supplement the class experience.

Prerequisites: ART-281 (<http://catalog.neiu.edu/search/?P=ART-281>) minimum grade of C and ART-284 (<http://catalog.neiu.edu/search/?P=ART-284>) minimum grade of C.

ART-384. Internship In Graphic Design. 3 Hours.

On-site experience in a design studio, design department or advertising agency observing and participating in the everyday activities and projects.

Prerequisites: ART-281 (<http://catalog.neiu.edu/search/?P=ART-281>) minimum grade of C and ART-284 (<http://catalog.neiu.edu/search/?P=ART-284>) minimum grade of C.

ART-385. Web Design. 3 Hours.

Studio course emphasizing the techniques, processes, and tools required to create interactive web sites using current authoring technologies. Students will be introduced to contemporary authoring and management tools.

Prerequisite: ART-130 (<http://catalog.neiu.edu/search/?P=ART-130>) minimum grade of C.

ART-386. Multimedia Design. 3 Hours.

This is a multi-disciplinary course that explores the uses of multimedia applications. Students will be exposed to conceptual and practical components of multimedia authoring and develop interactive materials using authoring, image, sound and video editing software.

Prerequisite: ART-130 (<http://catalog.neiu.edu/search/?P=ART-130>) minimum grade of C.

ART-387. Special Topics In Graphic Design. 3 Hours.

This course offers an opportunity for the advanced study in the field of graphic design, focusing on one particular area within the broad spectrum of design practice. The topics examined in the class will rotate to cover a different area of focus each semester. The course is structured as a lecture and studio class offering an opportunity for in-depth analysis and practice. Some of the topics covered will include editorial design, branding and identity design, interactive design, art direction for advertising etc.

Prerequisite: ART-381 (<http://catalog.neiu.edu/search/?P=ART-381>) minimum grade of C.

ART-388. Typography II. 3 Hours.

Typography II focuses on advanced study of typographic form, as well as experimental approaches to typographic practice. In addition to advanced typesetting studies of multiple-page documents, students will work on customizing display typefaces, using non-traditional methods to generate unique typographic elements and exploring alternative methods for making meaning through the intersection of language and typography.

Prerequisite: ART-284 (<http://catalog.neiu.edu/search/?P=ART-284>) minimum grade of C.

ART-389. Print Production. 3 Hours.

This course will provide the information and techniques necessary to prepare graphics and text for professional printing. Projects will address pre-press procedures such as specifying output requirements, obtaining cost estimates, determining paper selection and performing press checks. Lecture topics cover techniques and terminology necessary for traditional and digital printing. Students will practice creating and preparing digital files for high resolution output and offset printing. The class will visit local companies involved in print production.

Prerequisite: ART-388 (<http://catalog.neiu.edu/search/?P=ART-388>) minimum grade of C.

ART-390. Independent Study In Visual Art. 3 Hours.

Individual investigation into a topic of the student's choice. Independent Studies require the approval of the instructor, department chair and the College Dean.

ART-3901. Independent Study In Visual Art. 1 Hour.**ART-3902. Independent Study In Visual Art. 2 Hours.****ART-3903. Independent Study In Visual Art. 3 Hours.****ART-390B. Independent Study In Visual Art. 3 Hours.**

Individual investigation into a topic of the student's choice.

ART-3911. Internship In Art. 1 Hour.

On-site experience in commercial or fine art studio observing and participating in everyday activities and projects. Course can be repeated up to a maximum of 6 credits of internship.

Prereq.: A 300 level art course in the medium related to the internship.

ART-3912. Internship In Art. 2 Hours.

On-site experience in commercial or fine art studio observing and participating in everyday activities and projects. Course can be repeated up to a maximum of 6 credits of internship.

Prereq.: A 300 level art course in the medium related to the internship.

ART-3913. Internship In Art. 3 Hours.

On-site experience in commercial or fine art studio observing and participating in everyday activities and projects. Course can be repeated up to a maximum of 6 credits of internship.

Prereq.: A 300 level art course in the medium related to the internship.

ART-391L. Studio Visual Art: Modern Art Of Latin America. 3 Hours.

This course covers the art of Latin America from the period of Independence to the present. The focus will be primarily on the arts of Mexico and South America, although some time will be dedicated to movements in Cuba and Haiti as well. Topics will include: Romanticism in Latin America, Modernismo, Mexican Muralism, Indigenismo, Constructivism, Surrealism, Concrete and Neo-Concrete Art, Geometric art, Optical and Kinetic art, Conceptual and Political art, and contemporary issues.

ART-392A. Writing Intensive Program: Professional Practices. 1 Hour.

This course continues to introduce art students to general business practices that are prevalent in the fine and applied arts. Topics to be covered are basic portfolio development, exhibition design and installation skills, marketing strategies, exhibition opportunities, professional arts organizations, online portfolio development, critique styles, presentation styles, writing exhibition reviews and the Chicago job market. This course is required for all studio art majors and fulfills the university writing intensive requirement within the major.

Prerequisite: ART-292 (<http://catalog.neiu.edu/search/?P=ART-292>) minimum grade of C.

ART-392B. Writing Intensive Program: Professional Practices. 1 Hour.

This course continues to introduce art students to general business practices that are prevalent in the fine and applied arts. Topics to be covered are basic portfolio development, exhibition design and installation skills, marketing strategies, exhibition opportunities, professional arts organizations, online portfolio development, critique styles, presentation styles, writing exhibition reviews and the Chicago job market. This course is required for all studio art majors and fulfills the university writing intensive requirement within the major.

Prerequisite: ART-392A (<http://catalog.neiu.edu/search/?P=ART-392A>) minimum grade of C.

ART-393. Studio Problems In Commercial Art. 3 Hours.

Prerequisite: ART-284 (<http://catalog.neiu.edu/search/?P=ART-284>) minimum grade of D.

ART-394A. Writing Intensive Program: Professional Practices In Graphic Design 2. 1 Hour.

Professional Practices is three-part series of one-credit courses that are to be taken in sequence. This course will introduce students to general business practices that are prevalent in the graphic design field. Topics to be covered are professional portfolio presentation skills, freelance business skills, marketing strategies, joining professional organizations, online portfolio development, writing job application materials and understanding the Chicago job market. This course is required for all graphic design majors and fulfills the university writing intensive requirement within the major.

Prerequisite: ART-294 (<http://catalog.neiu.edu/search/?P=ART-294>) minimum grade of C.

ART-394B. Writing Intensive Program: Professional Practices In Graphic Design 3. 1 Hour.

Professional Practices is three-part series of one-credit courses that are to be taken in sequence. This course will introduce students to general business practices that are prevalent in the graphic design field. Topics to be covered are professional portfolio presentation skills, freelance business skills, marketing strategies, joining professional organizations, online portfolio development, writing job application materials and understanding the Chicago job market. This course is required for all graphic design majors and fulfills the university writing intensive requirement within the major.

Prerequisite: ART-394A (<http://catalog.neiu.edu/search/?P=ART-394A>) minimum grade of C.

ART-394C. Senior Exhibition. 2 Hours.

All students pursuing a BFA degree in Graphic Design are required to participate in a senior exhibition, under the guidance of a graphic design faculty mentor. Students are free to select their mentor, however the department recommends that this be someone that the student has worked with in the past. Students are responsible for creating exhibition level projects in cooperation with their faculty mentors in order to receive a passing grade. The final projects should have a specific, well-conceived theme, direction and intent and demonstrate the formal skills learned during the pursuit of a BFA in Graphic Design.

Prerequisite: ART-394B (<http://catalog.neiu.edu/search/?P=ART-394B>) minimum grade of C.

Bilingual/Bicultural Education (BLBC)

Courses

BLBC-301. Curriculum Of The Elementary School. 3 Hours.

The relationship of theory to practice is studied in a variety of elementary and middle school curricula. Analyses and interpretations of teaching-learning processes are conducted. Special attention is directed to: (1) instructional objectives in planning, (2) application of theories of child development, learning, classroom management, and instructional methodology to multicultural curriculum development, (3) unit and lesson planning, and (4) evaluation techniques. Strategies for meeting the needs of students with special needs are explored.

Prerequisites: EDFN-306 (<http://catalog.neiu.edu/search/?P=EDFN-306>) minimum grade of C and College of Education Admission YES.

Corequisite: BLBC-302 (<http://catalog.neiu.edu/search/?P=BLBC-302>).

BLBC-302. Writing Int Prog: Foundations Of Teaching Language Arts To Culturally & Linguistically Diverse Stdnt. 3 Hours.

This course is designed to provide BLBC candidates with an overview of the theory, best practices, curriculum design and materials used in teaching language arts in K-8 classrooms. Language arts instruction includes the mastery of six language arts competencies: reading, writing, listening, talking, viewing and visual representation, and also emphasizes integration of the arts including drama, movement and vocal expression. This course addresses differentiating instruction to meet the needs of culturally and linguistically diverse (CLD) diverse learners with attention to special needs students and English learners (ELs). BLBC-302 (<http://catalog.neiu.edu/search/?P=BLBC-302>) WIP is a writing intensive course affording students the opportunity to demonstrate competency in writing in various genres throughout the course.

Prerequisite: College of Education Admission YES.

Corequisite: BLBC-301 (<http://catalog.neiu.edu/search/?P=BLBC-301>).

BLBC-306A. Literacy Development For Culturally & Linguistically Diverse Students. 3 Hours.

This course enables teacher candidates to learn and apply proven techniques derived from classrooms with culturally and linguistically diverse (CLD) students. This course offers candidates strategies for engaging in acts of advocacy and systemic approaches that effectively support high-quality, equitable literacy learning environments for CLD students based on research, practice, and meaningful strategies. This course addresses gaps in research surrounding literacy instruction for CLD students so that candidates can bridge theory to practice as they develop culturally responsive pedagogical methods and materials for developing literacy across content areas. All approaches presented in this course encourage the integration of all language skills as integral building blocks for literacy and bi-literacy development.

Prerequisites: BLBC-301 (<http://catalog.neiu.edu/search/?P=BLBC-301>) minimum grade of B and BLBC-302 (<http://catalog.neiu.edu/search/?P=BLBC-302>) minimum grade of B and College of Education Admission YES.

Corequisite: BLBC-328 (<http://catalog.neiu.edu/search/?P=BLBC-328>).

BLBC-306B. Methods Of Teaching Reading - Elementary School Without Clinical Experience. 3 Hours.

Prerequisite: College of Education Admission YES.

BLBC-328. Clinical Experience In Elementary Education. 1 Hour.

Seminar sessions and intensive clinical experiences in elementary schools are undertaken by teacher education candidates concurrent with BLBC-306A (<http://catalog.neiu.edu/search/?P=BLBC-306A>) / ELED-306A (<http://catalog.neiu.edu/search/?P=ELED-306A>). The field experience involves supervised, graduated, interactive teaching situations with students in culturally and linguistically diverse school settings. The seminar's focus revolves around topics for reflection on issues and practices in the school community. This course fulfills the State of Illinois' certification requirement of a minimum of 100 clock hours in a K-8 classroom before student teaching.

Prerequisite: College of Education Admission YES.

Corequisite: BLBC-306A (<http://catalog.neiu.edu/search/?P=BLBC-306A>).

BLBC-328A. Clinical Experience I. 2 Hours.

This course provides teacher candidates who are enrolled in ELED-338 / BLBC-338 (<http://catalog.neiu.edu/search/?P=BLBC-338>) Foundations in Teaching English Learners with intensive clinical experience in elementary classrooms with culturally and linguistically diverse (CLD) students. This course provides candidates with opportunities for supervised interactions with children in selected content areas. Candidates meet with a university supervisor in weekly seminars. This course fulfills 50 clock hours of the 100 clinical experience hours required by the State for certification/licensure. Requisite: ELED BLBC Program consent. Passing score on ILTS Content Area Test: Elementary/Middle Grades.

Prerequisites: ELED-300 (<http://catalog.neiu.edu/search/?P=ELED-300>) minimum grade of C and (ELED-302 (<http://catalog.neiu.edu/search/?P=ELED-302>) minimum grade of C or BLBC-302 (<http://catalog.neiu.edu/search/?P=BLBC-302>) minimum grade of C).

Corequisite: BLBC-338 (<http://catalog.neiu.edu/search/?P=BLBC-338>).

BLBC-329. Student Teaching In Elementary Education, K-9. 9 Hours.

This course provides the teacher candidate with sixteen weeks of full day supervised classroom teaching experience combined with weekly class discussions. Teacher Candidates must submit a completed edTPA portfolio.

Prerequisites: Illinois Content Area Test PASS and College of Education Admission YES and BLBC-328 (<http://catalog.neiu.edu/search/?P=BLBC-328>) minimum grade of B.

Corequisite: EDFN-308 (<http://catalog.neiu.edu/search/?P=EDFN-308>).

BLBC-338. Bilingualism And Education. 3 Hours.

Bilingualism and education in different parts of the world, its sudden importance in the United States as a method of teaching the Spanish-speaking child in the metropolitan areas to become self-directing in a culture different from his own. Emphasis will be placed upon the educational problems of large ethnic groups in urban centers, such as Puerto Ricans, Mexicans and Cubans.

BLBC-339. Culturally Responsive Teaching in Diverse Classrooms. 3 Hours.

This course will explore the social and educational issues faced by teachers in diverse classrooms. Students will examine the different cultural groups to which students and their families belong, paying special attention to issues of race, ethnicity, gender, class, language, sexual orientation, religion, ability, geography and age. This course will explore instructional strategies and culturally responsive practices for diverse learners.

Prerequisite: College of Education Admission YES.

BLBC-340. Teaching English Learners In Diverse Classrooms. 3 Hours.

This course presents candidates with the necessary academic and pedagogical preparation for teaching culturally and linguistically diverse (CLD) students in elementary classrooms who are limited English proficient (English learners). The aim of this course is to provide candidates with the research-based knowledge and skills necessary to differentiate instruction and assessment practices in the content areas for English learners. The focus is also on enabling candidates to create an effective learning environment in which English learners develop English language proficiency and literacy skills. Requisite: Admission to the College of Education.

Prerequisite: College of Education Admission YES.

BLBC-341. Methods of Teaching in Bilingual Classrooms. 3 Hours.

This course provides the necessary academic, pedagogical, sociocultural, and clinical preparation for teaching in diverse classrooms that serve culturally and linguistically diverse (CLD) students who are learning through the medium of the first (L1) and second languages (L2). A primary focus is on analyzing, evaluating, and developing the most appropriate materials, approaches, methods, and strategies that foster an effective learning environment in which CLD students acquire literacy, content knowledge and essential academic skills as well as respect for diverse languages and cultures.

Prerequisite: College of Education Admission YES.

BLBC-342. Assessment In The Bilingual Classroom. 3 Hours.

Study of recent developments and trends in the assessment of language in the context of bilingual education. Analysis and evaluation of bilingual tests in current use. Review of relevant assessment procedures.

BLBC-438. Foundations Of Bilingual Education. 3 Hours.

Introduces the fundamentals of bilingual education through the understanding of language and culture diversity and the emergence of different bilingual and bicultural teaching and learning situations in our schools and communities. It is necessary to understand the politics and policies that govern those situations and the problems associated with them and the manner in which the emerging problems are handled and solved. All instructional problems and solutions are managed in line with the latest philosophies, theories, and principles of bilingual education and their application to culture and language diverse classroom situations.

BLBC-439. Ethnic Diversity In Our Schools: A Cross Cultural/Linguistic Survey. 3 Hours.

Surveys the ethnic, cultural and linguistic history and evolution of the U.S. as a pluralistic nation. This survey covers precolonial America, colonization, forced displacement and exploitation of Africans and the following immigration waves since the 18th century. The cultural and linguistic characteristics of each group are discussed with highlights on language and culture maintenance, erosion or disappearance across generations. Erosion and disappearance of language and culture are approached in terms of the processes of acculturation and assimilation, whereas their maintenance is portrayed through recent practices in pluralism of which the implementation of bilingual education and multicultural education are typical examples.

Prerequisite: (BLBC-438 (<http://catalog.neiu.edu/search/?P=BLBC-438>) minimum grade of C or CIBB-438 minimum grade of C).

BLBC-440. Methods For Teaching English Learners In Diverse Classrooms. 3 Hours.

This course presents candidates with the necessary academic and pedagogical preparation for teaching linguistically and culturally diverse students in elementary classrooms who are limited English proficient (English learners). The aim of this course is to provide candidates with the research-based knowledge and skills necessary to differentiate instruction and assessment practices in the content areas for English learners. The focus is also on enabling candidates to create an effective learning environment in which English learners develop English language proficiency and content knowledge.

Prerequisites: ELED-506 (<http://catalog.neiu.edu/search/?P=ELED-506>) minimum grade of B and INMD-410 minimum grade of B.

Corequisite: ELED-428B (<http://catalog.neiu.edu/search/?P=ELED-428B>).

BLBC-441. Materials, Methods And Techniques For Teaching Limited English Proficient Students. 3 Hours.

With the steady increase in the number of language minority students especially those with limited English proficiency, a better understanding of their affective, physical and cognitive needs and readiness for learning in the second language and culture environments is becoming indispensable. This course provides the necessary academic, pedagogical, and clinical preparation for teaching in situations involving limited English proficient students learning through the medium of the first or second language or a combination of both. A primary focus is on developing the most appropriate materials, approaches and methods and the necessary sets of strategies and techniques for implementation.

Prerequisite: BLBC-438 (<http://catalog.neiu.edu/search/?P=BLBC-438>) minimum grade of C.

BLBC-442. Assessment Tools For Bilingual Students. 3 Hours.

Assessment is indispensable in any language/ culture learning situation and for a wide variety of purposes, e.g. proficiency, placement, achievement, diagnosis, aptitude. All teachers in monolingual and bilingual classrooms need to understand the purposes, principles, procedures of assessment and how to construct assessment tools and interpret their data. In bilingual situations where more than one language and culture are involved, teachers should be aware of language and culture interfacing and guard against biases, misconceptions and misinterpretations. Participants in this course should be able to critique, evaluate and construct different assessment tools ranging from testing to portfolio and performance-based.

Prerequisites: BLBC-438 (<http://catalog.neiu.edu/search/?P=BLBC-438>) minimum grade of C and BLBC-441 (<http://catalog.neiu.edu/search/?P=BLBC-441>) minimum grade of C.

Biology (BIO)

Courses

BIO-100. Introduction To Biology. 3 Hours.

This course addresses the problems of living things with emphasis on human physiology and the propagation of life, covering major biological concepts and principles. The course consists of lectures and labs; labs include required dissection. (the course does not fulfill major or minor requirements in biology.).

BIO-104. The Changing Natural Environment. 3 Hours.

Attitudes toward the natural environment. Exploitation of the natural plant and animal communities and the effects of overpopulation and increasing pollution of the environment on the biological world. Lecture only. (Does not fulfill major or minor requirements in Biology.).

BIO-105. Environmental Biology Lab. 1 Hour.

This course provides a field and laboratory experience to accompany the MS Concepts Minor Section of "Changing Natural Environment". Data collected in the field and laboratory will be used for analysis in the paired MATH-147 (<http://catalog.neiu.edu/search/?P=MATH-147>) course in statistics and probability. The field and lab course will focus on the process of science-from exploratory and inquiry based laboratory field work to scientific communication and presentation skill. Technology will be threaded throughout the course. Topics include diversity and viability in nature, ecosystem services, and flows of matter and energy. This course is linked to BIO-104 (<http://catalog.neiu.edu/search/?P=BIO-104>) and MATH-147 (<http://catalog.neiu.edu/search/?P=MATH-147>).

Prerequisites: (BIO-100 (<http://catalog.neiu.edu/search/?P=BIO-100>) minimum grade of C or BIOL-100 minimum grade of C) and (MATH-180 minimum grade of C or MATH-199A minimum grade of C).

Corequisites: BIO-104 (<http://catalog.neiu.edu/search/?P=BIO-104>), MATH-147 (<http://catalog.neiu.edu/search/?P=MATH-147>).

BIO-107. The Effects of Food & Drugs. 3 Hours.

BIO-109A. First Year Experience: Alien Invasions Of Chicago. 3 Hours.

Global trade and travel has been responsible for spreading microbes, plants and animals across great distances and previously insurmountable barriers, and many of these species, once introduced into a new area become ecological invaders. Species that become invasive have strong negative impacts, both economic and ecological, so a great deal of resources are dedicated to controlling or removing them. This course will survey the diversity of species that have invaded ecological communities in the Chicago area, look at the factors that allowed them to become invasive, look at the ways in which these invaders have had negative ecological and economic impacts in the region, and review examples of how ecological principles have been and are being applied to control them. Students will meet with local experts in the field, in order to get first-hand experience with some of the more infamous invasive species and see Chicago from the perspective of urban ecologists.

BIO-150. Essential Skills For Biologists. 2 Hours.

A practical approach to providing students with the basic skill they will be expected to have in upper-division biology courses, including lab safety; methods and units of scientific measurement; scientific record-keeping, communication and library research skills; and summarizing and presenting data. Lecture and laboratory with a significant web-based component.

Prerequisites: (MATH-092 (<http://catalog.neiu.edu/search/?P=MATH-092>) - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 45 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120) and (ESL-120 or ELP-099 or NEIU English Placement Writing 7 - 9 or ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) - 102 or (Accuplacer WritePlacer 4 and Accuplacer Sentence Skills 095 - 120) or (Accuplacer WritePlacer 5 - 8 and Accuplacer Sentence Skills 020 - 120)) and (READ-095 - 116 or ACT Reading 20 - 36 or NEIU English Placement Reading 5 - 9 or Accuplacer Reading Comp 080 - 120).

Corequisite: BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>).

BIO-199. Topics In Teaching Middle School Biology. 4 Hours.

Corequisite: MATH-145 (<http://catalog.neiu.edu/search/?P=MATH-145>).

BIO-201. General Biology I. 4 Hours.

The first course of our introductory biology series focuses on the organismal aspects of biology, including: the basic structure of animal and plant cells; intracellular organelles; metabolic pathways; the cell cycle; and basic genetics. Laboratory exercises emphasize scientific method and writing, and include experience with basic techniques such as microscopy, biological assays, and gel electrophoresis. Lecture and laboratory.

Prerequisites: (MATH-092 (<http://catalog.neiu.edu/search/?P=MATH-092>) - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 45 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120) and (ESL-120 or ELP-099 or NEIU English Placement Writing 7 - 9 or ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) - 102 or (Accuplacer WritePlacer 4 and Accuplacer Sentence Skills 095 - 120) or (Accuplacer WritePlacer 5 - 8 and Accuplacer Sentence Skills 020 - 120)) and (READ-095 - 116 or ACT Reading 20 - 36 or NEIU English Placement Reading 5 - 9 or Accuplacer Reading Comp 080 - 120).

Corequisite: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>).

BIO-202. General Biology II. 4 Hours.

In this second course of our introductory biology series we introduce the diversity of life in the context of evolutionary theory, studying biological processes at levels of organization ranging from populations to ecosystems. Laboratory exercises emphasize scientific method and writing and include surveys of major groups of organisms and dissections. Lecture and laboratory.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and (BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C or BIOL-102 minimum grade of C).

BIO-299. Ecology Concepts. 3 Hours.

This course provides a foundation in core ecology concepts as they relate to the practice of middle school teaching. A quantitative perspective will be stressed and topic will be analyzed using tools from calculus, technology, concept and agent modeling whenever possible. Course will focus on scientific inquiry methodology and process, from exploratory and inquiry-based laboratory and field work to scientific communication and presentation skills. Topics include population growth, competition, and flows of matter and energy. This course is linked to MATH-380 (<http://catalog.neiu.edu/search/?P=MATH-380>).

Prerequisites: BIO-100 (<http://catalog.neiu.edu/search/?P=BIO-100>) minimum grade of C or BIOL-100 minimum grade of C and (BIO-104 (<http://catalog.neiu.edu/search/?P=BIO-104>) minimum grade of C or BIOL-104 minimum grade of C) and (MATH-380 (<http://catalog.neiu.edu/search/?P=MATH-380>) minimum grade of C or MATH-199X minimum grade of C).

BIO-301. Cell Biology. 4 Hours.

Basic molecular and cellular processes. Structures of biomolecules. Energetics: enzymes, photosynthesis, respiration. Genetic control: chromatin, DNA replication, RNA transcription and regulation, protein synthesis. Cell functions, including: protein secretion; cell membrane structure; transport and surface interactions; cell cycle; cell motility; cell growth; cell origins. Lecture and laboratory.

Prerequisites: (BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C or BIOL-102 minimum grade of C) and BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and CHEM-211 (<http://catalog.neiu.edu/search/?P=CHEM-211>) minimum grade of C.

BIO-303. General Genetics. 4 Hours.

This course is designed to provide students with a comprehensive background in genetics including classical/Mendelian genetics, bacterial and phage/viral genetics, the chromosomal and molecular basis of heredity, and population genetics. Lecture and laboratory.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C.

BIO-305. Writing Intensive Program:General Ecology. 4 Hours.

An introduction to the basic concepts of ecology. Study of the factors/interactions that determine the distribution and abundance of species at the individual, population, community, and ecosystem levels. You will satisfy the writing intensive requirement by writing in a variety of discipline-specific formats. Lecture, laboratory, and fieldwork, with up to two field trips scheduled on a Friday, Saturday, or Sunday.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C and ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) minimum grade of C.

BIO-310. Evolution. 3 Hours.

A reading/lecture/discussion course on the facts, theories and principles of organic evolution. Lecture only.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C.

BIO-311. History of Science. 3 Hours.

Development of the scientific method and knowledge of the natural sciences from ancient civilization to the present. Lecture only.

BIO-318. Human Anatomy And Physiology I. 4 Hours.

This is the first course in a two course series of human anatomy and physiology. It will provide a foundation of anatomical terms and explain structure-function relationships of tissues and organs. The course will focus on the anatomy and physiology of integumentary, skeletal, muscular and nervous systems. Interaction and regulation of various systems to maintain homeostasis will be studied. In the lab component, students will get hands on experience with a human cadaver. They will examine and identify each system studied in class. Wherever possible, histology of tissues will be studied. Pathological conditions of each system will be discussed, including recent advances in treatment.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-301 (<http://catalog.neiu.edu/search/?P=BIO-301>) minimum grade of C.

BIO-319. Human Anatomy And Physiology II. 4 Hours.

This is the second course in a two course series of human anatomy and physiology. The course will focus on the anatomy and physiology of respiratory, circulatory, digestive, urinary, reproductive and endocrine systems. Interaction and regulation of these systems to maintain homeostasis will be studied. In the lab component, students will study human cadaver as well as anatomical models. Wherever possible, histology of tissues will be studied. Pathological conditions of each system will be discussed, including recent advances in treatment.

Prerequisites: BIO-318 (<http://catalog.neiu.edu/search/?P=BIO-318>) minimum grade of C and BIO-301 (<http://catalog.neiu.edu/search/?P=BIO-301>) minimum grade of C.

BIO-320. Animal Kingdom. 4 Hours.

Anatomy, physiology, classification and phylogeny of animals. Lecture and laboratory.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C.

BIO-322. Invertebrate Zoology. 4 Hours.

Taxonomy and comparative morphology of the major phyla of invertebrates, organisms that comprise about 95% of animal life. Topics include life histories of representative species. Lecture and laboratory.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C.

BIO-323. Entomology. 4 Hours.

Insects, their identification, classification, habits and ecological relationships with special emphasis on those common to the Chicago area. Lecture, laboratory and fieldwork.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C.

BIO-324. Ornithology. 4 Hours.

Birds, their identification, classification, habits and ecological relationships with special emphasis on those common to the Chicago area. Lecture, laboratory and fieldwork.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C.

BIO-325. Local Fauna. 4 Hours.

Taxonomy and field identification characteristics of local animal groups with emphasis on collecting organisms in selected ecosystems in the region. Both major invertebrate and vertebrate taxa are surveyed; organisms collected in the field are studied in the laboratory. Student prepare a collection of labeled organisms. Lecture, laboratory and fieldwork.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C.

BIO-326. Animal Parasitology. 4 Hours.

Taxonomy, anatomy, physiology and significance of parasitic animals; host-parasite interactions; distribution of parasites throughout the world; examination of their life cycles, and prophylaxis and therapy of parasitic infections. Lecture and laboratory.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C.

BIO-327. Mammalian Anatomy. 4 Hours.

Gross architectural elements of the mammalian body, with emphasis upon correlation of form and function. Lecture and laboratory.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C.

BIO-328. Animal Behavior. 3 Hours.

Comparative ethology in the animal kingdom and its adaptive significance based upon the evolution of form and function of the nervous system, sense organs and effector organs. Topics include instinct, learning, intelligence, social organization and their physiological integrating mechanisms. Lecture only.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C.

BIO-330. Plant Anatomy And Morphology. 4 Hours.

Plants are a diverse and important group of organisms. In this course students compare the morphology and anatomy of vascular and nonvascular plants, use scientific method to answer a question about plants using microscopy and other anatomical or morphological techniques, and communicate results of their studies to classmates. The course includes instruction in plant identification techniques and in taxonomic methods. Lecture and laboratory.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C.

BIO-331. Plant Physiology. 4 Hours.

Physiochemical basis of plant life, emphasizing life processes of major significance to the seed plants. Lecture and laboratory.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-301 (<http://catalog.neiu.edu/search/?P=BIO-301>) minimum grade of C.

BIO-332. Local Flora. 4 Hours.

The study of local plant species, with emphasis on phylogenetic relationships, systematics, ecological relationships and economic or ethnobotanic uses. Focus will be on species that are flowering during the semester that the course is taught, usually summer or fall. Lecture, laboratory and field trips.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C.

BIO-333. Economic Botany. 3 Hours.

Plants of particular economic significance to humans as sources of food, fibers, flavoring agents, drugs and industrial chemical; horticultural plants; the role of economic plants in past and modern society. Lecture Only.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C.

BIO-334. General Mycology. 4 Hours.

The study of fungi, a distinct kingdom of unicellular and filamentous organisms, Fungi have tremendous ecological importance playing essential roles as decomposers as well as parasites and symbionts. Fungi also have significant economic importance in the food and beverage industries. This course covers all aspects of fungal biology, including laboratory culture, natural history, morphogenesis, genetics and physiology. Lecture and laboratory.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C.

BIO-340. Molecular Biology. 4 Hours.

This course is designed for upper level undergraduates and builds on Genetics and Cell Biology. Molecular biology is rapidly advancing the fields of biomedical sciences and agricultural sciences. Understanding the chemistry of DNA, RNA and proteins has allowed scientists in biomedical and agricultural sciences the ability to manipulate these macromolecules to more fully understand cellular functions, treat human diseases and engineer more viable crops and live stock. This course is designed to provide students with a broad understanding of molecular biology as well as teach modern molecular biology techniques routinely used in research labs, forensics labs and hospital diagnostic labs. Lecture and Laboratory.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-301 (<http://catalog.neiu.edu/search/?P=BIO-301>) minimum grade of C and BIO-303 (<http://catalog.neiu.edu/search/?P=BIO-303>) minimum grade of C.

BIO-341. General Microbiology. 4 Hours.

Study of the taxonomy and identification, ultrastructure and function, nutrition and growth, physiology, metabolism, molecular genetics, host-microbial interactions, immunology ecology and biotechnology of microorganisms and viruses. Lecture and laboratory.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-301 (<http://catalog.neiu.edu/search/?P=BIO-301>) minimum grade of C.

BIO-342. Pathogenic Microbiology. 3 Hours.

Systematic study of the distinctive cellular and molecular properties of pathogenic microorganisms including bacteria, fungi, viruses and protozoans. Mechanisms of infection, diagnosis, treatment and control of these microorganisms. Lecture only.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-341 (<http://catalog.neiu.edu/search/?P=BIO-341>) minimum grade of C.

BIO-343. Virology. 4 Hours.

The course is designed to give students a background of animal, plant and bacterial viruses with further emphasis on animal viruses. Topics covered will include but are not restricted to, replication strategies and life cycle, molecular mechanisms of infection, virus host interactions, viral evasion of body's immune response and various pathological conditions. Laboratory exercises will include growth and isolation of virus, plaques assays, DNA cloning and expression of heterologous gene using a viral vector. Upon completion of the course, students will have a knowledge base useful towards medical or other health related careers. Lecture and laboratory.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-341 (<http://catalog.neiu.edu/search/?P=BIO-341>) minimum grade of C.

BIO-344. Vertebrate Histology. 4 Hours.

This course will focus on the basic characteristics and identification of the primary vertebrate tissues, as well as their organization into organ systems. Where appropriate microanatomy will be integrated with organ functions. Examination of microscope slides, light micrographs, and electronmicrographs of tissues and organs will be used in the study of vertebrate histology. Lecture and laboratory.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-301 (<http://catalog.neiu.edu/search/?P=BIO-301>) minimum grade of C.

BIO-345. Emerging Infectious Diseases. 3 Hours.

Emerging infectious diseases are those that have not previously been seen and those that are re-emerging after having been controlled. This course will provide an introduction to significant emerging infectious diseases in humans. Through a combination of lecture, discussion, and in-class activities, this course will focus on factors that contribute to emerging infectious diseases, mechanisms of disease transmission, as well as analysis of specific diseases, their associated diagnosis and prevention.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-341 (<http://catalog.neiu.edu/search/?P=BIO-341>) minimum grade of C.

BIO-346. Parasites And Human Health. 3 Hours.

In-depth study of the major helminth, protozoan, and arthropod parasites of humans. The course will compare these organisms to other human pathogens and provide insight into their unique historical and contemporary importance at the individual host, population, and global scales. Using a mathematical epidemiological approach, this course is designed to give students a hands-on experience with topics including transmission, pathology, immunology, and distributions of parasites within and among human hosts. The course will also provide students with a broad understanding of diagnosis, control, treatment, and prevention. Lecture. Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>), BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>), BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>), BIO-305 (<http://catalog.neiu.edu/search/?P=BIO-305>), MATH-187 (<http://catalog.neiu.edu/search/?P=MATH-187>) OR MATH-275 (<http://catalog.neiu.edu/search/?P=MATH-275>). BIO-326 (<http://catalog.neiu.edu/search/?P=BIO-326>) recommended.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-305 (<http://catalog.neiu.edu/search/?P=BIO-305>) minimum grade of C and (MATH-187 (<http://catalog.neiu.edu/search/?P=MATH-187>) minimum grade of C or MATH-275 (<http://catalog.neiu.edu/search/?P=MATH-275>) minimum grade of C).

BIO-350. Plant Ecology. 4 Hours.

An introduction to how the concepts of ecology have been developed for and applied to plant systems. This course is an extension of General Ecology and emphasizes not only the ways in which general principles have been applied to plants, but also concepts and methodology unique to plants. Lecture, laboratory and fieldwork.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-305 (<http://catalog.neiu.edu/search/?P=BIO-305>) minimum grade of C.

BIO-351. Phycology. 4 Hours.

By studying the biology of algae, students will examine the complex ecological interactions of algae with their environments, the roles that algae have played in the evolution of life, and the increasing uses of algae in biotechnology. There will be several sampling trips to wetlands, lakes, and streams, including a Friday or Saturday field trip outside of Cook County. Students will design and conduct original research projects involving identification and study of algal taxa. The course fulfills the undergraduate requirement for a botany elective and can also be taken for graduate credit. Lecture, laboratory, and fieldwork.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C.

BIO-352. Aquatic Biology. 4 Hours.

Students will study the biological processes that occur in freshwaters, the measurement of those processes, and the interaction of biological processes with water chemistry. Students will learn to collect quantitative ecological samples through field work in area lakes and rivers and they will analyze the biological organisms and related water chemistry of their samples upon return to the lab. Students will design and conduct original research projects. there will be several field trips, including a Friday or Saturday field trip outside of Cook County. Lecture, laboratory and fieldwork.

Prerequisites: CHEM-211 (<http://catalog.neiu.edu/search/?P=CHEM-211>) minimum grade of C and BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C.

BIO-357. Community Ecology. 3 Hours.

The course is designed for upper-level undergraduates and graduate students who are generally interested in ecology, conservation biology, and restoration ecology. Specifically, the course focuses on community ecology, an area of ecology that emphasizes how the interrelationships among several species within an area determine the structure and function of ecological communities within an ecosystem. The course explores the attributes that characterize communities as well as their organizing principles. In addition, the course covers approaches to their study and the implications they have on ecosystems. Throughout the course, examples from marine, terrestrial, and freshwater communities will be used to address the conceptual basis of the class. This class relies heavily on active discussion of primary literature (current and classic) as well as in-depth writing on selected topics.

Prerequisite: BIO-305 (<http://catalog.neiu.edu/search/?P=BIO-305>) minimum grade of C.

BIO-358. Biological Geography. 3 Hours.

Geographic distribution of living organisms and the biological and geological principles underlying this distribution. Lecture only.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-305 (<http://catalog.neiu.edu/search/?P=BIO-305>) minimum grade of C.

BIO-359. Ecological Methods. 4 Hours.

Field and laboratory methodology for the ecologist. Includes instruction on experimental design, quantitative sampling, data acquisition and interpretation as well as the preparation of project reports. Lecture and laboratory.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-305 (<http://catalog.neiu.edu/search/?P=BIO-305>) minimum grade of C and MATH-275 (<http://catalog.neiu.edu/search/?P=MATH-275>) minimum grade of C.

BIO-360. Vertebrate Physiology. 4 Hours.

Functions and interrelationships of organ systems. Lecture and laboratory.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-301 (<http://catalog.neiu.edu/search/?P=BIO-301>) minimum grade of C.

BIO-361. Human Genetics. 4 Hours.

This course is designed for upper level undergraduate and graduate students, builds on General Genetics, and emphasizes human medical genetics. Topics covered include but are not restricted to: known human genetic disorders; use of karyotyping, microsatellite analysis and sequencing in the diagnosis of genetic disorders; use of pedigrees, epidemiological and molecular studies in the identification of genetic contributions to multifactorial conditions and diseases. Lecture and laboratory.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-303 (<http://catalog.neiu.edu/search/?P=BIO-303>) minimum grade of C.

BIO-362. Biochemistry. 4 Hours.

Chemistry and metabolism of carbohydrates, proteins, nucleic acids, lipids, vitamins and minerals associated with animal and plant life. Lecture and laboratory.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-301 (<http://catalog.neiu.edu/search/?P=BIO-301>) minimum grade of C and CHEM-231 (<http://catalog.neiu.edu/search/?P=CHEM-231>) minimum grade of C.

BIO-363. Immunology. 4 Hours.

The goals of the course are to study the role of cells and organs of immune system in health and disease. Topics covered will include but are not restricted to innate and adaptive immunity, molecular mechanisms of antibody diversity, major histocompatibility complex, complement system, immunodeficiency, allergies, immunology of cancer and organ transplantation. Recent developments in techniques and immunotherapies will also be discussed. The course will give the students theoretical and practical knowledge applicable to medical and other health related fields.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-301 (<http://catalog.neiu.edu/search/?P=BIO-301>) minimum grade of C.

BIO-364. Endocrinology. 4 Hours.

The study of hormones and other signaling molecules and their functions in growth control, maintaining homeostasis and reproduction. Lecture and laboratory.

Prerequisites: CHEM-231 (<http://catalog.neiu.edu/search/?P=CHEM-231>) minimum grade of C and BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-360 (<http://catalog.neiu.edu/search/?P=BIO-360>) minimum grade of C.

BIO-365. Neurobiology. 4 Hours.

This course is designed for upper level undergraduate and graduate students. An in depth examination of nervous systems in vertebrates and invertebrates. Topics covered include but are not restricted to: excitable membrane physiology, synaptic mechanisms, and neuronal organization with emphasis on the integrative aspects of neural function. Lecture and laboratory. (Recommended one Physiology course - Bio 318, Bio 319, Bio 331 or Bio 360).

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-301 (<http://catalog.neiu.edu/search/?P=BIO-301>) minimum grade of C.

BIO-366. Cancer Biology. 3 Hours.

This course is designed for upper level undergraduate and graduate students and emphasizes the molecular and cellular basis of cancer. Topics covered include epidemiology of cancer, genetics of cancer, molecular mechanisms behind cancer, impact of viruses on human cancer development, and the biochemistry of cancer. Lecture only.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-301 (<http://catalog.neiu.edu/search/?P=BIO-301>) minimum grade of C and BIO-303 (<http://catalog.neiu.edu/search/?P=BIO-303>) minimum grade of C.

BIO-367. Developmental Biology. 4 Hours.

This course is designed for upper level undergraduate and will build on concepts covered in introductory biology using skills and knowledge gained in Cell Biology and Physiology. We will look at patterns of normal and abnormal development in the embryo emphasizing development interactions between cells and systems and how these systems are disrupted during development leading to birth defects. The course is designed to give students the basic knowledge needed to go on into research or professional school. Lecture and laboratory.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-303 (<http://catalog.neiu.edu/search/?P=BIO-303>) minimum grade of C and (BIO-301 (<http://catalog.neiu.edu/search/?P=BIO-301>) minimum grade of C or BIO-327 (<http://catalog.neiu.edu/search/?P=BIO-327>) minimum grade of C).

BIO-368. Genomics and Proteomics. 3 Hours.

Genomics and Proteomics involves the use of high throughput methods and state of the art techniques, databases, and computations to generate, organize, explore, and analyze large data sets of DNA and/or protein sequence. This course will provide an introduction to the fields of genomics and proteomics. Through a combination of lecture, discussion, and hands on activities this course will focus on the methods and techniques used in gathering and interpreting genomic and proteomic data to answer questions important to various aspects of modern day biology.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-303 (<http://catalog.neiu.edu/search/?P=BIO-303>) minimum grade of C.

BIO-372. Biochemistry Of Metabolism. 3 Hours.

Biochemistry of Metabolism is lecture-based course that focuses on the processing of carbohydrates, lipids, proteins, and nucleotides. This course will offer a mechanistic view of metabolic pathways related to each macromolecule group, including feedback control. Each section will be linked to clinical situations and will incorporate current primary research literature in the field of metabolism. Quantitative analysis of chemical reactions, bioenergetics, thermodynamics and interpretation of research articles will be incorporated as part of the lectures.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-362 (<http://catalog.neiu.edu/search/?P=BIO-362>) minimum grade of C.

BIO-380D. Topics In Biology:Microbial Genetics. 3 Hours.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-341 (<http://catalog.neiu.edu/search/?P=BIO-341>) minimum grade of C.

BIO-380E. Topics In Biology:Introductory Bryology. 3 Hours.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C.

BIO-380H. Topics In Biology:Sensory Mechanisms. 3 Hours.

Prerequisites: BIO-150 (<http://catalog.neiu.edu/search/?P=BIO-150>) minimum grade of C and BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C and BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and BIO-360 (<http://catalog.neiu.edu/search/?P=BIO-360>) minimum grade of C.

BIO-381. Independent Study I. 1 Hour.

Library study of a biological topic, including a thorough literature search and production of a review paper on the chosen topic.

BIO-382. Independent Study II. 2 Hours.

(See BIO-381 (<http://catalog.neiu.edu/search/?P=BIO-381>) for description and prerequisites.).

BIO-383. Independent Study III. 3 Hours.

(See BIO-381 (<http://catalog.neiu.edu/search/?P=BIO-381>) for description and prerequisites.).

BIO-390. Biology Senior Seminar. 3 Hours.

This course is intended for students who are within two semesters of graduation. The goals of the course are to provide students with the opportunity to explore topics of particular interest to them, in greater depth than is usually possible within the context of topic specific courses and to assess whether students are able to integrate knowledge gained from different courses and/or disciplines. As part of the course, students will be required to take the MFAT. THIS COURSE FULFILLS THE CAPSTONE REQUIREMENT FOR THE BIOLOGY MAJOR.

BIO-391. Internship In Biology. 3 Hours.

Field or laboratory experience at an off-campus site guided by a faculty advisor, and a site supervisor. Requirements include; submission of a summary of the planned intern project and results, including a review of the relevant literature; presentation of the project in either podium format. Students are also required to take the MFAT. THIS COURSE FULFILLS THE CAPSTONE REQUIREMENT FOR THE BIOLOGY MAJOR.

BIO-392. Independent Research I. 2 Hours.

Field or laboratory study of a biological topic or question to be carried out over the course of 1-2 terms. Requirements include; design and execution of the research project; review of relevant scientific literature; production of a scientific style paper describing the project and results; presentation of the project in either podium or poster format. Students will also be required to take the MFAT. THIS COURSE FULFILLS THE CAPSTONE REQUIREMENT FOR THE BIOLOGY MAJOR.

BIO-393. Independent Research II. 2 Hours.

Field or laboratory study of a biological topic or question to be carried out over the course of 1-2 terms. Requirements include; design and execution of the research project; review of relevant scientific literature; production of a scientific style paper describing the project and results; presentation of the project in either podium or poster format. Students will also be required to take the MFAT. THIS COURSE FULFILLS THE CAPSTONE REQUIREMENT FOR THE BIOLOGY MAJOR.

BIO-394. Seminar In Teaching Of Biology. 3 Hours.

This course will provide students with the opportunity to gain practical experience with methods of post-secondary teaching in the biological sciences. Students will participate in preparation, presentation and grading of lecture, laboratory and assessment materials. Students are required to identify a faculty mentor to advise and guide the teaching experience no later than the term before he/she registers for the course. As part of the course, students will be required to take the MFAT. THIS COURSE FULFILLS THE CAPSTONE REQUIREMENT FOR THE BIOLOGY MAJOR.

BIO-405. Biological Literature. 3 Hours.**BIO-408. Environmental Biology for Middle School Teaching. 4 Hours.****BIO-411. Spreadsheet Modeling In Ecology & Evolution. 3 Hours.**

Use of basic and advanced spreadsheet applications to model a wide variety of ecological and evolutionary processes and systems. Extensive use of graphing capabilities, complex nested functions, and advanced software functions including writing macros, sampling from statistical distributions, using lookup tables, etc. Students will complete independent projects in which they generate their own models using data from the literature and present their results both orally and in writing. Extensive work outside of the classroom will be required.

Prerequisite: BIO-305 (<http://catalog.neiu.edu/search/?P=BIO-305>) minimum grade of C.

BIO-412. Chronobiology. 3 Hours.

Most living organisms display oscillations in many biological, physiological, and behavioral processes. These oscillations confer adaptive advantages for survival on a planet that revolves on its axis once every 24 hours. Chronobiology is the study of these adaptations. Through a combination of group activities, discussion, and lecture this course focuses on the physiologic and genetic generation of 24 hour rhythms, as well as the behavioral and physiological processes that they control in various species.

BIO-413. Evolutionary Biology. 3 Hours.

Comprehensive analysis of evolutionary patterns in both fossil and contemporary species. Studies include an overview of the history of evolutionary biology, Hardy-Weinberg equilibrium assumptions about non-evolving systems, Darwinian and non-Darwinian mechanisms of evolutionary change, the Biological Species Concept and alternative species definitions, pre-zygotic and post-zygotic mechanisms of speciation, and current views on the origin and natural history of life on Earth.

Prerequisite: BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C.

BIO-414. Comparative Biology Of Aging. 3 Hours.

Comparative analysis of aging, longevity, and mortality patterns in diverse prokaryotic and eukaryotic species. Studies include an overview of the history of biological gerontology, life-table construction and analysis, populational and physiological measurements of senescence, theoretical models of aging and longevity, use of vital statistics mortality data, biochemistry of free-radicals and antioxidant molecules, and therapeutic intervention to prolong lifespan in various species.

Prerequisite: BIO-301 (<http://catalog.neiu.edu/search/?P=BIO-301>) minimum grade of C.

BIO-415. Animal Behavior. 3 Hours.

Advanced study and analysis of selected topics within the field of Animal Behavior with emphasis on topics that are currently at the forefront of the discipline. Depending on the term, the course may emphasize studies of animal behavior within an ecological, evolutionary and/or neuroethological context.

Prerequisite: BIO-360 (<http://catalog.neiu.edu/search/?P=BIO-360>) minimum grade of C.

BIO-421. Biochemical Genetics. 3 Hours.

Explores the biochemistry of the genetic material and the cell's ability to replicate, transcribe and translate genetic information. Recent discoveries in gene manipulation are discussed. Lecture and discussion.

Prerequisite: BIO-303 (<http://catalog.neiu.edu/search/?P=BIO-303>) minimum grade of C or BIOL-380 minimum grade of C.

BIO-424. Analysis Of Development. 3 Hours.

Prerequisite: BIO-305 (<http://catalog.neiu.edu/search/?P=BIO-305>) minimum grade of C or BIOL-380 minimum grade of C.

BIO-427. Current Topics In Genetics. 3 Hours.

Advanced study and analysis of selected topics within the field of Genetics, with emphasis on topics that are at the forefront of advances in the discipline. Course may be repeated for credit one time with permission from the Graduate Advisor.

Prerequisite: BIO-303 (<http://catalog.neiu.edu/search/?P=BIO-303>) minimum grade of C.

BIO-428. Current Topics In Human Genetics. 3 Hours.

Advanced study and analysis of selected topics within the field of Human Genetics, with emphasis on topics, such as the Human Genome and HapMap projects, epistasis, etc., that are at the forefront of advances in our understanding of human heredity, development and disease.

Prerequisite: BIO-303 (<http://catalog.neiu.edu/search/?P=BIO-303>) minimum grade of C.

BIO-441. Biology Of Viruses. 3 Hours.

The structure and replication of viruses, strategies of host defense and viral evasion, and use of viruses in biotechnology. RNA- as well as DNA-viruses will be included. Current research papers will be discussed to make students aware of advances being made in the field.

BIO-447. Current Topics In Cell Biology. 3 Hours.

Advanced study and analysis of selected topics within the field of Cell Biology, with emphasis on topics that are at the forefront of advances in the discipline. Course may be repeated for credit one time with permission from the Graduate Advisor.

Prerequisites: BIO-301 (<http://catalog.neiu.edu/search/?P=BIO-301>) minimum grade of C and BIO-303 (<http://catalog.neiu.edu/search/?P=BIO-303>) minimum grade of C.

BIO-450. Foundations Of Ecology. 3 Hours.

Readings and discussions of foundational papers in ecology, and classic case studies of field and laboratory experiments in ecology. Overviews of the development of ecology as a science, major debates in ecology, and the development of both theory and methodologies in ecology will be presented. Students will also present and discuss contemporary papers in light of these historical contexts.

Prerequisite: BIO-305 (<http://catalog.neiu.edu/search/?P=BIO-305>) minimum grade of C.

BIO-451. Historical/Contemporary Patterns Of Species Diversity. 3 Hours.

Prerequisite: BIO-305 (<http://catalog.neiu.edu/search/?P=BIO-305>) minimum grade of C.

BIO-452. Quaternary Ecology. 4 Hours.

Prerequisite: BIO-305 (<http://catalog.neiu.edu/search/?P=BIO-305>) minimum grade of C or BIOL-380 minimum grade of C.

BIO-453. Conservation Biology. 3 Hours.

This course will explore how ecological theory (including mathematical models), principles, and methodologies are applied to the conservation of populations, species, communities, and landscapes. Covered topics include biodiversity, the demographic and genetic structure of populations, population viability analysis, the problems that small populations face, extinction as a historical and contemporary process, current tools applied in conservation (e.g., GIS, molecular tools), and the application of ecological principles nature reserve design and ecosystem management. Students will read extensively from the primary literature, lead class discussions, and solve applied and quantitative problems.

Prerequisite: BIO-305 (<http://catalog.neiu.edu/search/?P=BIO-305>) minimum grade of C.

BIO-454. Conservation Genetics. 3 Hours.

Advanced study of genetic theory and practice applied to the conservation of organisms. Current primary literature will be incorporated into the course through written assignments and discussions. Current conservation genetic techniques and computer-based data analysis methods will be practiced in the laboratory.

Prerequisites: BIO-303 (<http://catalog.neiu.edu/search/?P=BIO-303>) minimum grade of C and BIO-305 (<http://catalog.neiu.edu/search/?P=BIO-305>) minimum grade of C.

BIO-455. Restoration Ecology. 3 Hours.

Application of ecological research and concepts to restoration of disturbed ecosystems. Current trends and challenges in restoring populations, communities and ecosystems.

Prerequisite: BIO-305 (<http://catalog.neiu.edu/search/?P=BIO-305>) minimum grade of C.

BIO-456. Bio-Environmental Analysis. 3 Hours.**BIO-457. Current Topics In Ecology & Evolution. 3 Hours.**

This course provides graduate students with an opportunity to explore a current topic in ecology and evolutionary biology from a variety of perspectives and scales, ranging from theory to molecular biology to community ecology. Each semester will be organized around a single book or edited volume. Students will read, present, and lead discussions on chapters from the selected book, along with related papers chosen from the recent primary literature. Students may take the course twice for credit, as long as the focal topic of the course is different.

Prerequisites: BIO-301 (<http://catalog.neiu.edu/search/?P=BIO-301>) minimum grade of C and BIO-303 (<http://catalog.neiu.edu/search/?P=BIO-303>) minimum grade of C and BIO-305 (<http://catalog.neiu.edu/search/?P=BIO-305>) minimum grade of C.

BIO-462. Enzymology. 3 Hours.

Prerequisite: BIO-362 (<http://catalog.neiu.edu/search/?P=BIO-362>) minimum grade of C.

BIO-463. Plant Biochemistry. 3 Hours.

Prerequisite: BIO-362 (<http://catalog.neiu.edu/search/?P=BIO-362>) minimum grade of C.

BIO-464. Biochemistry And Molecular Biology Methods. 4 Hours.

A graduate level lecture and lab course that provides training in essential experimental methods used in modern Biochemistry and Molecular Biology, including computer analysis tools, while reviewing basic structure and function of biological molecules.

Prerequisite: BIO-362 (<http://catalog.neiu.edu/search/?P=BIO-362>) minimum grade of C or BIO-340 (<http://catalog.neiu.edu/search/?P=BIO-340>) minimum grade of C.

BIO-470A. Seminars In Biology. 1 Hour.**BIO-471. Comparative Animal Physiology. 3 Hours.**

Prerequisites: BIO-320 (<http://catalog.neiu.edu/search/?P=BIO-320>) minimum grade of C and BIO-360 (<http://catalog.neiu.edu/search/?P=BIO-360>) minimum grade of C.

BIO-475. Advanced Immunology. 3 Hours.

Prerequisite: BIO-363 (<http://catalog.neiu.edu/search/?P=BIO-363>) minimum grade of C.

BIO-4821. Independent Investigations. 1 Hour.

Field or laboratory study of a biological topic or question, to be carried out over the course of 1-2 terms. Requirements include two or more of the following- design and execution of the research project; review of relevant scientific literature; production of a scientific style paper describing the project and results; presentation of the project in either podium or poster format. No more than 3 credits of BIO-482 can be applied to the requirements for the Biology MS.

Prerequisite: BIO-405 (<http://catalog.neiu.edu/search/?P=BIO-405>) minimum grade of C.

BIO-4822. Independent Investigations. 2 Hours.

See course description for BIO-4821 (<http://catalog.neiu.edu/search/?P=BIO-4821>).

Prerequisite: BIO-405 (<http://catalog.neiu.edu/search/?P=BIO-405>) minimum grade of C.

BIO-4823. Independent Investigations. 3 Hours.

See course description for BIO-4821 (<http://catalog.neiu.edu/search/?P=BIO-4821>).

Prerequisite: BIO-405 (<http://catalog.neiu.edu/search/?P=BIO-405>) minimum grade of C.

BIO-485L. Advance Topics In Biology: Applied & Environmental Microbiology. 3 Hours.

BIO-491. Seminars In Biology. 1 Hour.

BIO-4994. Research Thesis. 4 Hours.

Guidance of students conducting research and writing a thesis to fulfill requirements for the Master of Science degree in Biology, Option II. Students may register for 1-4 credits per term with a 6 credits required for Option I of the Biology M.S. All BIO-499 credits must be earned within the equivalent of 2 academic years.

Prerequisite: BIO-405 (<http://catalog.neiu.edu/search/?P=BIO-405>) minimum grade of C.

BIO-5901. Library Thesis Hours. 1 Hour.

Guidance of students conducting literature/library research and writing a Thesis to fulfill requirements for the Master of Science degree in Biology, Option II. Students may register for 1-3 credits per term with a minimum of 4 credits required for Option II of the Biology M.S. All BIO-590 credits must be earned within the equivalent of 2 academic years.

Prerequisite: BIO-405 (<http://catalog.neiu.edu/search/?P=BIO-405>) minimum grade of C.

BIO-5902. Library Thesis Hours. 2 Hours.

See course description for BIO-5901 (<http://catalog.neiu.edu/search/?P=BIO-5901>).

Prerequisite: BIO-405 (<http://catalog.neiu.edu/search/?P=BIO-405>) minimum grade of C.

BIO-5903. Library Thesis Hours. 3 Hours.

See course description for BIO-5901 (<http://catalog.neiu.edu/search/?P=BIO-5901>).

Prerequisite: BIO-405 (<http://catalog.neiu.edu/search/?P=BIO-405>) minimum grade of C.

BIO-5991. Research Thesis Hours. 1 Hour.

Guidance of students conducting research and writing a thesis to fulfill requirements for the Master of Science degree in Biology, Option II. Students may register for 1-4 credits per term with a 6 credits required for Option I of the Biology M.S. All BIO-599 credits must be earned within the equivalent of 2 academic years.

Prerequisite: BIO-405 (<http://catalog.neiu.edu/search/?P=BIO-405>) minimum grade of C.

BIO-5992. Research Thesis Hours. 2 Hours.

See course description for BIO-5991 (<http://catalog.neiu.edu/search/?P=BIO-5991>).

Prerequisite: BIO-405 (<http://catalog.neiu.edu/search/?P=BIO-405>) minimum grade of C.

BIO-5993. Research Thesis Hours. 3 Hours.

See course description for BIO-5991 (<http://catalog.neiu.edu/search/?P=BIO-5991>).

Prerequisite: BIO-405 (<http://catalog.neiu.edu/search/?P=BIO-405>) minimum grade of C.

Biology Education (BIOS)

Courses

BIOS-110. Introduction To Biology For Educators. 4 Hours.

Designed specifically for prospective elementary and middle grades teachers, this inquiry-based biology course meets current and relevant content standards in biology for educators as well as NEIU College of Education science course requirements. Prior knowledge in chemistry, physics, and mathematics is integrated. Content includes cell/molecular biology, evolution, genetics, organismal biology and bioengineering. During laboratory/field experiences, students will continue to develop proficiency with scientific methods, experimental design, data collection and analysis, and communication. Mathematical applications include statistics and algebra. For students in the Math and Science Concepts Minor program (MSTQE), content is linked and integrated with MATH-145 (<http://catalog.neiu.edu/search/?P=MATH-145>). Prerequisite: MATH-149 (<http://catalog.neiu.edu/search/?P=MATH-149>) or above, or ACT Math Score of 25 or higher, or NEIU MPT of 35 or higher.

Prerequisite: (MATH-149 (<http://catalog.neiu.edu/search/?P=MATH-149>) - 499 or MATH-149A - 499Z or NEIU Math Placement Result 35 - 45 or ACT English 25 - 36 or Accuplacer College Level Math 031 - 120).

Corequisite: MATH-145 (<http://catalog.neiu.edu/search/?P=MATH-145>).

Business Law (BLAW)

Courses

BLAW-109. First Year Experience: Professionalism, Ethics, Law & Chicago Scandals. 3 Hours.

This course examines the intersection between professionalism, ethics and law from a business perspective. We will look at these issues through the lens of major business-related Chicago scandals, predominantly non-political, and we will take multiple trips to visit some of the actors involved in these scandals, such as judges, lawyers and businessmen, who will further inform students about the importance of professionalism, ethics and compliance with laws. The topics covered in this course include defining professionalism, comparing professionalism to ethics, critically evaluating the differences and the importance of both, and discussing the legal process as it applies to white collar crimes.

BLAW-285. Legal Environment Of Business. 3 Hours.

This survey course traces the history and development of the legal environment of business. Topics include elements of the law and the judicial process, elements of traditional business law, and the government regulation of business. Prereq.: 30 credit hours of college work.

BLAW-380. Business Law I. 3 Hours.

The study of the law of contracts, including mutual assent, consideration, legality, capacity, statute of frauds, third parties, performance, breach, discharge, and remedies; UCC sales, including transfer of title, risk of loss, bulk sales, product liability and strict liability.

Prerequisite: BLAW-285 (<http://catalog.neiu.edu/search/?P=BLAW-285>) minimum grade of C.

BLAW-381. Business Law II. 3 Hours.

Continuation of BLAW-380 (<http://catalog.neiu.edu/search/?P=BLAW-380>) and covers: Agency, partnerships, corporations and UCC commercial paper. The rights and liabilities of corporate and partnership forms of business organization are covered. Negotiation, warranties, holder in due course, bank items are covered as part of UCC commercial paper.

Prerequisite: BLAW-285 (<http://catalog.neiu.edu/search/?P=BLAW-285>) minimum grade of C.

BLAW-383. Legal Aspects Of Entrepreneurship. 3 Hours.

This course offers a framework for understanding legal aspects of entrepreneurial process. Topics include selecting a business form, obtaining financial capital, marshaling human resources, securing and protecting intellectual property rights, anticipating and managing risks, and engaging in e-commerce.

BLAW-400. Legal Environment Of Business And Management. 2 Hours.

This course centers on the american legal system as one sphere of influence in the business operations of an organization. Topics include anti-trust laws, mergers and acquisitions, securities regulations, equal employment, and labor management regulations, product liability, and consumer protection. Litigation and arbitration as methods for resolving disputes are also covered. The social responsibilities, ethical concerns, and dilemmas of the organization's manager are stressed as part of the practical decision making environment.

BLAW-410. International Business Law. 3 Hours.

This course will include material on the international legal environment, international economic associations, such as WTO, conflicts of law, international contracting, letters of credit, exporting/importing issues, including tariffs and other aspects of international business transactions. The purpose is to prepare an MBA student to be able to understand the legal issues that are involved in international business transactions.

Chemistry (CHEM)

Courses

CHEM-102. The Chemistry Of Drugs. 3 Hours.

CHEM-103. Chemistry And Society. 3 Hours.

Introduction to chemistry based on the study of some of the processes and materials which chemistry contributes to our civilization. Elementary chemical principles are used to explain the behavior of synthetic polymers, toxic substances, food additives, cleaning products, and other chemically manufactured materials. Knowledge of basic algebra skills assumed. Lecture 3 hours.

Prerequisite: (MATH-091 (<http://catalog.neiu.edu/search/?P=MATH-091>) - 499 or MATH-091A - 499Z or NEIU Math Placement Result 02 - 45 or ACT Math 19 - 36 or Accuplacer Elementary Algebra 060 - 084 or Accuplacer College Level Math 020 - 120).

CHEM-108. Chemistry Concepts For Educators. 4 Hours.

This course covers the basic principles of chemistry including atomic theory, solution chemistry, organic and biochemistry, states of matter and its various physical and chemical properties, appropriate use of nomenclature, chemical bonding, and use of quantitative calculations based on chemical equations including scientific notation, significant figures and dimensional analysis. The historical development of how chemistry contributes to our civilization will also be considered. Elementary chemical principles will be used to explain the behavior of synthetic polymers, toxic substances, food additives, cleaning products and other chemically manufactured materials. Issues of contemporary critical technologies such as biomaterials, natural products, alternative fuels, bioremediation, fuel cells, green technology, bio-defense and smart materials may be examined. This course is aligned to the ISBE Standards for General Science Educators, National Science Teachers Association Standards and the Next Generation of Science Standards. Course outcomes include developing students' ability to apply knowledge of chemistry to a variety of real world problems and settings with particular emphasis on scientific inquiry, the nature of science, civic engagement and applications to teaching. CHEM-108 (<http://catalog.neiu.edu/search/?P=CHEM-108>) is an interdisciplinary lab-oriented course that integrates concepts from the life, physical, social sciences, and mathematics and is linked to MATH-281 (<http://catalog.neiu.edu/search/?P=MATH-281>).

Prerequisites: (MATH-180 minimum grade of C or MATH-199A minimum grade of C) and (MATH-280 (<http://catalog.neiu.edu/search/?P=MATH-280>) minimum grade of C or MATH-199G minimum grade of C).

Corequisite: MATH-281 (<http://catalog.neiu.edu/search/?P=MATH-281>).

CHEM-109. First Year Experience: One Hundred Years Of Public Health In America. 3 Hours.

This course will discuss how public health policies have changed over the last century. It will emphasize Chicago relationships, and NEIU. The land on which NEIU stands was, at one time, the Chicago TB Sanatorium. The change in public health policies from TB sanatoriums and "Typhoid Mary" to AIDS is an interesting commentary on the change in American life.

CHEM-110. Chemical Concepts. 3 Hours.

Lab-oriented survey course in chemistry designed for the non-science major including such topics as the historical development of chemistry, atomic theory, solution chemistry, organic and biochemistry. Knowledge of basic algebra skills assumed. Lecture 2 hours, lab, 2 hours.

Prerequisite: (MATH-092 (<http://catalog.neiu.edu/search/?P=MATH-092>) - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

CHEM-200. Introduction To General Chemistry. 3 Hours.

Basic principles of chemistry with particular emphasis on solving simple numerical problems and writing and balancing chemical equations; especially for students planning to take CHEM-211 (<http://catalog.neiu.edu/search/?P=CHEM-211>). Lecture 3 hours.

CHEM-211. General Chemistry I. 5 Hours.

Introduction to general inorganic chemistry, including stoichiometry, concentration units, gas laws, atomic structure, bonding, periodic laws, states of matter, solutions, acid-base theories, rate, equilibrium and oxidation-reduction theory. Lecture and Laboratory. Lecture 4 hours, lab 3 hours.

Prerequisite: (MATH-092 (<http://catalog.neiu.edu/search/?P=MATH-092>) - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

CHEM-211C. Enrichment Seminar In General Chemistry I. 1 Hour.

Enrichment seminar accompanying CHEM-211 (<http://catalog.neiu.edu/search/?P=CHEM-211>). Students do problem solving in collaborative learning groups on material derived from and supplementing General Chemistry I to gain a deeper understanding of concepts and applications. Lecture 2 hours.

Corequisite: CHEM-211 (<http://catalog.neiu.edu/search/?P=CHEM-211>).

CHEM-212. General Chemistry II. 4 Hours.

Continuation of General Chemistry I with emphasis on reaction rates, equilibria in aqueous solutions, thermochemistry, oxidation-reduction reactions and the methods of qualitative analysis. Lecture and Laboratory. Lecture 3 hours, lab 3 hours. Can be taken concurrently with MATH-185 (<http://catalog.neiu.edu/search/?P=MATH-185>).

Prerequisites: CHEM-211 (<http://catalog.neiu.edu/search/?P=CHEM-211>) minimum grade of C and MATH-185 (<http://catalog.neiu.edu/search/?P=MATH-185>) minimum grade of C.

CHEM-212C. Enrichment Seminar In General Chemistry II. 1 Hour.

Enrichment seminar accompanying CHEM-212 (<http://catalog.neiu.edu/search/?P=CHEM-212>). Students do problem solving in collaborative groups on material derived from and supplementing General Chemistry II to gain a deeper understanding of concepts and applications. Lecture 2 hours.

Corequisite: CHEM-212 (<http://catalog.neiu.edu/search/?P=CHEM-212>).

CHEM-213. Writing Intensive Program: Quantitative Analysis. 5 Hours.

Statistical analysis of data, chemical equilibrium, simultaneous equilibria, classical and non-classical gravimetric and volumetric techniques, acid-base and oxidation-reduction reactions, spectrophotometric and potentiometric measurements. Lecture 3 hours, lab 6 hours.

Prerequisites: CHEM-212 (<http://catalog.neiu.edu/search/?P=CHEM-212>) minimum grade of C and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

CHEM-231. Organic Chemistry I. 4 Hours.

Study of the structure, properties, reaction mechanisms and nomenclature of aliphatic and aromatic hydrocarbons and their derivatives. Lecture and laboratory. Lecture 3 hours, lab 3 hours.

Prerequisites: CHEM-212 (<http://catalog.neiu.edu/search/?P=CHEM-212>) minimum grade of C and CHEM-211 (<http://catalog.neiu.edu/search/?P=CHEM-211>) minimum grade of C.

CHEM-231C. Enrichment Seminar In Organic Chemistry I. 1 Hour.

Enrichment seminar accompanying CHEM-231 (<http://catalog.neiu.edu/search/?P=CHEM-231>). Students do problem solving in collaborative learning groups on material derived from and supplementing Organic Chemistry I to gain a deeper understanding of concepts and applications. Lecture 2 hours.

Corequisite: CHEM-231 (<http://catalog.neiu.edu/search/?P=CHEM-231>).

CHEM-232. Organic Chemistry II. 4 Hours.

Continuation of CHEM-231 (<http://catalog.neiu.edu/search/?P=CHEM-231>). A study of structure, properties, reaction mechanisms, synthesis and infrared and nuclear magnetic resonance spectroscopy of the alcohols, acids, amines and other monofunctional compounds. Lecture and laboratory. Lecture 3 hours, lab 3 hours.

Prerequisite: CHEM-231 (<http://catalog.neiu.edu/search/?P=CHEM-231>) minimum grade of C.

CHEM-232C. Enrichment Seminar In Organic Chemistry II. 1 Hour.

Enrichment seminar accompanying CHEM-232 (<http://catalog.neiu.edu/search/?P=CHEM-232>). Students do problem solving in collaborative learning groups on material derived from and supplementing Organic Chemistry II to gain a deeper understanding of concepts and applications. Lecture 2 hours.

Corequisite: CHEM-232 (<http://catalog.neiu.edu/search/?P=CHEM-232>).

CHEM-305. Independent Study In Chemistry. 3 Hours.

An introduction to original chemical research under faculty supervision. Independent Studies require the approval of the instructor, department chair and the College Dean.

Prerequisites: CHEM-213 (<http://catalog.neiu.edu/search/?P=CHEM-213>) minimum grade of C and CHEM-232 (<http://catalog.neiu.edu/search/?P=CHEM-232>) minimum grade of C.

CHEM-311. Physical Chemistry I. 4 Hours.

Theoretical and experimental study of the structure and properties of matter, including the gaseous state, chemical thermodynamics, chemical equilibrium, liquids and phase equilibria, solutions of nonelectrolytes and ionic solutions. Lecture and laboratory. Lecture 3 hours, lab 3 hours. It is strongly suggested that the student has completed a year of physics with laboratory.

Prerequisites: CHEM-213 (<http://catalog.neiu.edu/search/?P=CHEM-213>) minimum grade of C and CHEM-232 (<http://catalog.neiu.edu/search/?P=CHEM-232>) minimum grade of C and MATH-187 (<http://catalog.neiu.edu/search/?P=MATH-187>) minimum grade of C and PHYS-203 (<http://catalog.neiu.edu/search/?P=PHYS-203>) minimum grade of C and (PHYS-201 (<http://catalog.neiu.edu/search/?P=PHYS-201>) minimum grade of C or PHYS-206 (<http://catalog.neiu.edu/search/?P=PHYS-206>) minimum grade of C).

CHEM-311C. Physical Chemistry I Seminar. 1 Hour.

This course accompanies Physical Chemistry I, CHEM-311 (<http://catalog.neiu.edu/search/?P=CHEM-311>). Students will do problem solving in collaborative learning groups on material derived from and supplementing Physical Chemistry I lecture, in order to gain a deeper understanding of concepts and applications.

Corequisite: CHEM-311 (<http://catalog.neiu.edu/search/?P=CHEM-311>).

CHEM-312. Physical Chemistry II. 4 Hours.

Continuation of CHEM-311, including the kinetic-molecular theory, transport properties, chemical kinetics, statistical mechanics, quantum theory, atoms and diatomic molecules and spectroscopy. Lecture and laboratory. Lecture 3 hours, lab 3 hours.

Prerequisites: CHEM-311 (<http://catalog.neiu.edu/search/?P=CHEM-311>) minimum grade of C and MATH-202 (<http://catalog.neiu.edu/search/?P=MATH-202>) minimum grade of C and PHYS-204 (<http://catalog.neiu.edu/search/?P=PHYS-204>) minimum grade of C and (PHYS-202 (<http://catalog.neiu.edu/search/?P=PHYS-202>) minimum grade of C or PHYS-207 (<http://catalog.neiu.edu/search/?P=PHYS-207>) minimum grade of C).

CHEM-312C. Physical Chemistry II Seminar. 1 Hour.

This course accompanies Physical Chemistry II, CHEM-312 (<http://catalog.neiu.edu/search/?P=CHEM-312>). Students will do problem solving in collaborative learning groups on material derived from and supplementing Physical Chemistry II lecture, in order to gain a deeper understanding of concepts and applications.

Corequisite: CHEM-312 (<http://catalog.neiu.edu/search/?P=CHEM-312>).

CHEM-316. Inorganic Chemistry. 4 Hours.

A thorough study of bonding in non-transition and transition elements, periodic trends and tendencies, structural relationships and mechanisms of inorganic reactions. Lecture and laboratory. Lecture 3 hours, lab 3 hours.

Prerequisite: CHEM-232 (<http://catalog.neiu.edu/search/?P=CHEM-232>) minimum grade of C.

CHEM-318. Industrial Chemistry. 3 Hours.

A study of the industrial aspects of chemistry, including economics, design and operation of process equipment and a study of a variety of chemical industries. Lecture 3 hours.

Prerequisite: CHEM-231 (<http://catalog.neiu.edu/search/?P=CHEM-231>) minimum grade of C.

CHEM-319. Chemical Aspects Of Environmental Chemistry. 3 Hours.

A survey of the chemical principles involved in environmental problems. Topics include atmospheric, aquatic and geographic chemistry, sources of pollutants and the consequences of pollution. Lecture 3 hours.

Prerequisites: CHEM-212 (<http://catalog.neiu.edu/search/?P=CHEM-212>) minimum grade of C and CHEM-232 (<http://catalog.neiu.edu/search/?P=CHEM-232>) minimum grade of C.

CHEM-320. Industrial Aspects Of Environmental Chemistry. 3 Hours.

Industrial aspects of environmental chemistry covering specific topics such as energy, water and wastewater treatment, treatment and disposal of domestic and industrial wastes, techniques for detecting and analyzing chemical pollutants, environmental modeling and analyzing chemical pollutants, environmental modeling and recycling strategies. Lecture 3 hours.

Prerequisites: CHEM-213 (<http://catalog.neiu.edu/search/?P=CHEM-213>) minimum grade of C and CHEM-232 (<http://catalog.neiu.edu/search/?P=CHEM-232>) minimum grade of C.

CHEM-321. Environmental Chemistry In The City. 2 Hours.

This is a laboratory and field course that will concentrate on topics of environmental interest in the city of Chicago. Field work will include visits to the Chicago River, Lake Michigan, the Chicago Forest Preserve, and other locations in the metropolitan area. Students will learn proper methods of sample collection, storage, and transport. Chemical analysis of collected samples by titrimetric, gravimetric, spectroscopic, chromatographic, and electrochemical methods will take place in the field and in the laboratory. Lecture 1 hr, Lab/Field 2.5 hrs. Prerequisite: CHEM-213 (<http://catalog.neiu.edu/search/?P=CHEM-213>) with a Grade of C or better.

Prerequisite: CHEM-213 (<http://catalog.neiu.edu/search/?P=CHEM-213>) minimum grade of C.

CHEM-326. Chemical Literature. 2 Hours.

Introduction to library research in chemistry and preparation of a review paper in some current field of chemistry. Lecture 2 hours. One 300-level course in chemistry is required.

CHEM-328. History Of Chemistry. 3 Hours.**CHEM-330. Instrumental Analysis: Spectroscopy. 4 Hours.**

Intensive laboratory introduction to infrared spectroscopy, ultraviolet and visible spectroscopy, mass spectrometry, and nuclear magnetic resonance spectroscopy and the qualitative, quantitative and research aspects associated with them. Lecture and laboratory. Lecture 3 hours, lab 6 hours. Consent of instructor.

Prerequisites: CHEM-213 (<http://catalog.neiu.edu/search/?P=CHEM-213>) minimum grade of C and CHEM-232 (<http://catalog.neiu.edu/search/?P=CHEM-232>) minimum grade of C.

CHEM-331. Instrumental Analysis: Quantitative Methods. 4 Hours.

Introduction to the theory and practice of instrumental methods used to determine composition of materials, including gas and liquid chromatography, atomic absorption and emission, X-ray diffraction and fluorescence and potentiometry. Lecture and laboratory. Lecture 3 hours, lab 6 hours.

Prerequisites: CHEM-213 (<http://catalog.neiu.edu/search/?P=CHEM-213>) minimum grade of C and CHEM-231 (<http://catalog.neiu.edu/search/?P=CHEM-231>) minimum grade of C.

CHEM-332. Identification Of Organic Compounds. 4 Hours.

Chemical, physical and spectroscopic methods and their use in the separation, purification and identification of organic compounds. Lecture and laboratory. Lecture 2 hours, lab 6 hours.

Prerequisites: CHEM-213 (<http://catalog.neiu.edu/search/?P=CHEM-213>) minimum grade of C and CHEM-232 (<http://catalog.neiu.edu/search/?P=CHEM-232>) minimum grade of C.

CHEM-346. Radiochemistry. 4 Hours.

Prerequisites: CHEM-213 (<http://catalog.neiu.edu/search/?P=CHEM-213>) minimum grade of C and CHEM-231 (<http://catalog.neiu.edu/search/?P=CHEM-231>) minimum grade of C.

CHEM-347. Advanced Organic Chemistry: Polyfunctional Compounds. 3 Hours.

Chemistry of polyfunctional compounds, condensed aromatic and heterocyclic systems, electrocyclic reactions and molecular rearrangements. Lecture 3 hours.

Prerequisite: CHEM-232 (<http://catalog.neiu.edu/search/?P=CHEM-232>) minimum grade of C.

CHEM-348. Advanced Organic Chemistry: Bio-Organic Compounds. 3 Hours.

The chemistry of complex molecules such as proteins, nucleic acids and carbohydrates is studied from the point of view of their physical properties and their reaction, synthesis and structure-function relationships. Lecture 3 hours.

Prerequisite: CHEM-232 (<http://catalog.neiu.edu/search/?P=CHEM-232>) minimum grade of C.

CHEM-349. Organic Synthesis. 4 Hours.

A systematic approach to the synthesis of complex organic compounds will be developed. The retrosynthetic approach will be taken, with a final target molecule being the goal of the synthesis. It will be taken apart step-by-step to arrive at reasonable starting materials for the synthesis. Availability and expense of potential starting materials, necessity of protecting groups, and production of isomeric and/or stereoisomeric mixtures will be among the points of consideration for each synthesis. Lecture 3 hours.

Prerequisite: CHEM-232 (<http://catalog.neiu.edu/search/?P=CHEM-232>) minimum grade of C or CHEM-330 (<http://catalog.neiu.edu/search/?P=CHEM-330>) minimum grade of C.

CHEM-350. Principles Of Toxicology. 3 Hours.

This course offers an introduction to the basic principles of the broad field of toxicology. The mechanisms involved in what constitutes a toxic response will be explored, including examples of toxic chemicals targeting specific biochemical pathways in the human body. Major groups of toxic chemicals such as pesticides, metals, solvents, vapors, radiation and radioactive materials, animal venoms and poisons, will be surveyed. Also addressed are the applied areas of food, forensic/ analytical, and occupational toxicology.

Prerequisite: CHEM-231 (<http://catalog.neiu.edu/search/?P=CHEM-231>) minimum grade of C.

CHEM-353. Principles of Pharmacology. 3 Hours.

This course will focus on the action of drugs on major organ systems, including the nervous, cardiovascular, gastrointestinal, respiratory, and reproductive systems, as well as drugs for cancer, infectious, and inflammatory diseases. It is also covers pharmacokinetics, drug-receptor interactions, and drug metabolism for these categories of therapeutic agents.

Prerequisite: CHEM-231 (<http://catalog.neiu.edu/search/?P=CHEM-231>) minimum grade of C.

CHEM-355. Principles Of Medicinal Chemistry. 3 Hours.

This course offers an introduction to the principles of drug design and the molecular mechanism by which drugs act on the human body. It covers basic structure and function of drug targets, lead compound identification, optimization of drug-target interaction and improvement of pharmacokinetic properties of drugs. Tools in the modern drug discovery and development such as high-through-put synthesis and screening, structure-activity relationships, and computer-aided drug design will be also addressed.

Prerequisite: CHEM-231 (<http://catalog.neiu.edu/search/?P=CHEM-231>) minimum grade of C.

CHEM-356. Bioorganic Chemistry Laboratory. 2 Hours.

This course offers a laboratory introduction to bioorganic chemistry, with experiments involving each of the main classes of biomolecules, including proteins, carbohydrates, lipids, and nucleic acids.

Prerequisites: CHEM-231 (<http://catalog.neiu.edu/search/?P=CHEM-231>) minimum grade of C and CHEM-232 (<http://catalog.neiu.edu/search/?P=CHEM-232>) minimum grade of C.

CHEM-357. Chemical Kinetics. 3 Hours.

The study and evaluation of various theories of reaction rates and mechanisms of chemical reactions. Lecture 3 hours.

Prerequisite: CHEM-311 (<http://catalog.neiu.edu/search/?P=CHEM-311>) minimum grade of C.

CHEM-365. Internship In Chemistry I. 6 Hours.

Experience in chemistry in an off-campus location, e.g. business or government. The student registering selects well-defined academic goals to be achieved. These goals will be selected in cooperation with an on-campus advisor. Independent studies require the approval of the instructor, department chair and the College Dean.

CHEM-366. Internship In Chemistry II. 6 Hours.

Continuation of CHEM-365 (<http://catalog.neiu.edu/search/?P=CHEM-365>). Independent studies require the approval of the instructor, department chair and the College Dean.

CHEM-372C. Chemistry For Precollege Teachers II:Organic Chemistry For Elementary School Teachers. 2 Hours.**CHEM-390. Seminar In Chemistry. 1 Hour.**

Critical review of research presented by visiting university and industrial chemists and student preparation and presentation of original and library chemical research topics.

Prerequisite: CHEM-311 (<http://catalog.neiu.edu/search/?P=CHEM-311>) minimum grade of C.

CHEM-391. Chemistry Capstone Seminar. 3 Hours.

Critical review of research presented by visiting university and industrial chemists and student preparation of original and library research topics. The course will also explore issues related to becoming a morally responsible scientist and will include ethical problem solving. Lecture 4 hours. May be taken concurrently with CHEM-311 (<http://catalog.neiu.edu/search/?P=CHEM-311>).

Prerequisite: CHEM-311 (<http://catalog.neiu.edu/search/?P=CHEM-311>) minimum grade of C.

CHEM-399. Undergraduate Research. 3 Hours.

Original laboratory research conducted with a faculty member. The course will usually require some library research, 10-12 hours per week laboratory work and the preparation of a formal, typed report. The course is useful for those students seeking recognition under the guidelines authorized by the American Chemical Society.

Prerequisites: CHEM-311 (<http://catalog.neiu.edu/search/?P=CHEM-311>) minimum grade of C and CHEM-330 (<http://catalog.neiu.edu/search/?P=CHEM-330>) minimum grade of C.

CHEM-401. Carbohydrates. 3 Hours.

Structure, stereochemistry and reactions of monosaccharides, disaccharides, oligosaccharides and polysaccharides. Lecture 3 hours. Graduate Standing.

Prerequisite: CHEM-312 (<http://catalog.neiu.edu/search/?P=CHEM-312>) minimum grade of C.

CHEM-402. Organometallic Chemistry. 3 Hours.

The metal-carbon bond including organometallic synthesis, structure, reaction mechanisms and thermodynamics. Main group metal-carbon compounds, transition metal-carbon compounds and such special topics as Grignard compounds, ferrocenes, carbonyl complexes and inorganic multiple bonding. Lecture 3 hours. Graduate Standing.

Prerequisites: CHEM-312 (<http://catalog.neiu.edu/search/?P=CHEM-312>) minimum grade of C and CHEM-316 (<http://catalog.neiu.edu/search/?P=CHEM-316>) minimum grade of C.

CHEM-403. Physical Methods Of Organic Chemistry. 3 Hours.

Various physical techniques of interest to the organic chemist are discussed including spectroscopic methods as proton and carbon-13 nuclear magnetic resonance, infrared and electronic spectroscopy and mass spectrometry, with emphasis on interpreting the combined data. The three credit hours include 2 hours of lecture and 1 hour of lab. Graduate standing.

Prerequisite: CHEM-312 (<http://catalog.neiu.edu/search/?P=CHEM-312>) minimum grade of C.

CHEM-404. Chemical Thermodynamics. 3 Hours.

Principles of thermodynamics and their application to chemical problems with particular emphasis on partial molal qualities, the chemical potential and the thermodynamics of chemical equilibria. Lecture 3 hours. Graduate Standing.

Prerequisite: CHEM-312 (<http://catalog.neiu.edu/search/?P=CHEM-312>) minimum grade of C.

CHEM-405. Quantum Chemistry. 3 Hours.

Application of quantum mechanism to chemistry. Topics include the Schrodinger equation and simple applications, the postulates and general principles of quantum mechanics, the harmonic oscillator, three-dimensional systems, atoms and molecules, and molecular spectroscopy. Lecture 3 hours. Graduate standing.

Prerequisite: CHEM-312 (<http://catalog.neiu.edu/search/?P=CHEM-312>) minimum grade of C.

CHEM-406. Coordination Chemistry. 3 Hours.

Scope of transition metal coordination complexes, coordination number and structure, ligand types, isomerization, complex stability, bonding, reaction mechanisms, magnetic moments. Lecture 3 hours. Graduate Standing.

Prerequisites: CHEM-312 (<http://catalog.neiu.edu/search/?P=CHEM-312>) minimum grade of C and CHEM-316 (<http://catalog.neiu.edu/search/?P=CHEM-316>) minimum grade of C.

CHEM-407. Symmetry In Chemistry. 3 Hours.

Introduction to those aspects of group theory and symmetry which are particularly relevant to chemistry including point groups, molecular vibrations, hybrid orbitals and crystal field theory. Lecture 3 hours.

Prerequisite: CHEM-312 (<http://catalog.neiu.edu/search/?P=CHEM-312>) minimum grade of C or PHYS-335 (<http://catalog.neiu.edu/search/?P=PHYS-335>) minimum grade of C.

CHEM-408. Independent Study In Chemistry. 3 Hours.

Research in a particular area of chemistry under faculty supervision.

CHEM-408A. Independent Study In Chemistry. 3 Hours.**CHEM-411. Organic Reaction Mechanisms. 3 Hours.**

Reaction pathways in organic chemistry including isotope effects, linear free energy relationships, stereochemistry, configurational analysis and pericyclic reactions. Lecture 3 hours. Graduate Standing.

Prerequisite: CHEM-312 (<http://catalog.neiu.edu/search/?P=CHEM-312>) minimum grade of C.

CHEM-412. Reaction Kinetics. 3 Hours.

Methods of studying reaction rates and mechanisms, derivation of mechanisms from rate laws. Theories of unimolecular and bimolecular reactions, and chain mechanisms and appropriate mathematical analysis. Lecture only. Lecture 3 hours. Graduate Standing.

Prerequisite: CHEM-312 (<http://catalog.neiu.edu/search/?P=CHEM-312>) minimum grade of C.

CHEM-413. Modern Inorganic Chemistry. 3 Hours.

In-depth survey of modern developments in inorganic chemistry, including noble gas chemistry, multiple bonding in coordination complexes, unusual oxidation states of elements, template reactions, inorganic polymers, and inorganic catalysis. Lecture 3 hours. Graduate Standing.

Prerequisite: CHEM-316 (<http://catalog.neiu.edu/search/?P=CHEM-316>) minimum grade of C.

CHEM-414. Advanced Analytical Chemistry. 3 Hours.

Electronic and computer-instrument interface, practical aspects of modern instrumental techniques based on various methods of optical spectroscopy and chromatography. Lecture 3 hours.

Prerequisite: CHEM-331 (<http://catalog.neiu.edu/search/?P=CHEM-331>) minimum grade of C.

CHEM-416. Nanoscience. 3 Hours.

This course introduces the students to the modern field of nanoscience and develops concepts and methodology for creation of new functional nanomaterials. Emphasis is put on the molecular self-assembly approach. The methods of film deposition, lithography, chemical synthesis and atom optics are covered as well. Scanning probe microscopy is introduced as a method of choice for studying and building nanoscale materials. Applications in the fields of electronic devices and nanomedicine are discussed.

Prerequisite: CHEM-312 (<http://catalog.neiu.edu/search/?P=CHEM-312>) minimum grade of C.

CHEM-430. Fourier Transform Spectroscopy. 3 Hours.

Prerequisites: CHEM-311 (<http://catalog.neiu.edu/search/?P=CHEM-311>) minimum grade of C and CHEM-312 (<http://catalog.neiu.edu/search/?P=CHEM-312>) minimum grade of C.

CHEM-431. Separation Methods. 3 Hours.

Review of thermodynamic and kinetic parameters as their impact on selectivity and efficiency of separation process, classification and application of modern chromatographic techniques. Lecture 3 hours.

Prerequisite: CHEM-331 (<http://catalog.neiu.edu/search/?P=CHEM-331>) minimum grade of C.

CHEM-450. Gas Chromatography. 3 Hours.

Principles and instrumentation, including classification and methods for selection of stationary phases, optimization of operational parameters, and various detection systems. Separation techniques prior to analysis, applications and hyphenated methods will be discussed. Lecture 3 hours. Graduate Standing and Consent of Instructor.

Prerequisite: CHEM-331 (<http://catalog.neiu.edu/search/?P=CHEM-331>) minimum grade of C.

CHEM-451. Liquid Chromatography. 3 Hours.

Review of thermodynamic and kinetic parameters as they impact on selectivity and efficiency of liquid chromatographic separations. Classification of mobile phases, including selection and ways to improve resolution. Principles of conventional liquid chromatographic techniques and their applications, including hyphenated methods. Lecture 3 hours. Consent of instructor. Graduate Standing.

Prerequisites: CHEM-331 (<http://catalog.neiu.edu/search/?P=CHEM-331>) minimum grade of C and CHEM-450 (<http://catalog.neiu.edu/search/?P=CHEM-450>) minimum grade of C.

CHEM-455. Method Development And Validation In Liquid Chromatography. 3 Hours.

Systematic approaches to the successful development of HPLC-based analytical methods and their optimization. Practical tools based on the use of computer simulation in method development. HPLC-methods validation presented on the basis of the currently accepted United States Pharmacopeia terminology.

Prerequisite: CHEM-451 (<http://catalog.neiu.edu/search/?P=CHEM-451>) minimum grade of C.

CHEM-456. Advanced Chromatographic Methods. 3 Hours.

Principles, methods and applications of various advanced chromatographic techniques of interest to the analytical chemist, including such chromatographic methods as chiral separations, ligand exchange chromatography, capillary electrophoresis, micellar chromatography, micellar electrokinetic capillary chromatography, and supercritical fluid chromatography. Lecture 3 hours.

Prerequisite: CHEM-451 (<http://catalog.neiu.edu/search/?P=CHEM-451>) minimum grade of C.

CHEM-5901. Thesis Hours: Chemistry. 1 Hour.

Guidance of students conducting research and writing a thesis to fulfill the requirements for the Master of Science degree in Chemistry.

CHEM-5902. Thesis Hours: Chemistry. 2 Hours.

See course description for CHEM-5901 (<http://catalog.neiu.edu/search/?P=CHEM-5901>).

CHEM-5903. Thesis Hours: Chemistry. 3 Hours.

See course description for CHEM-5901 (<http://catalog.neiu.edu/search/?P=CHEM-5901>).

Child Advocacy Studies (CAST)

Courses

CAST-301. Introduction To Child Advocacy Studies. 3 Hours.

This course provides a survey of the emerging field of Child Advocacy Studies, which researches and seeks remedies for the maltreatment of children and youth, including specific acts of violence and neglect, in the context of the pernicious effects of racism, poverty, sexism, and heterosexism, including the unique problems faced by immigrant and displaced children. The course examines the various economic, political, social and cultural circumstances that may contribute to the abuse and maltreatment of children and youth. It also teaches students about the strategies and tactics used by various local governmental and nongovernmental agencies, courts and medical establishments to address these problems.

CAST-302. Psychosocial Advocacy For Developmental Maladjustment. 3 Hours.

This course is designed to provide the student with a survey of the various psychosocial, developmental, and public health difficulties that are faced by children and adolescents with specific focus on prevention and intervention strategies that are being employed by mental health and social service professionals at both community and societal levels. This course will also introduce the student to the ways that prevention/intervention strategies are developed, employed, and evaluated.

Prerequisite: CAST-301 (<http://catalog.neiu.edu/search/?P=CAST-301>) minimum grade of C.

CAST-303. Child Advocacy Studies: Assessment And Evaluation. 3 Hours.

This is the third required course of the Child Advocacy Studies minor. It focuses on a combination of knowledge and skills necessary to providing direct service to children. The course begins with an examination of the mezzo- and macro-level systems and institutions that provide services for children and youth in the United States. The skills portion of the course supports students in gaining a beginning level of mastery in interviewing, assessment, and evaluation pertinent to serving children and youth who become identified as potential victims of abuse and neglect. The age-focus in this course includes early childhood, middle childhood, and adolescence.

Prerequisites: CAST-301 (<http://catalog.neiu.edu/search/?P=CAST-301>) minimum grade of C and CAST-302 (<http://catalog.neiu.edu/search/?P=CAST-302>) minimum grade of C.

CAST-304. CAST Internship Seminar. 3 Hours.

The focus of the CAST seminar course is to increase the student's sense of confidence in practicing as beginning level practitioners. This goal is achieved by building the student's awareness of her/his own strengths and limitations as a worker, along with the integration of knowledge, values and skills used in the generalist approach to practice with children, adolescents, and their families. Utilizing a collaborative supervision model, this experiential course supports students in achieving further mastery in the knowledge and skills obtained throughout the CAST coursework.

Prerequisites: CAST-301 (<http://catalog.neiu.edu/search/?P=CAST-301>) minimum grade of C and CAST-302 (<http://catalog.neiu.edu/search/?P=CAST-302>) minimum grade of C and CAST-303 (<http://catalog.neiu.edu/search/?P=CAST-303>) minimum grade of C.

Chinese (CHIN)

Courses

CHIN-101. Chinese I. 3 Hours.

Development of basic skills in listening, speaking, reading and writing. Cultural appreciation.

CHIN-102. Chinese II. 3 Hours.

Continuation of CHIN-101 (<http://catalog.neiu.edu/search/?P=CHIN-101>).

Prerequisite: CHIN-101 (<http://catalog.neiu.edu/search/?P=CHIN-101>) minimum grade of D.

CHIN-201. Chinese III. 3 Hours.

This course is a continuation of CHIN-102 (<http://catalog.neiu.edu/search/?P=CHIN-102>) and focuses on the listening, speaking, and writing of Mandarin Chinese at the intermediate-low level. This course also explores cultural expressions and values in contemporary Chinese Society. Prerequisite: CHIN-102 (<http://catalog.neiu.edu/search/?P=CHIN-102>), placement exam, or consent of instructor.

CHIN-202. Chinese IV. 3 Hours.

This course is a continuation of CHIN-201 (<http://catalog.neiu.edu/search/?P=CHIN-201>) and focuses on the listening, speaking, and writing of Mandarin Chinese at the intermediate-mid level. This course also explores cultural expressions and values in contemporary Chinese Society. Prerequisite: CHIN-201 (<http://catalog.neiu.edu/search/?P=CHIN-201>), placement exam, or consent of instructor.

Prerequisite: (CHIN-103 minimum grade of D or CHIN-201 (<http://catalog.neiu.edu/search/?P=CHIN-201>) minimum grade of D).

Coll of Business & Management (COBM)

Courses

COBM-401. Accounting For Managers. 3 Hours.

This course is designed for graduate students who have no prior knowledge of accounting. Students will study and obtain an overall fundamental understanding and appreciation of the use of accounting information for making decisions. The course covers topics in financial accounting for external reporting, and managerial accounting for internal planning, control, and decision making of business operations. This course is provided for the user of the accounting information rather than the preparer and emphasizes how accounting reports are used by managers, investors, and other business stakeholders.

COBM-402. Business Economics And Finance For Managers. 3 Hours.

This course is designed to provide graduate students an introduction to economics and finance from business managers' perspective. The course is composed of three parts. The first part covers the topics of Macroeconomics such as market forces of supply and demand, measuring of national income, measuring of cost of living, unemployment, monetary policy and inflation, etc. The second part covers the topics of Microeconomics such as elasticity, cost of production, market for factors of production, and organization of industry, etc. The third part covers the essential topics of financial management such as financial statement and ratio analysis, time value of money, risk and return relationship, valuation of bonds and stocks, and capital budgeting, etc.

COBM-403. Topics In Management And Marketing. 3 Hours.

This course addresses the basics and application of management and marketing processes for successfully managing an organization and building marketing structure in a competitive business environment. The course will emphasize development of functional skills in management and marketing through readings and case analysis exercises.

COBM-404. Business Statistics And Operations Decisions For Managers. 3 Hours.

This course is designed to cover key concepts and tools from managers' perspective in two subjects: Business Statistics and Operations Decisions, with focus on their application and connection to practices. The topics covered in Business Statistics include, but are not limited to, descriptive measures, discrete probability distribution, continuous probability, sampling distribution, point estimate, interval estimate, and hypothesis test. The topics covered in Operations Decisions are: measures of process, production and service processes, supply chain processes, quality and six-sigma, demand management and forecasting, as well as inventory management.

Comm, Media & Theatre-Comm (CMTC)

Courses

CMTC-100. Introduction to Communication. 3 Hours.

The study of human communication with emphasis on how we communicate, the factors that influence the success of our communication interactions, and the areas in which communication take place.

CMTC-101. Public Speaking. 3 Hours.

The development of skills common to all forms of oral communication with emphasis on public speaking. Students will study organization, delivery, sources of materials and language usage.

CMTC-202. Voice and Diction. 3 Hours.

Emphasis on improving voice quality, volume, projection, rate, articulation, and pronunciation.

CMTC-206. Individual Events Laboratory. 1 Hour.

CMTC-210. Advanced Public Speaking. 3 Hours.

Concentrated study of public speaking and research for public speech, with attention to speech criticism and providing experience in various types of public speaking. Students will videotape selected talks for critique.

CMTC-211. Argument Theory and Practice. 3 Hours.

This course examines the structure of argument, reasoning, and evidence as practiced in small group, interpersonal, and public settings.

Prerequisite: CMTC-101 (<http://catalog.neiu.edu/search/?P=CMTC-101>) minimum grade of D or CMTC-215 (<http://catalog.neiu.edu/search/?P=CMTC-215>) minimum grade of D.

CMTC-213. Interpersonal Communication. 3 Hours.

This course studies how humans relate through the use of verbal and nonverbal symbols. Through participation and involvement, students explore how communication creates, maintains, and deteriorates relationships. Students also examine messages, meanings, feedback, nonverbal elements, listening, barriers and breakdowns as they affect relationships.

CMTC-214. Business and Professional Communication. 3 Hours.

This course focuses on the development of oral and written communication skills that are essential for professional life, including topics such as problem solving, listening, interviewing, and presentational skills.

CMTC-215. Small Group Communication. 3 Hours.

This course provides an in-depth study of small group communication processes. Students explore topics such as decision-making and problem solving, leadership, conflict, and diversity issues. Students are required to participate in group project.

CMTC-300. Mediated Communication. 3 Hours.

This is an investigation of the effects media and technologies have on social interaction and communication behaviors such as speaking, listening, understanding, and interpreting.

CMTC-301. Nonverbal Communication. 3 Hours.

This course explores the nature of non-verbal messages such as body language, facial expression, and artifacts in various communication contexts.

CMTC-305. Writing Intensive Program: Writing In Communication, Media & Theatre. 3 Hours.

This course is a writing intensive experience designed to introduce students to the functions and applications of various writing practices and theories in communication, media, and theatre. Students will gain an understanding of the foundations of these disciplines; recognize the broad categories of theoretical perspectives, such as humanistic, social scientific, and critical; and evaluate the contributions of various theories in interpersonal, rhetorical, organizational, media, dramatic, and intercultural contexts. This course includes formal (graded) and informal writing exercises of varying length and complexity, including but not limited to: free-writing, reading responses, and article critiques, as well as more advanced analysis and application papers.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

CMTC-306. Special Topics In Communication. 3 Hours.

This special topics course provides undergraduate students with the opportunity to study in depth a particular topic of communication. Topics will include, but are not limited to, the role and importance of communication in religion and science, politics, negotiation, intimacy and desire, and social difference.

CMTC-308. Independent Study in Communication. 3 Hours.

Individual investigation into a topic of the student's choice. Requires approval of instructor, chair and dean.

CMTC-310. Persuasion. 3 Hours.

This course examines contemporary theories and practices of persuasion through analysis and evaluation of persuasive messages in society from the used car lot to the presidential campaign.

CMTC-313. Communication, Gender & Identity. 3 Hours.

This course investigates some of the effects that gender and other identities have on communication behaviors, such as naming, language acquisition, professional orientation, conflict management, self-image, dress and social roles.

CMTC-314. Organizational Communication. 3 Hours.

This course examines organizational communication processes such as organizational culture, diversity, workplace participation and democracy. Students will assess (in)effective communication practices in organizations.

CMTC-315. Leadership Communication. 3 Hours.

This course examines the theory and practice of the social-emotional and task-related aspects of leadership processes. Students will explore standard works in classical leadership theory and contemporary frameworks related to motivation, emotional intelligence, and toxic leadership dynamics.

CMTC-316. Family Communication. 3 Hours.

This course studies the family system with a focus on the role communication plays in maintaining it. Students explore the functions of family roles, rules, and power and ways to increase or decrease communication effectiveness in this system.

CMTC-317. Intercultural Communication. 3 Hours.

This course explores issues in intercultural communication. Students will examine their own as well as other people's cultures. Major topics include race and ethnicity, immigration, social class, intercultural conflict, and social justice and how these reflect and/or affect verbal and nonverbal communication processes.

CMTC-318. Communication And Consulting. 3 Hours.

This course examines requirements, procedures, and communication competencies needed for communication consulting with businesses, governmental agencies, and professional associations.

Prerequisite: CMTC-214 (<http://catalog.neiu.edu/search/?P=CMTC-214>) minimum grade of C or COMM-214 minimum grade of C.

CMTC-319. Conflict Communication. 3 Hours.

This course examines the communication processes in interpersonal, organizational, and intercultural conflict, with attention to theories, research and practice related to conflict management.

CMTC-320. Classical Rhetoric. 3 Hours.

CMTC-322. Rhetorical Theory and Criticism. 3 Hours.

Rhetorical theories from the modern era with attention to principal figures and critical methods. Consent of instructor.

CMTC-324. Rhetoric of Protest and Reform. 3 Hours.

Study of the speakers who through public communication had an impact on the course of American history from the colonial period to the present, such as Jonathan Edwards, Patrick Henry, Wendell Phillips, Robert Ingersoll, Angelina Grimke, William Lloyd Garrison, Carry Nation, Eugene V. Debs, Harry Truman and Martin Luther King. Consent of instructor.

CMTC-328. Rhetoric - Selected Studies. 1 Hour.

In-depth study of particular rhetorical figure, tradition or period. Emphasis placed on the impact of rhetorical communication in a specific social, cultural or historical context. Consent of instructor.

CMTC-329. Health Communication. 3 Hours.

This course is designed to provide an introduction to communication processes in various health care contexts. The course will integrate interpersonal, small group, organizational, and mass communication theory and research into a survey of areas such as communication between patients and caregivers, the role of culture in health practices, images of health in the mass media, and new directions in health communication technologies.

CMTC-330. Communication Research Methods. 3 Hours.

An introduction to the principles and methods of social scientific research as they relate to the antecedents, processes and outcomes of communication behaviors. This course is intended to cultivate skills necessary for interpreting and critically evaluating research results and for designing research projects. Topics include forming research questions and hypotheses, reviewing and critiquing literature, applying quantitative and qualitative research techniques, coding and analyzing observations and writing research reports.

CMTC-383. Professional Internship 1. 3 Hours.

Professional activities in a selected field of communication, media or theatre, performed and supervised at public or private facilities, corporate communication sites, business agencies, theatres, etc. (Advanced standing, GPA of 4.0, recommendation from 2 faculty members, written consent of advisor and department chair; Application must be made to the internship department in advance.)

CMTC-384. Professional Internship 2. 6 Hours.

(See CMTC-383 (<http://catalog.neiu.edu/search/?P=CMTC-383>) for description.)

CMTC-385. Professional Internship 3. 9 Hours.

(See CMTC-383 (<http://catalog.neiu.edu/search/?P=CMTC-383>) for description.)

CMTC-386. Professional Experience Seminar. 3 Hours.

The course will provide students with an opportunity to work in a professional communication, media or theatre position while examining the experience with a faculty member and their peers. For many students, a professional placement is a new, unfamiliar experience with a set of demands that are distinct from the academic world. This course will allow students to earn credit for an internship in their desired field, while enhancing their professionalism through discussion and reflection. Consent of the instructor is required.

CMTC-400. Special Topics In Communication. 3 Hours.

This special topics course provides graduate students with the opportunity to study in depth a particular area (e.g., intercultural, group, gender, family, organizational, interpersonal), topic (e.g., identity and difference, intimacy and desire, corporate consulting, political rhetoric), or method (e.g., rhetorical criticism, auto/ethnography, content analysis) of communication. The focus will be on critically examining foundational and contemporary works that advance the theory, research, and practice about this area, topic, or method.

CMTC-401. Introduction to Graduate Study. 3 Hours.

Problems, methods and resources involved in graduate study and research in all areas of communication, media and theatre.

CMTC-402. Seminar In Research Methods. 3 Hours.

An introduction to the principles and methods of Communication, Media and Theatre research. This course is intended to cultivate skills necessary for interpreting and critically evaluating research results and for designing research critiquing literature, applying quantitative and qualitative research techniques, coding and analyzing observations, and writing research reports.

CMTC-404. Communication Theory. 3 Hours.

An analysis of communication theories, including the nature of theories, message design and reception. Course covers a broad range of theories in the communication discipline, including both humanistic and social scientific approaches. Nonetheless, particular theories analyzed each semester will vary, depending on the instructor.

CMTC-414. Seminar In Organizational Communication. 3 Hours.

This course will provide an advanced look at the major elements of organizational theory that apply to organizational communication. This field, in a modern sense, began in the 1950's and since then has grown to be one of the biggest forces in communication today. We will examine what theories direct the reality of organizations and how much of that reality is managed for the purposes of controlling individuals, whether overtly or symbolically.

CMTC-416. Seminar In Interpersonal Communication. 3 Hours.

This is a seminar exploring the basic themes, concepts and debates in research on personal relationships. Students will learn to critically analyze theory and research about relationships. The course requires a major paper on one particular facet of communication in personal relationships.

CMTC-418. Seminar-Research Problems in Group Communication. 3 Hours.

This seminar reviews major research topics, issues, and debates in academic scholarship in group communication. This course requires the completion of an original research study.

CMTC-430. Seminar In Communication Research Methods. 3 Hours.

An introduction to the principles and methods of Communication, Media and Theatre research. This course is intended to cultivate skills necessary for interpreting and critically evaluating research results and for designing research critiquing literature, applying quantitative and qualitative research techniques, coding and analyzing observations, and writing research reports.

CMTC-434. Independent Study In Communication. 3 Hours.

Individual investigation into selected topics in the theory and practice of communication. This course requires approval of the instructor, Department Chair and the appropriate College Dean(s).

CMTC-5901. Thesis Hours. 1 Hour.

Guidance of student work toward the completion of a thesis to fulfill the requirements for the Master of Arts degree in Communication, Media, and Theatre. Students may register for 1--#3 credits per term with a total of 6 credits required to complete the thesis project. This course requires approval of the instructor, Department Chair, and the appropriate College Dean(s).

Requirement: Approval of the graduate advisor.

CMTC-5902. Thesis Hours. 2 Hours.

See course description for CMTC-5901 (<http://catalog.neiu.edu/search/?P=CMTC-5901>).

CMTC-5903. Thesis Hours. 3 Hours.

See course description for CMTC-5901 (<http://catalog.neiu.edu/search/?P=CMTC-5901>).

Comm, Media & Theatre-Educ (CMTE)

Courses

CMTE-490. Instructional Communication. 3 Hours.

Selected topics in methods and materials related to speaking and listening; instructional problems relative to type of programs, trends in instruction, sources, resources and research. Individual projects will adapt resources and methodology to a particular type of school and classroom, such as the inner city.

CMTE-492. Teaching College Speech. 3 Hours.

This course examines the tasks of the communication teacher; philosophy, objectives, materials and methods of instruction, communication curricula and departmental operations; and professional relationships in the community.

Comm, Media & Theatre-Media (CMTM)

Courses

CMTM-105. Introduction To Journalism. 3 Hours.

This survey course introduces students to the field of journalism, its basic concepts, processes and practices. It is intended as a guide to the workings of the journalism industry, including its various branches, the basis of news judgment, and the nature of journalism in the era of new media. Its hands-on approach is designed to provide a theoretical as well as "real world" understanding of the news and application of principles related to the production and dissemination of the news.

CMTM-109A. First Year Experience: Chicago On Video: One Pixel At A Time. 3 Hours.

In this course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery and Transitions) are interwoven with the field-specific concepts and terminology of video production. Students in this dynamic, hands-on class will turn the lens on other students engaged in hands-on learning....producing children's theatre, testing water samples, conducting fieldwork, examining issues of social justice... and get a taste of both documentary production and advanced undergraduate coursework at NEIU. Students will also get to explore uses of video at the community level - from high school students covering sports events, to local immigrants keeping their cultural ties alive.

CMTM-160. Introduction To Cinema. 3 Hours.

This course introduces students to the basic elements of cinema (editing, cinematography, sound, etc.) and explores how these elements contribute to our understanding of the themes and meanings of a particular film. After gaining a foundational understanding of these formal elements, students assess how topics such as genre, narrative, authorship, and ideology help to shape cinema.

CMTM-165. Broadcasting & New Media. 3 Hours.

Introduction to the business and creative processes, structure and function of American television and radio, emphasizing the production, distribution and reception of news and information programming.

CMTM-205. Fundamentals Of Media Writing. 3 Hours.

This course helps students solidify grammar and writing skills so they can enter the competitive field of media. It focuses on punctuation and spelling issues and introduces the "Bible" of print media, The Associated Press Stylebook. Fundamentals of Media Writing picks up where Introduction to Journalism, CMTM-105 (<http://catalog.neiu.edu/search/?P=CMTM-105>), leaves off by moving students from talking about and analyzing journalistic writing to learning the basic tools to begin practicing the profession. The course serves as a skill-building foundation and prerequisite for News Writing, CMTM-367 (<http://catalog.neiu.edu/search/?P=CMTM-367>).

CMTM-208. Media Laboratory. 1 Hour.

Participation in various phases of production and management for either on campus or off-campus radio, television, or film activities. Communication, Media and Theatre majors may repeat this course once for laboratory credit towards graduation requirements only.

CMTM-250. Introduction To Audio Production. 3 Hours.

This course introduces students to the process of audio production. The course also explores sound as an industry and an art form, as well as a tool of self-expression and of story telling. Through a series of production exercises, working individually and in groups, the student becomes familiar with the process of audio production from concept to field recordings, to scripting and editing, to producing and mixing and then to sharing the finished work with others.

CMTM-260. Introduction to Video Production. 3 Hours.

This class will introduce students to the principles and practices of digital video production, with an emphasis on single camera field production and digital, non-linear editing. Aesthetics and conventions of television programs, independent/ art videos, and documentaries will also be examined.

CMTM-265. Mass Media and Society. 3 Hours.

Development and problems of the media; the history, regulation, and social and economic implications of the media; American media systems and their relation to the media's cultural content and function.

CMTM-310. Independent Study in Mass Media. 3 Hours.

Individual investigation into a topic of the student's choice. Must have approval of instructor, chair and dean.

CMTM-3111. Fieldwork in Video Production. 1 Hour.

Academic credit (1-6 cr.) for guided video production fieldwork. Reserved for students who have been invited to participate in documentary, narrative, experimental, commercial or other relevant and typically off-campus field production opportunities. Student enrolls with media faculty who directs project and oversees student performance. Students will utilize research skills, apply principles learned in classroom, contribute meaningfully to a long-strand production, earn credit in a broadcast or higher-profile production, and explore career options. May be taken more than once, for a maximum of six credit hours.

Prerequisite: CMTM-260 (<http://catalog.neiu.edu/search/?P=CMTM-260>) minimum grade of C or MASS-260 minimum grade of C.

CMTM-3112. Fieldwork in Video Production. 2 Hours.

See CMTM-311 for course description.

Prerequisite: CMTM-260 (<http://catalog.neiu.edu/search/?P=CMTM-260>) minimum grade of C or MASS-260 minimum grade of C.

CMTM-3113. Fieldwork in Video Production. 3 Hours.

See CMTM-311 for course description.

Prerequisite: CMTM-260 (<http://catalog.neiu.edu/search/?P=CMTM-260>) minimum grade of C or MASS-260 minimum grade of C.

CMTM-3114. Fieldwork in Video Production. 4 Hours.

See CMTM-311 for course description.

Prerequisite: CMTM-260 (<http://catalog.neiu.edu/search/?P=CMTM-260>) minimum grade of C or MASS-260 minimum grade of C.

CMTM-3115. Fieldwork in Video Production. 5 Hours.

See CMTM-311 for course description.

Prerequisite: CMTM-260 (<http://catalog.neiu.edu/search/?P=CMTM-260>) minimum grade of C or MASS-260 minimum grade of C.

CMTM-3116. Fieldwork in Video Production. 6 Hours.

See CMTM-311 for course description.

Prerequisite: CMTM-260 (<http://catalog.neiu.edu/search/?P=CMTM-260>) minimum grade of C or MASS-260 minimum grade of C.

CMTM-360. Advanced Video Production. 3 Hours.

This hands-on class will expand students' understanding and application of the tools of video production. Student projects will primarily be individually produced, single camera video programs. We will screen many examples of video works, of a variety of genres and with an eye for the impact of the mode of transmission on the product. We will pay critical attention to audio for video, focus on the development of one's own "voice," and emphasize constructive criticism and revision.

Prerequisite: CMTM-260 (<http://catalog.neiu.edu/search/?P=CMTM-260>) minimum grade of C or MASS-260 minimum grade of C.

CMTM-361. Digital Video Editing. 4 Hours.

This hands-on class introduces students to the principles and practices of digital, non-linear video editing, including the aesthetics and conventions of film and video cutting, history and theories of editing, and technical aspects of editing. Students will use sample footage to edit, present and critique several projects, and they will edit a final piece using footage of their own choosing.

Prerequisite: CMTM-260 (<http://catalog.neiu.edu/search/?P=CMTM-260>) minimum grade of C or MASS-260 minimum grade of C.

CMTM-362. Video Production Workshop. 3 Hours.

In this intensive, hands-on class students will produce short non-fiction video modules, linked to a specific theme each term. Students will work in small production teams, and will write, direct, shoot and edit their segments, rotating responsibilities. Students will screen, critique and revise modules, create finished shows, and organize and promote screenings.

Prerequisite: CMTM-260 (<http://catalog.neiu.edu/search/?P=CMTM-260>) minimum grade of C or MASS-260 minimum grade of C.

CMTM-363. Documentary Film. 3 Hours.

CMTM-364. Writing For Media - Revolving Topics. 3 Hours.

This revolving topics course provides exposure to a variety of writing topics and writing formats that will give students studying media the opportunity to develop in-depth written works in a workshop environment, with an emphasis on constructive criticism and revision. Consult the Schedule of Classes for specific topics.

CMTM-364A. Writing For Media: Writing The Sitcom. 3 Hours.

This revolving topics course provides exposure to a variety of writing topics and writing formats that will give students studying media the opportunity to develop in-depth written works in a workshop environment, with an emphasis on constructive criticism and revision.

CMTM-365. Contemporary Issues in Mass Media. 3 Hours.

Advanced study of the socio-psychological impact of the media upon contemporary society.

Prerequisite: CMTM-265 (<http://catalog.neiu.edu/search/?P=CMTM-265>) minimum grade of C or MASS-265 minimum grade of C.

CMTM-366. Multimedia Storytelling. 3 Hours.

This course will involve writing for various media platforms with practice in the multimedia creation of original works; experience in writing forms and content typical of various media and criteria for evaluating written work; discussion of career opportunities.

Prerequisite: CMTM-260 (<http://catalog.neiu.edu/search/?P=CMTM-260>) minimum grade of C or CMTM-250 (<http://catalog.neiu.edu/search/?P=CMTM-250>) minimum grade of C.

CMTM-367. News Writing. 3 Hours.

This course will take students through the basics of news writing and reporting. The course will demand in-class writing assignments that will help students prioritize information and write with accuracy under deadline. Students will discuss and be tested on current affairs and evaluate a variety of new sources. Students will cover local events and generate story ideas.

Prerequisite: CMTM-205 (<http://catalog.neiu.edu/search/?P=CMTM-205>) minimum grade of D.

CMTM-368. Community Media. 3 Hours.

The course will familiarize students with the important journalistic function uniquely served by community-based media, a function increasingly important in today's media landscape of centrally produced content controlled by fewer and fewer owners focused primarily on the economic needs of those owners and the advertisers. The course will introduce students to different forms of community media - print, video, audio, and new technologies - and how these contribute to the building of community.

CMTM-370. Public Relations. 3 Hours.

Examination of the history, development and practice of the public relations field, with attention to the planning, implementation and execution of public relations campaigns and the survey techniques and strategies used by public relations practitioners.

CMTM-371. American Cinema (Origins-1950). 3 Hours.

An investigation of the evolution of American narrative film history from its beginning to the end of World War II. This course introduces students to the creative and technological developments in a given time period and exposes them to a variety of ways of analyzing American films are investigated according to their historical, technological, aesthetic and ideological significance as well as their genre placement.

CMTM-372. American Cinema (1950-Present). 3 Hours.

An investigation of the evolution of American narrative film history from the end of World War II until the present. This course introduces students to the creative and technological development in a given time period and exposes them to a variety of ways of analyzing American films. Films are investigated according to their historical, technological, aesthetic and ideological significance, as well as their genre placement.

CMTM-373. World Cinema. 3 Hours.

An examination of the major influential film movements and filmmakers from around the world and their impact on the language of cinema. This course is intended to develop an understanding of the evolution of narrative film history by analyzing films according to their historical, technological, aesthetic and ideological significance.

CMTM-374. Special Topics In Film. 3 Hours.

This revolving topics course provides exposure to a variety of topics that will give students studying film the opportunity to engage in broader as well as more in-depth investigations of the history, concepts and theoretical approaches to film studies and the body of scholarship in this field. Consult the Schedule of Classes for specific topics.

CMTM-374A. Studies In Film: American Horror Film. 3 Hours.

As one of the revolving topics in the Studies in Film course, this class will introduce the history, evolution, and important themes of the American horror film, serving as an overview of the genre and locating it in American historical, cultural, and literary contexts. Approaches will include close readings of films as well as psychoanalytic, ideological, and feminist analyses. A number of films and clips will be screened and discussed in the context of course readings.

Prerequisite: CMTM-160 (<http://catalog.neiu.edu/search/?P=CMTM-160>) minimum grade of C.

CMTM-375. Contemporary Hispanic Cinema. 3 Hours.

An introduction to some of the major contemporary films and filmmakers from Spain and Latin American countries. The course will not only analyze the artistic merits of the films, but also examine the social, economic, historical and political context within which they were created and how their themes are related to national identity, as well as international concerns.

CMTM-376. Television History. 3 Hours.

An overview of the cultural history of television from its origins in radio to cable and satellite communication, primarily in the U.S., but with some comparison to international contexts. Television programs are the primary focus and will be used to explore topics such as technology, regulation, audience measurement, commercial and educational/public broadcasting, advertising and programming strategies.

CMTM-377. Gender And Media. 3 Hours.

This course examines representations of gender and sexuality in popular media. Students will begin with feminist theories of representation and follow theoretical developments that include issues of race, ethnicity, masculinity, and queer theory as they relate to film, television, and new media.

CMTM-378. New Media Technologies. 3 Hours.

This course explores emerging media technologies, including descriptions of the technologies, how their implementation affects existing media institutions, and social implications of the technologies. Emphasis is on historical perspectives on emerging media technologies in the global information society including digital audio-visual media, computers and consumer electronics, and various networking technologies. The course provides students with an understanding of the background, structure, functions, and current status for each technology. Emerging convergent media revolutionizing the global knowledge system will also be covered, including deregulatory policies, corporate mergers, and industrial restructuring.

CMTM-379. Media Law & Ethics. 3 Hours.

This course introduces students to the study of legal and ethical issues affecting U.S. mass media from journalistic and business perspectives. Specifically, the course will explore the legal and ethical responsibilities and rights of communicators and media professionals across various issues, including the First Amendment, defamation, privacy, newsgathering, regulation over media content, intellectual property rights, and regulation of electronic media and advertising industry. It will also help students think through media issues from a moral reasoning perspective by taking a variety of cases through an ethical framework.

CMTM-380A. Topics In Television: Television Genres. 3 Hours.

Television Genres will cover a variety of scholarly approaches to the study of television programs. Genres can be studied for how they change over time, in response to cultural changes or economic exigencies. This course will take up theoretical questions of televisuality (the aesthetic conditions of the television text), and then focus on a number of particular genres. We will be primarily focusing on U.S. television, but there will be some attention to global questions, especially those of flow and format.

CMTM-383. Professional Internship 1. 3 Hours.

Professional activities in a selected field of media, performed and supervised at public or private facilities, corporations, business agencies, etc.

CMTM-384. Professional Internship 2. 6 Hours.

(See CMTM-383 (<http://catalog.neiu.edu/search/?P=CMTM-383>) for description).

CMTM-385. Professional Internship 3. 9 Hours.

(See CMTM-383 (<http://catalog.neiu.edu/search/?P=CMTM-383>) for description).

CMTM-390. NEIU Cinémathèque. 1 Hour.

A “cinémathèque” is a small, specialized theater where important films are screened, discussed, archived, preserved, and loved. Drawing upon the tradition of cinémathèques across the world, this course will provide an opportunity for students to screen, discuss, and research important works of cinema here at Northeastern Illinois University. With oncampus resources such as 35mm prints screened by the Northwest Chicago Film Society and our extensive holdings of the Criterion Collection in the Ronald Williams Library, students will learn about the material practices surrounding film such as archival collection, preservation, and restoration as well as distribution, exhibition, criticism, and reception. Junior or Senior-level standing only.

CMTM-410. Independent Study In Media. 3 Hours.

Individual investigation into selected topics in theory and practice of media. Independent studies require the approval of the instructor, Department Chair and appropriate College Dean (s).

CMTM-465. Mass Communication Theory. 3 Hours.

This course is designed to investigate the concepts, ideologies, and resulting scholarship that are relevant to the study of mass communication. Students will study a variety of mass communication theories and will critically evaluate the merits of these perspectives. Students will develop research projects to further interpret and utilize mass communication theories.

CMTM-466. Media And Cultural Studies. 3 Hours.

This graduate seminar is designed to expose students to a “cultural studies” approach to media. Cultural studies scholars are primarily concerned with issues of power, and this approach has long informed the discipline of critical media studies. The focus on media will explore structures of power and inequality as they relate to the politics of identity and experience. Drawing upon foundational readings in the field as well as current media and cultural studies scholarship, students will spend the semester exploring the way in which these structures of power materialize in media texts and industrial formations.

CMTM-467. Special Topics In Film & Television. 3 Hours.

This special topics course provides graduate students an opportunity to explore historical and theoretical approaches specific to studies of film and television. Special topics may include film history and theory, television history, national cinemas, genres, industrial technologies and trends, and issues of representation such as race, class, and gender. Required: Graduate standing.

CMTM-468. Seminar In New Media. 3 Hours.

This course will explore critical approaches to “new media” by considering the dual meaning of the term. On one hand it describes the sense of “newness” often accompanying emerging media technologies throughout history, but it also describes the important contemporary shift from analog to digital media. Students will examine the history of several media technologies at critical moments of development, change, or rupture as well as analyze issues relevant to digital media such as file sharing, social networking, identity theft, surveillance, and cyberwarfare.

Comm, Media & Theatre-Theatre (CMTT)

Courses

CMTT-109. First Year Experience: Staging Chicago: Performances In, For, & About Chicago. 3 Hours.

In Staging Chicago students will read, watch, write, and perform plays about Chicago. Special attention will be paid to plays that premiered in Chicago and were produced by Chicago artists. In addition to reading plays, students will have an opportunity to stage scenes and present their own theatrical interpretation of the Second City.

CMTT-109C. First Year Experience: Theatre in Chicago: The Audubon/Northeastern/Redmoon Theater Partnership. 3 Hours.

The focus of this general education introduction to theatre class will be its partnership with Chicago's Redmoon Theater. Redmoon is an acclaimed community-based theatre which brings theatre to underserved Chicago communities. To facilitate this partnership, Northeastern students will meet one day a week for class at Audubon Elementary School, which has been adopted by Redmoon Theater. Northeastern students will have opportunities to work with Redmoon Theater artists in Audubon classrooms and participate in Redmoon initiatives and internships.

CMTT-130. Introduction to Theatre. 3 Hours.

Survey of the components of theatrical experience and the function of the various contributors to theatrical production. Attendance at selected theatrical productions is required.

CMTT-139. Theatre Practicum 1. 1 Hour.

Practical, hands-on experience in all technical areas of theatre for main stage productions. Communication, Media and Theatre majors may repeat this course once for laboratory credit towards graduation requirements.

CMTT-203. Voice for the Stage. 3 Hours.

This course gives each student a method to improve his or her ability to articulate, project, develop resonance and meet the demands for the stage including dialects and Shakespearian speech.

CMTT-207. Interpreters' Laboratory. 1 Hour.

Participation in oral interpretation activities at local, regional, or national levels. Communication, Media and Theatre majors may repeat this course once for laboratory credit towards graduation requirements.

Prerequisite: CMTT-255 (<http://catalog.neiu.edu/search/?P=CMTT-255>) minimum grade of C.

CMTT-220. Improvisation. 3 Hours.

Emphasis on mastering improvisational theatre games for both actor training and performance.

CMTT-221. Acting 1. 3 Hours.

The basic skills of acting including the actor's internal preparation for playing a role and the development of his/her external technique for projecting the role to the audience.

CMTT-239. Theatre Practicum. 3 Hours.

Practical, hands-on experience in all technical areas of theatre for main stage productions.

CMTT-240. Stagecraft. 3 Hours.

An introduction to all aspects of backstage technical production.

CMTT-249. Makeup. 3 Hours.

Fundamentals of stage and television makeup for straight and character roles; emphasis on the application of makeup, historical periods and uses of masks.

CMTT-255. Performance of Literature. 3 Hours.

Development of intellectual and emotional responsiveness to prose, poetry and drama, and the ability to communicate effectively in performance.

CMTT-309. Independent Study in Theatre. 3 Hours.

Individual investigation into a topic of the student's choice. Approval of instructor, department chair and dean.

CMTT-309A. Independent Study in Theatre. 3 Hours.

CMTT-321. Acting 2. 4 Hours.

Refinement of skills developed in Acting 1 with emphasis on the use of improvisation to develop and project characters from standard plays.

Prerequisite: CMTT-221 (<http://catalog.neiu.edu/search/?P=CMTT-221>) minimum grade of C.

CMTT-331. History of Theatre 1. 3 Hours.

Chronological survey of the development of theatre and drama of the Western World from the early Greek festivals to the early Renaissance period.

CMTT-332. History of Theatre 2. 3 Hours.

Chronological survey of the development of theatre and drama of the Western World from the Renaissance period to the twentieth century.

CMTT-333. Contemporary Theatre. 3 Hours.

This course provides a survey of theatre and drama from the twentieth century to the present.

CMTT-334. Special Topics In Theatre. 3 Hours.

In-depth study of the major works of a single dramatist or movement, the relationship of those works to the period in which they were produced, and their place in the history of dramatic literature. Consult the Schedule of Classes for specific topics.

CMTT-335. American Social Problem Plays. 3 Hours.

In-depth study of American plays in the 20th century that reflect the political and social changes in the society. Plays will be analyzed in relation to the literary text, the theatrical texts in their historical and social context, and social issues through literature.

CMTT-336. Realism and Naturalism. 3 Hours.

A survey of naturalism and realism in drama and theatre from the late 19th century to the present, covering major plays, playwrights and theatre practitioners.

CMTT-337. Women Playwrights. 3 Hours.

Chronological study and analysis of literary texts in historical and social contexts that are written by women, that deal with social issues about women, and are about women's rights.

CMTT-338. Melodrama. 3 Hours.

An exploration of melodrama as the dramatic form that dominated the nineteenth century stage in the United States. The course focuses on identifying the characteristics of melodrama and contemporaneous theatre practice, reading representative plays, and exploring the social and political issues of the day reflected in the plays.

CMTT-339. Advanced Theatre Practicum. 3 Hours.

Special assignment to specific positions such as stage management, direction, and dramaturge, among others.

CMTT-340. Set Design. 3 Hours.

Comprehensive study of the principles of scene design theory and practice.

Prerequisite: CMTT-130 (<http://catalog.neiu.edu/search/?P=CMTT-130>) minimum grade of C.

CMTT-341. Lighting Design. 3 Hours.

Comprehensive study of the principles of lighting design theory and practical application.

Prerequisite: CMTT-130 (<http://catalog.neiu.edu/search/?P=CMTT-130>) minimum grade of C or PERF-130 minimum grade of C.

CMTT-342. Costume Design. 3 Hours.

In-depth study of the basic design skills, identification of textiles, as well as analysis of dramatic texts for costuming and coordinating designs with a theatre production team.

Prerequisite: CMTT-130 (<http://catalog.neiu.edu/search/?P=CMTT-130>) minimum grade of C.

CMTT-343. Stage Management. 3 Hours.

In-depth study of the job of the Stage Manager, including production planning, prompt book design, scheduling and managing rehearsal time, and actually stage managing and calling a show.

CMTT-345. Directing. 3 Hours.

Principles and techniques of the director's art.

Prerequisite: CMTT-130 (<http://catalog.neiu.edu/search/?P=CMTT-130>) minimum grade of C.

CMTT-346. American Musical Theatre. 3 Hours.

Survey of the development of the American musical theatre with consideration of the problems inherent in the production of musicals.

CMTT-347. Playwriting. 3 Hours.

Study of dramatic art with practice in the writing of plays for dramatic production. An attempt will be made to provide laboratory productions of outstanding student works.

CMTT-348. Advanced Stagecraft. 3 Hours.

Advanced methods in backstage technical production.

Prerequisite: CMTT-240 (<http://catalog.neiu.edu/search/?P=CMTT-240>) minimum grade of C.

CMTT-349. Summer Theatre. 3 Hours.

A laboratory class covering all phases of theatre production in conjunction with the production of a play script. Includes acting, directing, set and costume design, choreography, lighting, props publicity and theatre management as related to the production of a play script.

CMTT-350. Children's Theatre Workshop:Elementary. 3 Hours.

Survey of theatre for children from creative dramatics to theatre in the elementary schools. All significant facets of play production are covered in performance of an actual script.

CMTT-351. Children's Theatre Workshop:Middle and High School. 3 Hours.

Survey of theatre for children, from creative dramatics to theatre in the secondary schools. All significant facets of play production are covered in performance of an actual script.

CMTT-352. Interpretation of Poetry. 3 Hours.

Literary analysis and oral performance of lyric, narrative, dramatic, poetry and other presentational forms.

Prerequisite: CMTT-255 (<http://catalog.neiu.edu/search/?P=CMTT-255>) minimum grade of C or PERF-255 minimum grade of C.

CMTT-353. Interpretation of Prose. 3 Hours.

Literary analysis and oral performance of both fiction and non-fiction, including novels, short stories, essays letters, diaries, travel literature and biographies.

Prerequisite: CMTT-255 (<http://catalog.neiu.edu/search/?P=CMTT-255>) minimum grade of C or PERF-255 minimum grade of C.

CMTT-354. Interpretation of Drama. 3 Hours.

Literary analysis and performance of plays, emphasizing the solo reader performing a variety of roles.

Prerequisite: CMTT-255 (<http://catalog.neiu.edu/search/?P=CMTT-255>) minimum grade of C or PERF-255 minimum grade of C.

CMTT-355. Advanced Performance Of Literature. 3 Hours.

Literary analysis of poetry and prose; presentation of individual and multiple performers.

Prerequisite: CMTT-255 (<http://catalog.neiu.edu/search/?P=CMTT-255>) minimum grade of C or PERF-255 minimum grade of C.

CMTT-357. Interpretation of Shakespeare. 3 Hours.

Selected comedies, tragedies and histories, tracing the development of the dramatist; emphasis on special performance techniques to illuminate a thorough study of the plays.

Prerequisite: CMTT-255 (<http://catalog.neiu.edu/search/?P=CMTT-255>) minimum grade of C or PERF-255 minimum grade of C.

CMTT-358. Acting 3. 4 Hours.

Advanced methods in acting including analyzing language and approaching language problems in theatre production. Scene work is taken from classic dramas.

Prerequisite: CMTT-321 (<http://catalog.neiu.edu/search/?P=CMTT-321>) minimum grade of C.

CMTT-359. Experimental Theatre. 3 Hours.

In this course, students will study and perform experimental modes of theatre. Methods may include collaborative devising, verbatim theatre, playback theatre, physical theatre, relational performance, solo storytelling, game theatre, and live art techniques.

CMTT-383. Professional Internship 1. 3 Hours.

Professional activities in a selected field of theatre, performed and supervised at public or private facilities, theatres, organizations, schools, etc.

CMTT-384. Professional Internship 2. 6 Hours.

(See CMTT-383 (<http://catalog.neiu.edu/search/?P=CMTT-383>) for description.).

CMTT-385. Professional Internship 3. 9 Hours.

(See CMTT-383 (<http://catalog.neiu.edu/search/?P=CMTT-383>) for description.).

CMTT-392. Integrating The Arts Across Disciplines: Art As A Tool For Teaching & Training. 3 Hours.

This course instructs aspiring leaders in the fields of education, business, science, and the arts in utilizing the skills of collaboration, innovation, and project management employed across the disciplines as tools for teaching, training, creativity, and innovation. This experiential course delivers the fundamental concepts and pedagogy of creative leadership through field experience, guest interviews, and documentation projects.

CMTT-393. Drama For Teaching And Learning. 3 Hours.

CMTT-393 (<http://catalog.neiu.edu/search/?P=CMTT-393>) is a practical, process-oriented course designed to introduce students to techniques for using drama as a teaching tool. From 20th century techniques for using drama as a teaching tool in elementary and middle schools, to contemporary approaches to drama as a means of community engagement and social intervention with youth and adults, students will explore multiple methods for applying drama and theatre in a variety of pedagogical settings. Course assignments are hands-on and emphasize various techniques in a space conducive to developing increased proficiency, both individually and in groups.

CMTT-423. Independent Study in Theatre. 3 Hours.

Individual investigation into selected topics in methods and materials for dramatic activities. Permission of instructor, chair, dean graduate director.

CMTT-430. Dramatic Theory. 3 Hours.

This course offers an analysis of major theories of dramatic writing and dramatic production from Aristotle to contemporary theorists, and explores how these theories influence theatre and drama.

CMTT-431. Comparative Performing Arts. 3 Hours.

This course compares various examples and methodologies of adaptation in performing arts such as ballet, opera, drama, film, and television. Students are required to attend performances.

CMTT-446. Theatre Management. 3 Hours.

Managerial policies and practices in educational and community theatres with emphasis upon common problems and solutions.

CMTT-473. Special Topics In Theatre. 3 Hours.

This revolving topics course allows graduate students the opportunity to study in-depth, specific theatre methods, movements and motivators. Consult the Schedule of Classes for specific topics.

Computer Science (CS)

Courses

CS-100. Computers And Society. 3 Hours.

This course provides an introduction to the history of computing and how computers have affected society. Furthermore, it covers the basic computer skills needed to be truly computer literate in modern society. Topics include, but are not limited to the history of computing, the social context of computing, ethical issues in computing, computer security and privacy, the impact of the Internet and the World Wide Web, an introduction to computer architecture and operating systems, and basic computer programs utilized for school, work, and home.

CS-109. First Year Experience: The Information Age: Its Impact On Chicago's Culture. 3 Hours.

The 21st century has seen the genesis of the Information Age. Advances in computer technology have made immediate access to information and sophisticated processing of information commonplace in business, science, medicine, education, various professional areas and many aspects of personal life. This course focuses on how this has impacted Chicago's culture and its diverse communities. This course fulfills the First Year Experience (FYE) requirement. FYE-109 courses are intended for Freshmen only. Students may not take more than one FYE-109 course.

CS-200. Programming I. 3 Hours.

This course serves as an introduction to principles of computer programming. It covers fundamental concepts including input/output, data types, arithmetic, relational, and logical operators, branching, looping, methods, and arrays. Programming projects involving these concepts will be assigned for interactive applications, numeric computations, and analysis of data. A common comprehensive final exam will be given for all sections of CS-200 (<http://catalog.neiu.edu/search/?P=CS-200>), Programming I—the date of the final exam will be published within the section record each term.

Prerequisite: MATH-173 (<http://catalog.neiu.edu/search/?P=MATH-173>) minimum grade of C.

CS-201. Discrete Structures. 3 Hours.

Introduction to the fundamental number theoretic, logical, algorithmic, combinatoric, and computational concepts from discrete structures and their applications to computer science. This course involves no programming.

Prerequisite: MATH-173 (<http://catalog.neiu.edu/search/?P=MATH-173>) minimum grade of C or MATH-104 minimum grade of C.

CS-202. COBOL Programming. 3 Hours.

Introduction to the COBOL Programming language, emphasizing business applications. Students will flowchart, program and test several typical business problems on the computer.

Prerequisite: CS-200 (<http://catalog.neiu.edu/search/?P=CS-200>) minimum grade of C.

CS-207. Programming II. 3 Hours.

This course provides an in-depth study of the principles of object oriented programming, including Classes, Objects, Methods, Arrays, Inheritance, and Polymorphism. Within this framework, the course will cover Sorting and Searching Arrays, Two-Dimensional Arrays, Exception Handling, and File Input/Output. Emphasis is given to the design of algorithms and program development, involving both numeric computations and string manipulation techniques. A common comprehensive final exam will be given for all sections of CS-207 (<http://catalog.neiu.edu/search/?P=CS-207>), Programming II—the date of this final exam will be published within the section record each term.

Prerequisite: CS-200 (<http://catalog.neiu.edu/search/?P=CS-200>) minimum grade of C.

CS-300. Client Side Web Development. 3 Hours.

The course discusses web site design issues and the requirements of e-commerce. Furthermore, it covers the creation of web pages. Hands-on development and group projects are an essential part of this course.

Prerequisite: CS-200 (<http://catalog.neiu.edu/search/?P=CS-200>) minimum grade of C.

CS-301. Computer Organization. 3 Hours.

Representation of data, machine arithmetic, processor and memory organizations, instruction execution, assembly and machine languages, addressing mechanisms, and implementation of high level language constructs. Students will gain a vision of levels of abstraction in hardware and software, the nature of the Von Neumann machine and the nature of high level languages.

Prerequisites: CS-200 (<http://catalog.neiu.edu/search/?P=CS-200>) minimum grade of C and CS-201 (<http://catalog.neiu.edu/search/?P=CS-201>) minimum grade of C.

CS-302. Systems Programming. 3 Hours.

Introduction to systems programming, including use and implementation of assembler, macros, loaders, compilers, and operating systems.

Prerequisites: CS-304 (<http://catalog.neiu.edu/search/?P=CS-304>) minimum grade of C and CS-308 (<http://catalog.neiu.edu/search/?P=CS-308>) minimum grade of C.

CS-303. Basic Concepts In Computer-Assisted Instruction. 3 Hours.

Introduction to concepts of computer-assisted instruction and the programs and equipment used. Topics include: tutorial, drill and practice, simulation and game programs, and computerized learning-center management.

Prerequisite: CS-200 (<http://catalog.neiu.edu/search/?P=CS-200>) minimum grade of C.

CS-304. Data Structures. 3 Hours.

This course provides experience implementing and manipulating basic data structures, as well as analyzing their applications in Computer Science. Topics covered will include: Stacks, Queues, Linked Lists, Binary Tree Structures, Heaps, Graphs, and Sorting Algorithms.

Prerequisite: CS-207 (<http://catalog.neiu.edu/search/?P=CS-207>) minimum grade of C.

CS-305. Computer Logic And Circuitry. 3 Hours.

Introduction to logical design of computers and some of their applications. Included are Boolean algebra, switching theory, number systems, numerical codes, and computer organization. Engineering problems are de-emphasized. Computer word organization, languages and use of computers for simple problems will be explained.

Prerequisite: CS-200 (<http://catalog.neiu.edu/search/?P=CS-200>) minimum grade of C.

CS-306. Advanced Assembler Programming. 3 Hours.

Prerequisite: CS-205 minimum grade of C.

CS-307. Programming Languages. 3 Hours.

This course provides an introduction to the fundamental concepts of programming languages their structural definition and run time implementation. It equips the students with the tools necessary for the critical evaluation of existing programming languages, and the learning of new ones. In addition, it prepares students for the study of computer design.

Prerequisite: CS-304 (<http://catalog.neiu.edu/search/?P=CS-304>) minimum grade of C or CS-407 minimum grade of C or CS-400 (<http://catalog.neiu.edu/search/?P=CS-400>) minimum grade of C or CS-404 (<http://catalog.neiu.edu/search/?P=CS-404>) minimum grade of C.

CS-308. Operating Systems. 3 Hours.

A general overview of the ideas underlying operating systems. Included are traditional topics such as file systems, CPU scheduling, memory management and device scheduling, along with the topics of more current interest such as deadlock handling, process synchronization and distributed systems. No single operating system is studied; examples are drawn from many sources.

Prerequisites: CS-207 (<http://catalog.neiu.edu/search/?P=CS-207>) minimum grade of C and CS-301 (<http://catalog.neiu.edu/search/?P=CS-301>) minimum grade of C.

CS-309. Compiler Theory. 3 Hours.

Introduction to basic structure and components of a compiler. Finite automata, lexical analysis, regular grammar, context free grammar, top-down and bottom-up parsing techniques.

Prerequisite: CS-304 (<http://catalog.neiu.edu/search/?P=CS-304>) minimum grade of C.

CS-311. Modern Computer Architecture. 3 Hours.

This course is intended for those students who wish to understand the architecture and operation of computer systems. Methods for interconnecting processors, memories and I/O devices are discussed. The addressing modes and instruction techniques for manipulation of more complex data structures such as queues, lists and trees are covered.

Prerequisites: (CS-207 (<http://catalog.neiu.edu/search/?P=CS-207>) minimum grade of C or CS-406 (<http://catalog.neiu.edu/search/?P=CS-406>) minimum grade of C) and CS-301 (<http://catalog.neiu.edu/search/?P=CS-301>) minimum grade of C.

CS-312. Advanced Cobol Programming. 3 Hours.

Advance topics in COBOL Programming, including Report Writer, Table Handling, file processing techniques, Sort Feature, and subprogram linkage. A major programming project will be assigned.

Prerequisites: CS-200 (<http://catalog.neiu.edu/search/?P=CS-200>) minimum grade of C and CS-202 (<http://catalog.neiu.edu/search/?P=CS-202>) minimum grade of C.

CS-313. Quantitative Methods And Computer Use. 3 Hours.

Mathematical and statistical techniques in current natural, physical and social science research with particular emphasis on computer use and research design development.

Prerequisites: CS-207 (<http://catalog.neiu.edu/search/?P=CS-207>) minimum grade of C and MATH-104 minimum grade of C.

CS-314. Independent Study In Computer Science. 3 Hours.

An opportunity for an individual research or applications project under the direction of an advisor knowledgeable in the field of endeavor. The project will be designed by the student and his/her project advisor, and must be approved by the chairperson of the Department of Computer Science before the project itself is undertaken.

CS-315. Modern Database Management. 3 Hours.

Theoretical foundations and state-of-the-art data base management systems. The relational, hierarchical and network approaches to data base management systems and representative systems are described. User interfaces are emphasized.

Prerequisite: CS-207 (<http://catalog.neiu.edu/search/?P=CS-207>) minimum grade of C.

CS-316. Introduction To Systems Analysis. 3 Hours.

Prerequisite: CS-202 (<http://catalog.neiu.edu/search/?P=CS-202>) minimum grade of C.

CS-317. Event-Driven Programming. 3 Hours.

This course serves as an introduction to techniques and tools for the design of graphical user interfaces and event-driven applications. Topics covered include layering, domain logics, form and control basics, custom control, database mapping, and application embedded support. Students will be expected to apply these concepts in programming projects.

Prerequisite: CS-207 (<http://catalog.neiu.edu/search/?P=CS-207>) minimum grade of C.

CS-319. Writing Intensive Program: Fundamentals Of Software Engineering. 3 Hours.

This course serves as an introduction to the life cycle of the software development process. Topics covered include each phase of the cycle, and techniques and paradigms that result in the successful realization of each stage. Students will be expected to apply these concepts in a large-scale project.

Prerequisites: CS-304 (<http://catalog.neiu.edu/search/?P=CS-304>) minimum grade of C and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

CS-320. Object-Oriented Programming. 3 Hours.

This course provides an introduction to Object-Oriented Design (OOD) and Object-Oriented Programming (OOP), which is a highly used contemporary programming paradigm. The three main features of OOD, namely encapsulation, polymorphism and inheritance are discussed. The student must implement these concepts in a project.

Prerequisite: CS-304 (<http://catalog.neiu.edu/search/?P=CS-304>) minimum grade of C.

CS-321. Server Side Web Development. 3 Hours.

This course is an introduction to techniques and tools for designing server side web applications. Topics covered include web application flow, object oriented programming, design of classes, dynamic content, scripting languages, implicit objects and database accessing. Students will be expected to apply these concepts in the development of a website.

Prerequisites: CS-207 (<http://catalog.neiu.edu/search/?P=CS-207>) minimum grade of C and CS-300 (<http://catalog.neiu.edu/search/?P=CS-300>) minimum grade of C.

CS-322. Statistical Computer Program Packages. 3 Hours.

This course provides an in depth study of modern statistical data analysis using as the Binomial and Normal distribution, the Linear Regression model, Analysis of Variance, Nonparametric methods and Computer Random Sampling techniques using MINITAB and GPSS. In addition, students will become experienced in the actual implementation of these statistical models with data sets using such statistical software packages as MINITAB, SPSS, BMDP and SAS.

Prerequisites: CS-200 (<http://catalog.neiu.edu/search/?P=CS-200>) minimum grade of C and MATH-275 (<http://catalog.neiu.edu/search/?P=MATH-275>) minimum grade of C.

CS-323. Cyberlaw. 3 Hours.

This course presents an introduction to the legal issues relating to the use of computers and the Internet. Topics covered include privacy, freedom of speech, intellectual property in cyberspace, encryption and interception of communication, computer crime, professional ethics and codes of conduct and work related ethical and legal issues.

CS-324. Introduction To The Design Of Algorithms. 3 Hours.

Methods for analyzing algorithms are discussed including an introduction to asymptotic notation. Several approaches to designing algorithms are covered using theory, examples and problems. Those approaches include divide-and-conquer, dynamic programming, the greedy approach backtracking and branch-and-bound. Different approaches are applied to the same problem to illuminate the relative advantages.

Prerequisites: CS-201 (<http://catalog.neiu.edu/search/?P=CS-201>) minimum grade of C and CS-304 (<http://catalog.neiu.edu/search/?P=CS-304>) minimum grade of C.

CS-325. Theory Of Computation. 3 Hours.

This course discusses several models of computation, including finite automata, pushdown automata and deterministic and nondeterministic Turing machines. The notions of undecidability, computational complexity, intractability and NP completeness are also discussed. The course is mainly theoretical in nature, but some applications, such as finite state systems and parsing, will be discussed.

Prerequisites: CS-201 (<http://catalog.neiu.edu/search/?P=CS-201>) minimum grade of C and CS-304 (<http://catalog.neiu.edu/search/?P=CS-304>) minimum grade of C or (CS-400 (<http://catalog.neiu.edu/search/?P=CS-400>) minimum grade of C and CS-404 (<http://catalog.neiu.edu/search/?P=CS-404>) minimum grade of C).

CS-326. Numerical Methods Using Fortran Programming. 3 Hours.

An introduction to structured Fortran programming, Computational errors, Solving nonlinear equations, Solving sets of Equations, Determinants and matrix inversions, Interpolating polynomials.

Prerequisite: MATH-106 minimum grade of C or MATH-185 (<http://catalog.neiu.edu/search/?P=MATH-185>) minimum grade of C.

CS-327. Computational Methods In Biology. 3 Hours.

Bioinformatics is the discipline that applies mathematics, statistics, computer science, chemistry, and biology to solving problems in biology using biological data sets. The problems investigated are usually at the molecular level. These problems include sequence alignment, genome assembly, models of evolution and phylogenetic trees, analyzing gene expression data, and gene linkage analysis. One of the most important statistical tools used in bioinformatics is the Bayesian network. This course introduces the techniques used in bioinformatics, in particular Bayesian networks, and provides solutions to several bioinformatics problems.

Prerequisites: (CS-201 (<http://catalog.neiu.edu/search/?P=CS-201>) minimum grade of C or MATH-251 (<http://catalog.neiu.edu/search/?P=MATH-251>) minimum grade of C) and (BIO-100 (<http://catalog.neiu.edu/search/?P=BIO-100>) minimum grade of C or BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C) and CS-200 (<http://catalog.neiu.edu/search/?P=CS-200>) minimum grade of C.

CS-328. Chaos And Computing. 3 Hours.

This course introduces discrete dynamical systems to students having a year of calculus and programming experience. The emphasis is on the sensitivity of future states on initial conditions and bifurcations. Discussions of methods for approximating solutions to problems that cannot be solved analytically and for creating fractal images are included.

Prerequisites: CS-304 (<http://catalog.neiu.edu/search/?P=CS-304>) minimum grade of C and MATH-202 (<http://catalog.neiu.edu/search/?P=MATH-202>) minimum grade of C.

CS-329. Decision Theory. 3 Hours.

This course covers probabilistic networks, influence diagrams, and decision trees, and their application to making decisions in the face of uncertainty. It addresses modeling one-time decisions and also modeling repeatable decisions as done by an expert system. An expert system is a system that makes the judgments and decisions of an expert. Classical examples of expert systems are systems that make financial decisions and ones that perform medical diagnosis. This course will concentrate more of the latter. Methods for building expert systems and for doing inference with them will be covered.

Prerequisites: CS-201 (<http://catalog.neiu.edu/search/?P=CS-201>) minimum grade of C and CS-304 (<http://catalog.neiu.edu/search/?P=CS-304>) minimum grade of C.

CS-330. Telecommunications. 3 Hours.

This course describes the basic principles of modern data communications and presents the techniques and algorithms that deal with data compression, error detection and data encryption. Also, the different kinds of modems are presented and their operation is analyzed. The course finishes with a reference to cellular telephony.

Prerequisite: CS-207 (<http://catalog.neiu.edu/search/?P=CS-207>) minimum grade of C or CS-406 (<http://catalog.neiu.edu/search/?P=CS-406>) minimum grade of C.

CS-331. Computer Networks. 3 Hours.

This course covers concepts in data communications, emphasizing protocols. An overview of all protocol layers will be covered, with emphasis on OSI and TCP/IP.

Prerequisites: CS-207 (<http://catalog.neiu.edu/search/?P=CS-207>) minimum grade of C or CS-406 (<http://catalog.neiu.edu/search/?P=CS-406>) minimum grade of C or (CS-400 (<http://catalog.neiu.edu/search/?P=CS-400>) minimum grade of C and CS-404 (<http://catalog.neiu.edu/search/?P=CS-404>) minimum grade of C).

CS-332. Internet Protocols. 3 Hours.

This course covers concepts related to Internet computer communication models. After the 5-layer Internet model is discussed, the Transmission Control Protocol along with Internet related Protocols (TCP/IP) is presented.

Prerequisite: CS-331 (<http://catalog.neiu.edu/search/?P=CS-331>) minimum grade of C.

CS-333. C Programming. 3 Hours.**CS-334. Open Source Systems. 3 Hours.**

This course is an introduction to the open source domain, including the Linux operating system and other technologies. Topics covered include open source licensing, Linux administration and characteristics of open source applications. Students will be expected to understand the main concepts, and become capable of researching available resources and participating in open source communities.

Prerequisite: CS-308 (<http://catalog.neiu.edu/search/?P=CS-308>) minimum grade of C.

CS-335. Artificial Intelligence. 3 Hours.

This course covers strong artificial intelligence methods, which have resulted in the development of systems that solve open problems in specialized domains. Such methods include 1) AI models based on logical reasoning, in particular decision trees and learning decision trees, rule-based expert systems, semantics nets, and frames; 2) AI models based on probabilistic reasoning, in particular Bayesian networks and learning Bayesian networks, influence diagrams, and class probability trees; and 3) AI models based on emergent intelligence, in particular evolutionary computation and swarm intelligence. Lastly, the course discusses an important endeavor in AI, namely language processing.

Prerequisites: CS-304 (<http://catalog.neiu.edu/search/?P=CS-304>) minimum grade of C or CS-407 minimum grade of C or (CS-400 (<http://catalog.neiu.edu/search/?P=CS-400>) minimum grade of C and CS-404 (<http://catalog.neiu.edu/search/?P=CS-404>) minimum grade of C).

CS-336. History Of Computing. 3 Hours.

This course discusses the history of computing beginning with the earliest computational devices and continuing to current technologies. The history of computing is much more than the study of computers. It also involves the study of how computing is done and approached and how it has evolved over time. This course covers the following aspects of computing history: technology, both hardware and software; business history; and sociological impacts and key turning points. Within those aspects, trends and evolution are covered as well.

CS-338. Science, Women, And Technology. 3 Hours.

This course includes an overview of the women who have made major contributions to computing from Grace Hopper to Ellen Spertus. Furthermore, it provides a life-course analysis of women in computing from an early childhood interest, through university, to graduate school and finally into the work place. This analysis will provide the seed for research topics. Each student will choose a research topic, conduct the research, and present the results to the class.

CS-339. Fundamentals Of Information Technology Project Management. 3 Hours.

An Information System is a well-coordinated collection of technological and human resources that gathers and transforms data into information that enables decision making and process improvement within organizations. Information Technology Project Management is the application of knowledge, skills, tools, and techniques to project activities in order to meet project requirements. This course serves as an introduction to these concepts. Students will be expected to apply these tools and techniques in a group based project.

Prerequisite: CS-324 (<http://catalog.neiu.edu/search/?P=CS-324>) minimum grade of C.

Corequisite: CS-319 (<http://catalog.neiu.edu/search/?P=CS-319>).

CS-340. Fundamentals Of Computer Graphics. 3 Hours.

This course provides a unified introduction to computer graphics and computer vision for students with an interest in imaging or digital visual arts. Topics covered include the fundamentals of display hardware and applications, interactive techniques and color models, 3D viewing pipeline, 3D polygon rendering (clipping, scan conversion, and visibility algorithms), illumination models, transparency, and ray-tracing. The student must write programs using these methodologies.

Prerequisites: CS-304 (<http://catalog.neiu.edu/search/?P=CS-304>) minimum grade of C and MATH-110 minimum grade of C.

CS-341. Parallel Computing And Distributed Systems. 3 Hours.

This course works on the fundamental concepts of building systems that work across multiple computing platforms. The course includes topics of distributed operating systems and network protocols for process communication, synchronization, scheduling, and exception and deadlock resolution; understanding of client-server, web-based collaborative systems; parallel computing; concurrency issues; and API's for distributed application development. Several distributed computing environments are discussed and used in developing experimental projects in a cluster of networked computers. Building systems using cloud-based and service-oriented architectures may also be included.

Prerequisites: CS-308 (<http://catalog.neiu.edu/search/?P=CS-308>) minimum grade of C and CS-304 (<http://catalog.neiu.edu/search/?P=CS-304>) minimum grade of C.

CS-342. Introduction To Human Computer Interaction. 3 Hours.

A good understanding of how a system/device interacts with its users is what differentiates a product that is technically sound from a usable one. HCI is the science that explores these interactions. HCI is at the intersection of many disciplines including cognitive psychology, linguistics, design and engineering. HCI considerations are increasingly cited as key factors in product design. In this course we will explore the science behind HCI and we will put parts of it into practice.

CS-343. Introduction To Natural Language Processing. 3 Hours.

Computers have tried to understand humans since the beginning. Today, with social media, globalization and the widespread use of computing devices the task of understanding is facing new challenges. In this course the students will learn the core techniques used by computers to understand and generate language, as well as state of the art research in the field.

Prerequisite: CS-304 (<http://catalog.neiu.edu/search/?P=CS-304>) minimum grade of C.

CS-344. Introduction To Systems Administration. 3 Hours.

This course covers the fundamentals of managing environments for distributed systems. Topics include aligning systems with business practices; distributed systems methodologies; infrastructure; communication tools; architectures; security; privacy; web development architectures.

Prerequisite: CS-331 (<http://catalog.neiu.edu/search/?P=CS-331>) minimum grade of C.

CS-345. Network Security. 3 Hours.

This course discusses the principles and practice of network security applications and standards that are widely used on the internet and on corporate networks. Topics include cryptographic algorithms and protocols that underlie network security applications, network security tools, system-level security issues including the threat of intruders, virus countermeasures, the use of firewalls and trusted systems, IP security, electronic mail and web security.

Prerequisites: CS-308 (<http://catalog.neiu.edu/search/?P=CS-308>) minimum grade of C or CS-408 (<http://catalog.neiu.edu/search/?P=CS-408>) minimum grade of C or (CS-400 (<http://catalog.neiu.edu/search/?P=CS-400>) minimum grade of C and CS-404 (<http://catalog.neiu.edu/search/?P=CS-404>)).

CS-347. Mobile Application Development. 3 Hours.

This course covers programming applications for mobile platforms. Students will learn about mobile application environments and platforms and how to design and develop applications to account for the limited screen size, memory, and access to the internet. Students will incorporate graphics, networking, security, media to create new, real world, practical applications. Development, design, implementation, testing, debugging, and maintaining these applications will also be covered. Students will use a variety of programming languages to create these applications.

Prerequisites: CS-207 (<http://catalog.neiu.edu/search/?P=CS-207>) minimum grade of C and CS-300 (<http://catalog.neiu.edu/search/?P=CS-300>) minimum grade of C.

CS-350. Advanced Discrete Structures. 3 Hours.

Prerequisites: CS-201 (<http://catalog.neiu.edu/search/?P=CS-201>) minimum grade of C and CS-304 (<http://catalog.neiu.edu/search/?P=CS-304>) minimum grade of C.

CS-355. Cryptography. 3 Hours.

This course covers cryptography and a wide range of cryptographic applications. Theory discussed includes the design and analysis of cryptographic algorithms such as private key and public key cryptosystems used to secure data transmission and electronic system communications. Cryptographic applications such as digital signatures, entity identification, key exchange and e-commerce transactions are discussed.

Prerequisites: CS-324 (<http://catalog.neiu.edu/search/?P=CS-324>) minimum grade of C or CS-404 (<http://catalog.neiu.edu/search/?P=CS-404>) minimum grade of C or (CS-400 (<http://catalog.neiu.edu/search/?P=CS-400>) minimum grade of C and CS-404 (<http://catalog.neiu.edu/search/?P=CS-404>) minimum grade of C).

CS-360. CyberSecurity. 3 Hours.

The basic concepts in computer security as well as the mechanisms located at the heart of a computer system are presented. Topics covered include privacy and personal information, computer crime, legal and ethical issues in computer security, identification and authentication, cryptography, operating system security, network security, World Wide Web security, and database security.

Prerequisite: CS-308 (<http://catalog.neiu.edu/search/?P=CS-308>) minimum grade of C.

CS-361. Secure Programming And Testing. 3 Hours.

This course details how to design, build, and test programs in order to make them more secure. The course will discuss the following topics: concepts of secure programming (including risk management), techniques and tools used to build secure systems, techniques to test for security in programs and systems, specific vulnerabilities to avoid (and how to do so), and how to test for those vulnerabilities. Specific common classes of programming-induced vulnerabilities will be included such as buffer overflows, race conditions, off-by-one errors, integer overflow, and improper use of randomness functions.

Prerequisite: CS-360 (<http://catalog.neiu.edu/search/?P=CS-360>) minimum grade of C.

CS-390. Supervised Field Study I. 3 Hours.

(Internship) The student completes a computer programming project for an institution at the institution site. The institution defines the project which must be approved by the Department of Computer Science for the purpose of satisfying the course requirement. The project should take approximately 168 hours to complete. NOTE: CS-390 (<http://catalog.neiu.edu/search/?P=CS-390>) is repeatable for a maximum of 9 credit hours.

CS-391. Supervised Field Study II. 6 Hours.

(Internship) Same as CS-390 (<http://catalog.neiu.edu/search/?P=CS-390>) except that project should take approximately 336 hours to complete.

CS-392. Supervised Field Study III. 9 Hours.

(Internship) Same as CS-390 (<http://catalog.neiu.edu/search/?P=CS-390>) except that project should take approximately 504 hours to complete.

CS-400. Discrete Modeling And Analysis. 3 Hours.

This course provides necessary tools to develop mathematical maturity through the study of important topics such as combinatorial analysis, discrete structures, algorithmic thinking and mathematical reasoning. Topics include Advanced Enumeration Methods, Recurrence Relations (Equations), Graph Theory, Automata and Formal Languages, Proof Techniques and Probability and Statistics.

Prerequisite: CS-201 (<http://catalog.neiu.edu/search/?P=CS-201>) minimum grade of B or CS-405 (<http://catalog.neiu.edu/search/?P=CS-405>) minimum grade of C.

CS-401. Software Engineering. 3 Hours.

The complete software development process: requirement specification, design, coding, testing and maintenance. Various software engineering methods for the development of large-scale quality software are presented.

Prerequisites: CS-400 (<http://catalog.neiu.edu/search/?P=CS-400>) minimum grade of C and CS-404 (<http://catalog.neiu.edu/search/?P=CS-404>) minimum grade of C.

CS-402. Advanced Systems Programming. 3 Hours.

Study of system programming tools, their use and their construction. Includes the development of an integrated systems programming environment consisting of a processor simulator, an assembler and a loader.

Prerequisites: CS-400 (<http://catalog.neiu.edu/search/?P=CS-400>) minimum grade of C and CS-404 (<http://catalog.neiu.edu/search/?P=CS-404>) minimum grade of C.

CS-403. Authoring Techniques In Computer-Assisted Instruction. 3 Hours.

The study of various concepts associated with computer-aided instruction and authoring. Students will develop software for instructional purposes in their own areas of interest. Languages such as Podium, Visual Basic, HTML, JAVA and LogoWriter can be used.

CS-404. Analysis Of Algorithms. 3 Hours.

This course provides various methodologies to design and analyze algorithms. Topics include incremental, divide-and-conquer, dynamic programming, greedy, backtracking, and branch-and-bound methodologies. Additional topics include sorting and searching algorithms, and computational complexity and Intractability.

Prerequisite: CS-304 (<http://catalog.neiu.edu/search/?P=CS-304>) minimum grade of B or CS-407 minimum grade of C.

Corequisite: CS-400 (<http://catalog.neiu.edu/search/?P=CS-400>).

CS-405. Applied Discrete Structures. 3 Hours.

Applied Discrete Structures provides necessary elements of discrete structures to study computer science at our graduate level. Topics include Logic and Proofs, Set Theory, Number Theory, Combinatorics, Probability, Relations and Functions Boolean Algebra and Matrices. (Background course; not for credit toward M.S. degree.)

Prerequisite: MATH-106 minimum grade of C or MATH-185 (<http://catalog.neiu.edu/search/?P=MATH-185>) minimum grade of C.

CS-406. Object Oriented Development. 3 Hours.

This course covers the principles of computer programming using an object oriented programming language. Students will get extensive programming experience in designing algorithms and implementing programs that use the fundamental constructs of an OOP language in many application areas. (Background course; not for credit toward M.S. degree.).

Prerequisite: MATH-106 minimum grade of C or MATH-185 (<http://catalog.neiu.edu/search/?P=MATH-185>) minimum grade of C.

CS-408. Advanced Operating Systems. 3 Hours.

Advanced operating system design and construction concepts such as memory, processor, process and secondary device management, synchronization and communication, security and protection, system performance and evaluation, network, distributed and fault-tolerant systems. Study of operating systems highlighting these concepts.

Prerequisites: CS-400 (<http://catalog.neiu.edu/search/?P=CS-400>) minimum grade of C and CS-404 (<http://catalog.neiu.edu/search/?P=CS-404>) minimum grade of C.

CS-409. Topics In Compiler Theory. 3 Hours.

This course describes the procedures used to develop a compiler for a high level language. First a simple high level language is defined and a simple program is written using this language. Then the concepts of a scanner and a parser are presented and students write the software for a scanner and a parser. Gradually, software for all phases of a compiler is developed and by the end of the semester, every student has developed a compiler that can produce assembly code for a microprocessor for a program written in a predefined simple high level language.

Prerequisites: CS-400 (<http://catalog.neiu.edu/search/?P=CS-400>) minimum grade of C and CS-404 (<http://catalog.neiu.edu/search/?P=CS-404>) minimum grade of C.

CS-410S. Special Topics In Computer Science:Advanced Software Engineering. 3 Hours.

Prerequisite: CS-401 (<http://catalog.neiu.edu/search/?P=CS-401>) minimum grade of C.

CS-411. Professional Computing. 3 Hours.

This course provides a study of the technical communication skills needed for a successful career in the field of Information Technology. This course, therefore, is designed to enhance the student's technical research, writing, and presentation skills. Topics include methods for gathering information, writing good documentation, rendering technical information usable to the intended audience, using proper editing techniques, using rhetoric aspects that are applicable to technical communications, and using appropriate types of presentation delivery. To enhance these skills, class activities will include writing a formal project proposal, writing an abstract, making a formal project presentation, and writing a formal analysis report.

CS-412. Web Application Development. 3 Hours.

This course serves as an introduction to different techniques and tools for the design of web applications. Topics covered include web applications flow, object oriented programming, design of classes, dynamic content, scripting languages, implicit objects, and database accessing. Students will be expected to understand and apply these concepts into the generation of sample websites.

Prerequisites: CS-400 (<http://catalog.neiu.edu/search/?P=CS-400>) minimum grade of C and CS-404 (<http://catalog.neiu.edu/search/?P=CS-404>) minimum grade of C.

CS-413. IT Project Management. 3 Hours.

IT Project Management is the discipline that applies management principles to the development of information systems projects. It uses techniques developed by Industrial Engineers and used by other engineers and business managers to bring in projects within time and budget. This course supplements Software Engineering by focusing on the management aspects of investing in the development of information systems. Required: CS-401 (<http://catalog.neiu.edu/search/?P=CS-401>) or can be taken concurrently.

Prerequisites: CS-400 (<http://catalog.neiu.edu/search/?P=CS-400>) minimum grade of C and CS-404 (<http://catalog.neiu.edu/search/?P=CS-404>) minimum grade of C.

Corequisite: CS-401 (<http://catalog.neiu.edu/search/?P=CS-401>).

CS-414. Independent Study. 3 Hours.

An opportunity for advanced study under the direction of an advisor knowledgeable in the field. The area of study will be selected by the student and his/her advisor, and must be approved by the department chair.

Prerequisites: CS-402 (<http://catalog.neiu.edu/search/?P=CS-402>) minimum grade of C and CS-409 (<http://catalog.neiu.edu/search/?P=CS-409>) minimum grade of C.

CS-415. Design Of Data Base Systems. 3 Hours.

This course covers various concepts associated with design and construction of data base systems. Topics include data base architecture, relational model, relational languages (SQL), normalization theory, Entity-Relationship theory and physical data base design. Students will develop a simple data base system.

Prerequisites: CS-400 (<http://catalog.neiu.edu/search/?P=CS-400>) minimum grade of C and CS-404 (<http://catalog.neiu.edu/search/?P=CS-404>) minimum grade of C.

CS-416. AI And Robotics. 3 Hours.

This course serves as an introduction to aspects of Artificial Intelligence applied to the robotics field. Students will learn different techniques to approach problems using simple robotics. Students will be expected to understand the main concepts, research for available resources, and participate in projects where these concepts will be applied.

Prerequisites: CS-400 (<http://catalog.neiu.edu/search/?P=CS-400>) minimum grade of C and CS-404 (<http://catalog.neiu.edu/search/?P=CS-404>) minimum grade of C.

CS-417. Video Game Programming. 3 Hours.

The aim of this course is to explore the basics game programming and the gaming industry, including elements of computer graphics and computer vision as well as advanced stereoscopic computer applications. Following the nature of computer/video games development as a team effort, for this course, we shall design and implement one large class project for game prototype as a team.

Prerequisites: CS-400 (<http://catalog.neiu.edu/search/?P=CS-400>) minimum grade of C and CS-404 (<http://catalog.neiu.edu/search/?P=CS-404>) minimum grade of C.

CS-418. Research Topics In Artificial Intelligence. 3 Hours.

This course covers current research topics in artificial intelligence (AI) theory and applications. Topics will vary from semester to semester, and will include a detailed study of one or more of the following: the application of Bayesian networks and other machine learning methodologies to artificial intelligence; the use of decision theory to model intelligent agent behavior; genetic algorithms and programming; evolutionary strategies; multi-agent systems and models; hybrid heuristics and non-deterministic optimization algorithms.

Prerequisites: CS-201 (<http://catalog.neiu.edu/search/?P=CS-201>) minimum grade of C and CS-304 (<http://catalog.neiu.edu/search/?P=CS-304>) minimum grade of C.

CS-419. Informatics. 3 Hours.

Information is the discipline that applies the methodologies of science and engineering to information. It concerns organizing data into information, learning knowledge from information, learning new information from knowledge and making decisions based on the knowledge and information learned. This course concerns computational methods for analyzing data and processing information in applications to business decisions.

Prerequisites: CS-400 (<http://catalog.neiu.edu/search/?P=CS-400>) minimum grade of C and CS-404 (<http://catalog.neiu.edu/search/?P=CS-404>) minimum grade of C.

CS-420. Object-Oriented Design. 3 Hours.

This course provides student with a solid foundation in object oriented design (OOD) and programming (OOP), a contemporary and highly used programming paradigm. OOD involves the presentation of three main concepts: encapsulation, polymorphism, and inheritance. These concepts and implementation techniques are presented in an object oriented programming language and students become experienced in OOD projects.

Prerequisites: CS-400 (<http://catalog.neiu.edu/search/?P=CS-400>) minimum grade of C and CS-404 (<http://catalog.neiu.edu/search/?P=CS-404>) minimum grade of C.

CS-423. Enterprise Architecture & IT Strategy. 3 Hours.

Enterprise Architecture (EA) is the process of translating organizational vision strategy into effective agile business processes that utilize integrated management information systems. These systems allow for; timely decision making, speed to market for competitive advantage or to create a significant barrier to entry. This course studies organizational strategy and its interrelationship importance with major supporting business systems. The student will gain an understanding of Enterprise Resource Planning (ERP), Product Lifecycle Management (PLM), Customer Relationship Management (CRM), Business Intelligence, Ecommerce systems and how the use selection of these systems are critical to an overall IT Strategy.

Prerequisite: CS-413 (<http://catalog.neiu.edu/search/?P=CS-413>) minimum grade of C.

CS-426. Advanced Numerical Methods. 3 Hours.

This course covers the elements of the design and analysis of numerical methods. Topics include errors in numerical methods, floating-point and interval arithmetic, measuring and efficiency of numerical methods, interpolation and curve fitting, numerical differentiation, numerical integration, and numerical optimization.

Prerequisites: CS-200 (<http://catalog.neiu.edu/search/?P=CS-200>) minimum grade of C and MATH-303 (<http://catalog.neiu.edu/search/?P=MATH-303>) minimum grade of C.

CS-430. Queuing Theory In Communication Networks. 3 Hours.

Queueing Systems, birth and death models, Markovian queues, the M/G/1 model, Erlang's equations, models of computer and telecommunication systems.

Prerequisite: CS-304 (<http://catalog.neiu.edu/search/?P=CS-304>) minimum grade of C or CS-407 minimum grade of C.

CS-431. Digital Telephony. 3 Hours.

Advantages over analog telephony, voice digitalization, digital transmission and multiplexing, switching, networks (synchronization, control, and management), traffic analysis, terrestrial vs. satellite.

Prerequisites: (CS-304 (<http://catalog.neiu.edu/search/?P=CS-304>) minimum grade of C and CS-330 (<http://catalog.neiu.edu/search/?P=CS-330>) minimum grade of C) or CS-407 minimum grade of C.

CS-435. Expert Systems. 3 Hours.

An expert system is a program that is capable of making the judgements and decisions of an expert. An example of an expert system is a program that does medical diagnosis. This course covers methods for designing expert systems and for reasoning using expert systems.

Prerequisites: CS-400 (<http://catalog.neiu.edu/search/?P=CS-400>) minimum grade of C and CS-404 (<http://catalog.neiu.edu/search/?P=CS-404>) minimum grade of C.

CS-440. Computer Graphics. 3 Hours.

Graphics hardware. Scaling and data charting. Representation of two-dimensional objects. Translation and rotation of objects. Two-dimensional line clipping. Three-dimensional object representation. Perspective in three-dimensional object representation. Line-clipping and hidden line and face removal in three dimensions.

Prerequisites: CS-400 (<http://catalog.neiu.edu/search/?P=CS-400>) minimum grade of C and CS-404 (<http://catalog.neiu.edu/search/?P=CS-404>) minimum grade of C.

CS-442. Topics In Network Design. 3 Hours.

Protocols for computer networks. Performance requirements, evaluation and analysis. Case studies of actual networks.

CS-450. Advanced Computer Architecture. 3 Hours.

Computer system structure and design issues such as ALU design, arithmetic algorithms, memory hierarchy, control, microprogramming, instruction sets, addressing, input-output. Comparison of specific examples of computer models and selected topics on parallel processors.

Prerequisites: (CS-301 (<http://catalog.neiu.edu/search/?P=CS-301>) minimum grade of C and CS-308 (<http://catalog.neiu.edu/search/?P=CS-308>) minimum grade of C and CS-311 (<http://catalog.neiu.edu/search/?P=CS-311>) minimum grade of C) or CS-408 (<http://catalog.neiu.edu/search/?P=CS-408>) minimum grade of C.

CS-460. Computer Security. 3 Hours.

Study of existing hardware and software techniques for implementing security. Passwords, encryption and authorization schemes. Special security problems presented by distributed and network environments.

Prerequisites: CS-400 (<http://catalog.neiu.edu/search/?P=CS-400>) minimum grade of C and CS-404 (<http://catalog.neiu.edu/search/?P=CS-404>) minimum grade of C.

CS-470. Pattern Recognition. 3 Hours.

Statistical and semantical methods of pattern recognition. Image processing with industrial and commercial applications. Application to sound and visual identification problems.

Prerequisite: CS-409 (<http://catalog.neiu.edu/search/?P=CS-409>) minimum grade of C.

CS-490. Master's Project. 3 Hours.

Large scale software project and associated documentation. Topic for the project is chosen in conjunction with a project advisor. Master's Project requires the approval of the instructor, the Department Chair, and the appropriate College Dean.

CS-5901. Thesis Hours. 1 Hour.

Student conducts and writes a thesis in Computer Science. This is an alternative to CS-490 (<http://catalog.neiu.edu/search/?P=CS-490>) for those who want to pursue a more ambitious project. Master's Thesis requires the approval of the instructor, the Department Chair, and the appropriate College Dean.

CS-5902. Thesis Hours. 2 Hours.

See course description for CS-5901 (<http://catalog.neiu.edu/search/?P=CS-5901>).

CS-5903. Thesis Hours. 3 Hours.

See course description for CS-5901 (<http://catalog.neiu.edu/search/?P=CS-5901>).

Counselor Education (COUN)

Courses

COUN-401. Professional Orientation & Legal/Ethical Practices. 3 Hours.

This course offers an orientation to the counseling profession, including professional identity issues and the professional career options. Students will study the history of the profession, ethical and legal standards and practices, credentialing, professional organizations, functions of a counselor, and professional journals. Students will also be oriented to skills required for multicultural counseling competency.

COUN-402. Developmental Counseling. 3 Hours.

Course focuses on the concept of developmentally oriented counseling. It is based upon lifespan theory which makes the assumption that there is developmental logic to behavior. Counselors learn to assess and understand the client's developmental processes and provide appropriate helping strategies for clients working through developmental blocks. Students study developmental theories, concepts and principles, including psychosocial, cognitive, moral, emotional, family, career, self and cultural development.

COUN-403. Theories Of Counseling. 3 Hours.

Focuses on various theories of counseling and their associated techniques. Students study a range of theories and their application in various professional settings and are required to synthesize their own approach. This course contributes to the theoretical foundations of the helping relationships component of the program and is required of all students.

COUN-404. Assessment And Evaluation In Counseling. 3 Hours.

Principles of test construction, basic statistical concepts, study of commonly used standardized tests and other evaluative procedures. Interpretations of test data are an integral part of this course.

COUN-405. Individual Counseling Skills. 3 Hours.

A laboratory course providing competency-building experiences to prepare counselors for helping relationships. Supervised counseling of fellow students and outside clients is required. Both a knowledge base and a skill base are developed. In all aspects of this course, confidentiality and ethical behavior are stressed. The course contributes to the helping relationships component of the program and is required of all students.

Prerequisites: (COUN-401 (<http://catalog.neiu.edu/search/?P=COUN-401>) minimum grade of C or COUN-433 (<http://catalog.neiu.edu/search/?P=COUN-433>) minimum grade of C) and COUN-403 (<http://catalog.neiu.edu/search/?P=COUN-403>) minimum grade of C.

COUN-406. Group Counseling. 3 Hours.

Course focuses on groups and group leadership. Knowledge base includes theory, group processes, group dynamics, interventions, roles of members and leaders, facilitative and debilitative behaviors, characteristics of developmental stages, ethics and therapeutic ingredients of group work. Experiential group activities develop self-awareness, interpersonal skills and leadership ability. Confidentiality and ethical behavior are stressed. Course contributes to the helping relationships and group work components of the program and is required of all students.

Prerequisite: COUN-405 (<http://catalog.neiu.edu/search/?P=COUN-405>) minimum grade of B.

COUN-407. Mental Health Counseling. 3 Hours.

This course introduces students to the primary settings in which mental health counselors provide services. It critically evaluates the legal, ethical, social, professional, organizational, research, and contextual realities that shape and direct the mental health field. The changing service delivery, the impact of managed cares, and the comprehensive mental health counseling model will be explored. This course is designed to enhance student understanding of the contextual complexity of mental health and "mental illness," aiming to encourage students to critically evaluate the field and to understand the importance of preserving the resiliency of the clinicians to prevent burnout.

Prerequisite: COUN-403 (<http://catalog.neiu.edu/search/?P=COUN-403>) minimum grade of C.

COUN-408. Research Seminar. 3 Hours.

Introduces students to the nature of scientific research, with particular reference to the research methods and statistical treatments that are appropriate to the study of problems and issues related to professional counseling. Students demonstrate their critical understanding by designing a research proposal. Course contributes to the research and evaluation component of the program and is required of all students.

Prerequisite: COUN-404 (<http://catalog.neiu.edu/search/?P=COUN-404>) minimum grade of C.

COUN-409. Career Development. 3 Hours.

This introductory course provides an overview of the field of career development with applications appropriate to the student's sequence. The focus is on career development theories; occupational and educational information; career and leisure counseling; lifestyle and career decision making; and program planning and evaluation. A whole life perspective facilitates the personal, social and career development of children, adolescents and adults. This course contributes to the lifestyle and career development component of the program. Required of all student in the Counselor Education Program.

COUN-410. Seminar In School Counseling. 3 Hours.

This course provides an overview of the field of school counseling in elementary, middle and secondary schools. Emphasis is on the role of the school counselor as well as an examination of the history and current trends in school counseling programs and services. The developmental school counseling model offers a foundation for understanding various interventions, including individual and group counseling, crisis intervention, consultation, appraisal and coordination of counseling services. Required of all students in the School Counseling Sequence.

COUN-411. Post Secondary College & Career Counseling. 3 Hours.

This course is intended to provide students, who have an interest in working at the high school level, with specialized information about college search, admissions, and financial aid processes. This course will provide an overview of the field of college counseling and the basics of the college admission and selection process. It will emphasize the role of the school counselor in providing information, assistance, and support in the students' and families' decision-making.

COUN-414. Advanced Career Counseling. 3 Hours.

Advanced Career Counseling provides students with an in-depth laboratory experience in career counseling which will require them to integrate their knowledge of career and counseling theories, individual counseling skills, evaluation techniques and skills related to the job search process. Students will be required to formulate, present and write an in-depth client case study. This course is required of all students in the career development sequence.

Prerequisite: COUN-409 (<http://catalog.neiu.edu/search/?P=COUN-409>) minimum grade of C.

COUN-415. Children And Youth In School And Family Systems. 3 Hours.

A study of children and youth and their systems. Assessment and Counseling techniques will be addressed. A comparison between the medically modeled view and the systematic view will be presented. Students will interview a child and his/her family as well as an older youth and their family.

Prerequisite: COUN-420 (<http://catalog.neiu.edu/search/?P=COUN-420>) minimum grade of C.

COUN-420. Introduction To Family Counseling. 3 Hours.

Course focuses on major theories and techniques of family counseling. Lectures, student research and role playing are utilized as presentation forms.

Prerequisites: (COUN-401 (<http://catalog.neiu.edu/search/?P=COUN-401>) minimum grade of C or COUN-433 (<http://catalog.neiu.edu/search/?P=COUN-433>) minimum grade of C) and COUN-403 (<http://catalog.neiu.edu/search/?P=COUN-403>) minimum grade of C.

COUN-421. Advanced Marriage And Family Counseling. 3 Hours.

An advanced experience in Marriage and Family counseling. Focuses on developing a personal model of counseling and experiencing the total therapeutic process. Diagnostic skills, case analysis and relationship strategies are emphasized.

Prerequisite: COUN-420 (<http://catalog.neiu.edu/search/?P=COUN-420>) minimum grade of C.

COUN-422. Grief Counseling. 3 Hours.

An overview of contemporary attitudes regarding loss and death and their implications for the counselor's personal reaction to death related events. Students gain expertise with the grieving process and the physical and emotional consequences associated with maladaptive grief. Specific issues raised by different types of loss will also be discussed. Crisis intervention skills, counseling techniques and community mutual aid efforts to facilitate a healthy grieving process are presented.

Prerequisites: (COUN-401 (<http://catalog.neiu.edu/search/?P=COUN-401>) minimum grade of C or COUN-433 (<http://catalog.neiu.edu/search/?P=COUN-433>) minimum grade of C) and COUN-403 (<http://catalog.neiu.edu/search/?P=COUN-403>) minimum grade of C.

COUN-423. Counseling For Business And Industry. 3 Hours.

This course is designed for students in the Career Development Sequence. Focuses on the counseling needs in business and industry. The course builds on the work done in COUN-414 (<http://catalog.neiu.edu/search/?P=COUN-414>) Advanced Career Counseling, with the emphasis on the career counseling needs of the adult worker. Course is of value to students seeking careers in the business world, community colleges and vocational agencies.

Prerequisite: COUN-409 (<http://catalog.neiu.edu/search/?P=COUN-409>) minimum grade of C.

COUN-424. Stress Management. 3 Hours.

Course is for counselors serving clients in a variety of settings. Its holistic focus is on stress and burnout from proactive and reactive perspectives. Student learning activities are didactic and experiential. Each student will design, implement and evaluate a personal stress management program appropriate to his/her own needs and resources. Students participate in research, laboratory and support group activities dealing with aspects of stress management.

Prerequisite: COUN-401 (<http://catalog.neiu.edu/search/?P=COUN-401>) minimum grade of C or COUN-433 (<http://catalog.neiu.edu/search/?P=COUN-433>) minimum grade of C.

COUN-425. Addictions Counseling. 3 Hours.

This course focuses primarily on the work of counselors who deal with psychoactive substance use, abuse and dependence among clients. The course is presented in three modules: 1) a contextual understanding of substance addiction including the pharmacological, socioeconomic and psychological aspects of addiction; 2) screening, assessment, treatment planning, referral and counseling, interventions; and 3) specialty addiction areas such as gambling, sexual, food, and relationship addictions. An overview of current best practices in counseling is presented such as motivational interviewing and cognitive/behavioral approaches.

Prerequisites: (COUN-401 (<http://catalog.neiu.edu/search/?P=COUN-401>) minimum grade of C or COUN-433 (<http://catalog.neiu.edu/search/?P=COUN-433>) minimum grade of C) and COUN-403 (<http://catalog.neiu.edu/search/?P=COUN-403>) minimum grade of C.

COUN-426. Advanced Counseling For Chemical Dependency. 3 Hours.

Participation in various aspects of a treatment program, including admission interviews, evaluation of patients, short and long range planning with patients, dealing with denial and relapse through counseling. A needs assessment among class members will determine part of this course.

Prerequisite: COUN-425 (<http://catalog.neiu.edu/search/?P=COUN-425>) minimum grade of C.

COUN-427. Diagnostic Systems For Counseling. 3 Hours.

This course acquaints counselors with descriptive, research-based and clinical knowledge that contributes to the diagnosis and treatment of mental disorders, including disorders of behavior and impulse control, mood and anxiety as well as the various personality disorders and disorders involving loss of contact with reality. Students study the current Diagnostic and Statistical Manual of Mental Disorders of the American Psychiatric Assn. and the ways the manual is used in clinical practice.

COUN-428. Advanced Individual Counseling:Case Conceptualization. 3 Hours.

Provides students with opportunity to work with a single client over a ten-week period, using integrative conceptualization and counseling models as a basis for on-going assessment and planning. Small group settings focus on diagnosis and treatment planning within the context of legal and ethical guidelines and with reference to the current Diagnostic and Statistical Manual of Mental Disorders of the American Psychiatric Association. Requirements include preparation and presentation of a professional disclosure statement and a clinical study.

COUN-429. Psychopharmacology. 3 Hours.

This is an introductory course to psychopharmacology for non-medical, helping professionals. Students will be informed about the pharmacological aspects of addiction, psychotherapeutic medications and drugs of abuse. Emphasis is placed on the basic principles of pharmacology, the effects of drugs on the human central and peripheral nervous systems; and psychoactive drug effects and side effects. It is also designed to provide an overview of pharmacological classification systems and pharmacological interventions for psychiatric disorders. It will address benefits and side effects, trends and physiological principles as well as medical and pharmacological lexicon.

COUN-430. Social & Cultural Diversity In Counseling. 3 Hours.

Students will be introduced to the training model for multicultural competency, which includes awareness of cultural assumptions, knowledge of cultural diversity and racial/ethnic issues, and skills for social and cultural diversity counseling. Students will gain understanding of the impact of their own cultural identity on behavior, functioning, and the therapeutic relationship. Skills for successful social and cultural diversity counseling will be taught, including assessment of cultural identity and worldview, acculturation, spirituality, gender, socioeconomic status, and oppression.

COUN-431. Couple And Family Systems Study. 3 Hours.

An in-depth look at family systems, including a family's developmental and life cycles. Attention will be given to various contemporary family structures with a focus on family assessment of contemporary problems such as substance abuse, domestic violence and sexual dysfunction. Comparison of a systemic view and the traditional medically modeled psychological and psychiatric view will be addressed. Students will also study the assessment of families through the use of standardized instruments.

COUN-432. Counseling Couples. 3 Hours.

This course will provide students with knowledge and understanding of principal theoretical frameworks and the existing clinical approaches to counseling couples derived from the theoretical frameworks. The course will also expose students to a variety of clinical issues a counselor is most likely to encounter in clinical work with couples.

Prerequisite: COUN-420 (<http://catalog.neiu.edu/search/?P=COUN-420>) minimum grade of C.

COUN-433. Foundation Of Rehabilitation Counseling. 3 Hours.

This course will provide students with the foundations of rehabilitation and the rehabilitation counseling profession. The course will introduce students to relevant aspects of rehabilitation history, philosophy, values and practice, with an emphasis on the operational aspects of the rehabilitation service delivery system. The course will examine current issues, community resources, services and the vocational rehabilitation process.

COUN-434. Medical & Psychosocial Aspects Of Disability. 3 Hours.

Involves study of medical information on a wide range of disabilities from systems perspective. The psychological, social and vocational implications of the experience of the various disorders will be integrated into the course. Medical terminology, medical specialty practices and health care systems providing diagnosis, treatment, restorative services, or therapy to individuals with disabilities will be discussed. The course, nature, etiology, effects and prognosis of physical, sensory, mental, neurological, developmental and other disability/disease processes will be covered. Case studies of system-related disabilities will be presented with emphasis on understanding the psychosocial, functional and vocational implications of disease, congenital and adventitious disability.

COUN-435. Work & Disability. 3 Hours.

This course involves both didactic and experiential modes of instruction enabling students to build competencies in the career development and job placement of persons with disabilities. Students will learn the procedures in developing effective job development and placement strategies and obtain knowledge of labor market trends, employment law, and vocational issues surrounding the acquisition and maintenance of competitive employment in today's society. Specific emphasis will be placed on the unique challenges faced by people from non-majority and traditionally underserved groups.

Prerequisite: COUN-433 (<http://catalog.neiu.edu/search/?P=COUN-433>) minimum grade of C.

COUN-436. Case Management In Rehabilitation Counseling. 3 Hours.

The course is intended to be a capstone experience whereby the rehabilitation counselor-in-training applies principles, skills and knowledge to simulated case examples. Topics include: the goals and models of case management in rehabilitation; client/consumer interviewing and assessment; planning for appropriate and effective intervention strategies, services and benefits included in a rehabilitation plan; plan monitoring and evaluation; and job placement, closure and follow-up. Various models of case management will be presented with a primary focus on the State-Federal Vocational Rehabilitation model.

Prerequisites: COUN-433 (<http://catalog.neiu.edu/search/?P=COUN-433>) minimum grade of C and COUN-434 (<http://catalog.neiu.edu/search/?P=COUN-434>) minimum grade of C and COUN-435 (<http://catalog.neiu.edu/search/?P=COUN-435>) minimum grade of C.

COUN-437. Introduction To Integrative Expressive Techniques. 3 Hours.

The purpose of this course is to introduce integrative expressive therapies into counseling practice. The course covers 10 commonly used counseling frameworks with expressive art interventions. Adlerian therapy, Narrative therapy, Person-Centered therapy, and other forms of therapy will be discussed in relation to expressive arts techniques. The course will be primarily experiential in which students will experience different expressive arts.

COUN-438. Trauma And Crisis Counseling. 3 Hours.

This course provides the counseling student with an introduction to research, theory, and practices within the field of trauma and crisis diagnosis, assessment and intervention. The course will cover the historical evolution of the field; biopsychosocial underpinnings of trauma and trauma spectrum disorders; issues in diagnosis, assessment, and intervention from a culturally diverse and systemic framework; and a synthesis of best practices as they are currently evolving.

Prerequisites: COUN-405 (<http://catalog.neiu.edu/search/?P=COUN-405>) minimum grade of B and COUN-427 (<http://catalog.neiu.edu/search/?P=COUN-427>) minimum grade of C.

COUN-439. Case Conceptualization & Treatment Planning. 3 Hours.

This course will focus on using integrative conceptualization and counseling models and a basis for on-going assessment (clinical understanding of the client), diagnosis (identification and labeling of a problem), and treatment planning (interventions and strategies) to help clients make changes and improve their coping and resiliency. The course builds on the knowledge of theories of counseling (COUN-403 (<http://catalog.neiu.edu/search/?P=COUN-403>)) and diagnosis of mental disorders with the current, Diagnostic and Statistical Manual of Mental Disorders of the American Psychiatric Association (COUN-427 (<http://catalog.neiu.edu/search/?P=COUN-427>)).

Prerequisites: COUN-405 (<http://catalog.neiu.edu/search/?P=COUN-405>) minimum grade of B and COUN-427 (<http://catalog.neiu.edu/search/?P=COUN-427>) minimum grade of C.

COUN-442. Practicum I:Group Supervision In School Counseling. 3 Hours.

Course focuses on the integration of counseling skills and conceptual frameworks to create strategies to assist children in the areas of personal, social, education and career development. Clinical Experiences in School Counseling, in which strategies are applied in supervised counseling sessions with individuals and groups. This course contributes to the counseling proficiency component of the program. Required of all students enrolled in the school sequence.

Prerequisite: COUN-409 (<http://catalog.neiu.edu/search/?P=COUN-409>) minimum grade of C.

COUN-444. Practicum: Ethical/Legal Issues In Mental Health Counseling. 3 Hours.

Course focuses on group supervision of clinical experiences and diagnostic and planning procedures within the context of legal and ethical guidelines of the Diagnostic and Statistical Manual of Mental Disorders of the American Psychiatric Association. Presentation of a professional disclosure statement and a clinical case study are required. Course contributes to the counseling proficiency component of the program.

Prerequisite: COUN-409 (<http://catalog.neiu.edu/search/?P=COUN-409>) minimum grade of C.

COUN-445. Practicum I:Group Supervision In Couple And Family Counseling. 3 Hours.

Practicum I focuses on group supervision of the clinical experiences as well as on assessment and planning procedures for counselors within the context of legal and ethical guidelines. A review of major theories and Couple/ Marriage Family techniques are applied to case material generated from the field experience of Practicum I. This course contributes to the counseling proficiency component of the program and is required of all students in the family counseling program.

COUN-446. Practicum In Rehabilitation Counseling. 3 Hours.

Students will apply rehabilitation counseling knowledge and skills introduced in previous courses. The purpose of the course is to enhance basic rehabilitation counseling skills including interviewing, listening skills, assessment, documentation and case recording, referral and follow-up services. There will be periodic and direct communications throughout the semester between the site supervisor and the faculty through site visits, conference calls, electronic communications and either video-taping or audio-recording of individual counseling sessions between the student and client.

Prerequisites: COUN-402 (<http://catalog.neiu.edu/search/?P=COUN-402>) minimum grade of C and COUN-403 (<http://catalog.neiu.edu/search/?P=COUN-403>) minimum grade of C and COUN-404 (<http://catalog.neiu.edu/search/?P=COUN-404>) minimum grade of C and COUN-405 (<http://catalog.neiu.edu/search/?P=COUN-405>) minimum grade of B and COUN-406 (<http://catalog.neiu.edu/search/?P=COUN-406>) minimum grade of B and COUN-409 (<http://catalog.neiu.edu/search/?P=COUN-409>) minimum grade of C and COUN-433 (<http://catalog.neiu.edu/search/?P=COUN-433>) minimum grade of C and COUN-434 (<http://catalog.neiu.edu/search/?P=COUN-434>) minimum grade of C and COUN-435 (<http://catalog.neiu.edu/search/?P=COUN-435>) minimum grade of C and COUN-436 (<http://catalog.neiu.edu/search/?P=COUN-436>) minimum grade of C.

COUN-462. Internship I:School Counseling. 3 Hours.

First of two supervised internship courses required for the school counseling sequence. Focus is on the implementation of the role of the school counselor in school settings. Interns work under the supervision of a site supervisor and a university faculty person. The course will require the intern to complete 300 hours of field related activities and participate in an on-campus seminar every other week.

Prerequisite: COUN-442 (<http://catalog.neiu.edu/search/?P=COUN-442>) minimum grade of B.

COUN-463. Internship I:Rehabilitation Counseling. 3 Hours.

Students will apply rehabilitation counseling knowledge and skills introduced in previous courses through classroom-based activities and supervision provided by university-based certified rehabilitation counselor. The purpose of the course is to enhance basic rehabilitation counseling skills through Socratic, individualized and group supervision including interviewing, listening skills, ethical/professional issues, case studies, community resource reports, assessment, documentation and case recording, referral and follow-up services in actual community-based settings serving persons with disability.

Prerequisite: COUN-446 (<http://catalog.neiu.edu/search/?P=COUN-446>) minimum grade of B.

COUN-464. Internship I: Mental Health Counseling. 3 Hours.

This course is the first of two supervised internship courses required for the Mental Health Counseling sequence that focuses on the role of the counselor in a mental health service program, family guidance clinic, mental health center, hospital, substance abuse treatment program, aging center or court services setting. Supervision provided by a site supervisor and a counselor education staff person. This course requires 300 hours of field-related activities, including participation in an on-campus seminar every other week. Prerequisite: COUN-444 (<http://catalog.neiu.edu/search/?P=COUN-444>) and departmental approval.

Prerequisite: COUN-444 (<http://catalog.neiu.edu/search/?P=COUN-444>) minimum grade of B.

COUN-465. Internship I: Group Supervision In Couple And Family Counseling. 3 Hours.

This is the first of the supervised internship courses required for the family counseling program sequence. The focus of this course is on the implementation of the role of the family counselor in a community agency, family guidance clinic, community mental health center, hospital, substance abuse treatment program, aging center or court services setting. Interns will be working under the supervision of a site supervisor and a counselor education faculty person. The course will require the intern to complete 300 hours of field-related activities, including participation in an on-campus seminar every other week.

Prerequisites: COUN-445 (<http://catalog.neiu.edu/search/?P=COUN-445>) minimum grade of B and COUN-401 (<http://catalog.neiu.edu/search/?P=COUN-401>) minimum grade of C and COUN-402 (<http://catalog.neiu.edu/search/?P=COUN-402>) minimum grade of C and COUN-403 (<http://catalog.neiu.edu/search/?P=COUN-403>) minimum grade of C and COUN-404 (<http://catalog.neiu.edu/search/?P=COUN-404>) minimum grade of C and COUN-405 (<http://catalog.neiu.edu/search/?P=COUN-405>) minimum grade of B and COUN-406 (<http://catalog.neiu.edu/search/?P=COUN-406>) minimum grade of B and COUN-409 (<http://catalog.neiu.edu/search/?P=COUN-409>) minimum grade of C and COUN-415 (<http://catalog.neiu.edu/search/?P=COUN-415>) minimum grade of C and COUN-420 (<http://catalog.neiu.edu/search/?P=COUN-420>) minimum grade of C and COUN-421 (<http://catalog.neiu.edu/search/?P=COUN-421>) minimum grade of C and COUN-427 (<http://catalog.neiu.edu/search/?P=COUN-427>) minimum grade of C and COUN-430 (<http://catalog.neiu.edu/search/?P=COUN-430>) minimum grade of C.

COUN-466. Independent Study In Guidance And Personnel Work. 3 Hours.

Intensive guided study in selected areas of guidance and personnel work. Consultation with instructor prior to registration is mandatory.

COUN-468H. Seminar In Counseling: Student Personnel Work In Higher Education. 3 Hours.**COUN-469. Independent Study In Guidance And Personnel Work. 1 Hour.**

Intensive guided study in selected areas of guidance and personnel work. Consultation with instructor prior to registration is mandatory.

COUN-470. Independent Study In Guidance And Personnel Work. 2 Hours.

(See COUN-469 (<http://catalog.neiu.edu/search/?P=COUN-469>) for description.)

COUN-472. Internship II: School Counseling. 3 Hours.

Second of three supervised internship courses required for the school counseling sequence. A continuation of COUN-462 (<http://catalog.neiu.edu/search/?P=COUN-462>) focusing on the implementation of the role of the school counselor in school settings. Interns work under the supervision of a site supervisor and a counselor education staff person. The course requires the interns to complete 300 hours of field-related activities and participate in an on-campus seminar every other week.

Prerequisite: COUN-462 (<http://catalog.neiu.edu/search/?P=COUN-462>) minimum grade of B.

COUN-473. Internship II: Rehabilitation Counseling. 3 Hours.

Students will apply rehabilitation counseling knowledge and skills introduced in previous courses in a community-based, field experience. The purpose of the course is to further develop rehabilitation counseling skills including counseling interventions, intake interviewing and eligibility determination, assessment, rehabilitation plan development and construction, documentation and case recording, case management and follow-up services. There will be periodic and direct communications throughout the semester between the site supervisor and the faculty through site visits, conference calls, electronic communications and either videotaping or audiorecording of individual counseling sessions between the student and client.

Prerequisite: COUN-463 (<http://catalog.neiu.edu/search/?P=COUN-463>) minimum grade of B.

COUN-474. Internship II: Mental Health Counseling. 3 Hours.

A continuation of COUN-464 (<http://catalog.neiu.edu/search/?P=COUN-464>) which further involves the intern in the implementation of the role of the counselor in a mental health counseling program, family guidance clinic, mental health center, hospital, substance abuse treatment program, aging center or court services center. Supervision provided by a site supervisor and a counselor education staff person. Requires 300 hours of field related activities, including participation in an on-campus seminar every other week. Prerequisite: COUN-444 (<http://catalog.neiu.edu/search/?P=COUN-444>) and departmental approval.

Prerequisite: COUN-464 (<http://catalog.neiu.edu/search/?P=COUN-464>) minimum grade of B.

COUN-475. Internship II: Group Supervision In Couple And Family Counseling. 3 Hours.

This course is a continuation of COUN-465 (<http://catalog.neiu.edu/search/?P=COUN-465>) and further involves the intern in the implementation of the role of the family counselor in an approved internship placement. Interns will be working under the supervision of a site supervisor and a counselor education staff person. The course will require the intern to complete 300 hours of field related activities, including participation in an on-campus seminar every other week.

Prerequisite: COUN-465 (<http://catalog.neiu.edu/search/?P=COUN-465>) minimum grade of B.

COUN-476. Internship II:Rehabilitation Counseling. 3 Hours.

Students will apply rehabilitation counseling knowledge and skills introduced in previous courses in a community-based, field experience. The purpose of the course is to further develop rehabilitation counseling skills including counseling interventions, intake interviewing and eligibility determination, assessment, rehabilitation plan development and construction, documentation and case recording, case management and follow-up services. There will be periodic and direct communications throughout the semester between the site supervisor and the faculty through site visits, conference calls, electronic communications and either videotaping or audiorecording of individual counseling sessions between the student and client.

Prerequisite: COUN-466 (<http://catalog.neiu.edu/search/?P=COUN-466>) minimum grade of B.

COUN-477. Current Issues:Marriage And Family Therapy. 1 Hour.

Presents detailed treatment of selected issues and concerns in Marriage and Family Therapy. Consult the Schedule of Classes for current offerings. Prospective topics will include the Theory and Treatment of Sexual Dysfunction, Treating the Sexually Abusive Family, and Divorce Mediation.

COUN-478. Advanced Counseling. 3 Hours.

The purpose of this course is to provide the counselor education students with advanced practice in individual counseling. Students will serve as graduate mentors to those who are taking COUN-405 (<http://catalog.neiu.edu/search/?P=COUN-405>) Individual Counseling Skills. The students in this course will assist the instructor in demonstrations of proper counseling skills, in supervision of counseling sessions held in the counselor education laboratory, and in giving feedback to students in COUN-405 (<http://catalog.neiu.edu/search/?P=COUN-405>).

Prerequisite: COUN-405 (<http://catalog.neiu.edu/search/?P=COUN-405>) minimum grade of C.

COUN-479. Supervision:Marriage And Family Therapy. 3 Hours.

COUN-490. Thesis Research. 3 Hours.

This course includes the preparation and submission of a master of arts thesis under the supervision of a faculty committee. Thesis topics will reflect students' interest in a variety of counseling areas. Theses may be based on quantitative and/or qualitative methodologies.

Prerequisite: COUN-408 (<http://catalog.neiu.edu/search/?P=COUN-408>) minimum grade of C.

COUN-499. Clinical Supervision. 3 Hours.

This course will examine clinical supervision theory and techniques currently used in counseling and psychotherapy and introduce students to supervision as a specialty. Focusing on developmental issues of both supervisors and clinicians, this course will study methods that can be used to enhance counselor competency and issues related to supervising multiple counseling models. Students are expected to be supervising already, as a group and individual supervision-of supervision will be a component of the class.

Curriculum K-12 (CURR)

Courses

CURR-417. Learning Through The Arts. 3 Hours.

This K-12 course develops an in-depth understanding of the use of creative arts in the classroom. Study, discussion and hands-on application and use of the arts in the classroom is addressed through structured participation in creative drama activity, integrating movement (dance), music and vocal expression through creative playmaking, improvisation, role-play and guided imagery. Emphasis is placed on the application and integration of arts education methodology, including the "reading of pictures" formulating an understanding of art aesthetics and methodology relating to exploration of pedagogical research and relationships to thinking, listening, speaking, reading, writing, viewing and visually representing competencies.

CURR-430. Trends & Issues In Assessment K-12. 3 Hours.

Reviews principles of educational testing and evaluation. Explores trends and critical issues in assessment with emphasis on the teacher's role in relating assessment to instruction. Provides opportunities for inservice and preservice teachers to study assessment strategies and issues specific to the level (early childhood, elementary, or secondary), linguistic-cultural background, and subject-matter area of their teaching or internship assignment.

CURR-450. Teaching For Critical Literacy. 3 Hours.

The purpose of this course is to develop an understanding of the theories and methodologies of critical pedagogy and critical literacy. This includes the basic history of critical pedagogy; and examination of our own literacies, school experiences, cultures, and perspectives; exploring issues of culture and race, economic class, gender, sexual orientation, media literacy, and ecological literacy in society, schooling, and curriculum; the purposes of critical literacy in the development of the self, community, society, and world; and the creation of curriculum to teach for critical literacy, including using children's and young adult literature.

CURR-451. Classroom Organization & Management. 3 Hours.

This course explores methods and strategies through theoretical, practical and case study methods, which are employed by teachers to organize their classrooms, manage their instruction and create effective learning environments. These strategies are also applicable to student behavior and management techniques for utilization in the classroom to further develop and maintain a learning-conducive environment. The emphasis is to develop teacher practices that encourage and cultivate good behavior within learning communities. This course encourages teachers to develop a personal, eclectic understanding of classroom management techniques.

CURR-501. Research-Based Curriculum & Instruction In A Multicultural Society. 3 Hours.

This course focuses on the contributions of researchers and learning theorists to the planning and implementation of curriculum for multicultural classrooms. Areas explored include uses of educational research and data, implications of learning theory in curriculum design, development of instructional methods, use of learning resources, and the importance of reflective decision-making. The course is designed for the classroom teacher who focuses on connecting theory, research and practice.

CURR-502. Teaching In Diverse Classrooms. 3 Hours.

This course provides an examination of the theoretical background and implications of planning and delivering instruction to diverse learners, as well as instruction in practical strategies that can be applied in classroom settings. Topics of study include the following: cultural, linguistic, personal, and academic diversities in today's schools; different grouping structures; implications of the standards movement for curriculum differentiation, classroom workshop models and their implementation; engaging student inquiry; selecting and managing multiple texts in one classroom, assessment issues as related to differentiated instruction and response to intervention.

Prerequisites: CURR-501 (<http://catalog.neiu.edu/search/?P=CURR-501>) minimum grade of C and (READ-416 minimum grade of C or READ-410 minimum grade of C or READ-417 minimum grade of C).

CURR-503. Research Methodologies For Classroom Teachers. 3 Hours.

This course focuses on preparing candidates with the tools, skills and procedures required to enter the professional discourse as teacher action researchers. Basic research methodologies will be explored including quantitative, qualitative, ethnographic, and action research. Candidates will demonstrate their working knowledge of an instructional practice or instructional issue through the development of an action research proposal that will foster constructive decision making for ongoing examination of practice and curriculum building.

Prerequisite: CURR-501 (<http://catalog.neiu.edu/search/?P=CURR-501>) minimum grade of C.

CURR-504. Action Research Project Seminar. 1 Hour.

This seminar course involves implementing an action research project in a school setting based on a project proposal developed in CURR-503 (<http://catalog.neiu.edu/search/?P=CURR-503>) Research Methodologies for Classroom Teachers. As a result, candidates will collect, analyze and report data that will foster constructive decision-making for continued curriculum building and instructional effectiveness.

Prerequisites: CURR-501 (<http://catalog.neiu.edu/search/?P=CURR-501>) minimum grade of C and CURR-503 (<http://catalog.neiu.edu/search/?P=CURR-503>) minimum grade of C.

CURR-505. Reflective Professionals Building Learning Communities. 3 Hours.

This course focuses on understanding the teacher as change agent. Perspectives on leadership and the change process are explored. The facilitation, management, assessment, and context of change are viewed from a planning perspective. Conflict resolution within the change process is explored. The orientation to change focuses on building a multicultural community of learners: Educational professionals within the school, parents, and all community stakeholders. Teaching and learning is viewed from the perspective of group work, collaboration, and team building in classrooms and the school community. Issues of equity and empowerment provide a framework for the course.

Prerequisite: CURR-501 (<http://catalog.neiu.edu/search/?P=CURR-501>) minimum grade of C.

CURR-506. Theories Of Teaching, Learning & Best Practices. 3 Hours.

This course provides teacher leaders an in-depth study of educational research and theories that focus on the improvement of academic achievement of all students and particularly students at risk of academic failure through analyses of student work, assessment data, cognitive peer coaching (teachers coaching teachers), differentiated instruction, positive response to intervention systems, and appropriate instructional interventions. Teacher leaders work with professional partners in classrooms to improve the academic achievement of students and groups of students using best practices and effective intervention plans. Analysis of progress of teaching and learning will be on-going throughout the course.

Prerequisite: CURR-501 (<http://catalog.neiu.edu/search/?P=CURR-501>) minimum grade of C.

CURR-507. Human Relations, Leadership, & Curriculum Development. 3 Hours.

This course focuses on the analysis of interpersonal relationships, communication, group interaction, and leadership in the implementation, evaluation, and revision of appropriate curriculum for specific groups of culturally and linguistically diverse children. Teacher leaders reflect on human relations, interpersonal communication, leadership styles, collaborative group practices, organizational dynamics, and the transformative nature of school improvement initiatives. Teacher leaders comprehend how these interactions impact curriculum development, instruction and student learning. Teacher leaders analyze strategies for problem-solving and improving communication among all stakeholders. Teacher leaders utilize the effective, data driven strategies for improving educational environments for P-12 students.

Prerequisite: CURR-501 (<http://catalog.neiu.edu/search/?P=CURR-501>) minimum grade of C.

Dance (DANC)

Courses

DANC-101. The Dance Experience: Introduction To The Art Of Dance. 3 Hours.

A non-technical introduction to the art of dance designed to enhance appreciation of styles, tradition, history, choreography, aesthetics and personalities. Lectures, films, discussion and participatory classes.

DANC-109. First Year Experience: Steppin' Out: Dance In Chicago. 3 Hours.

A course designed to increase the student's awareness, understanding and enjoyment of a variety of styles of aesthetic/theatrical dance. The course incorporates both movement and non-movement based approaches to learning about dance as an art form, and will focus on learning about ballet, modern, jazz and ethnic dance through lectures, discussions, films, the attendance of outside performances, and written assignments. In this course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery and Transitions) are interwoven with the field specific concepts in dance.

DANC-131. Introduction To Spanish Dance. 3 Hours.

Introduction to the three types of Spanish dance: Classical, Regional and Flamenco with emphasis on basic technique, and on Spain's varied music; Classical, Flamenco and regional from the 13th through 20th centuries.

DANC-161. Spanish Dance I. 2 Hours.

Continuation of DANC-131 (<http://catalog.neiu.edu/search/?P=DANC-131>) with emphasis on the mastery of two important repertory style and their dances: Regional and Flamenco.

Prerequisite: DANC-131 (<http://catalog.neiu.edu/search/?P=DANC-131>) minimum grade of C.

DANC-203U. Field Experiences:Dance In Chicago I. 3 Hours.

Field experience in studios or schools. Detailed information is available in the departmental office.

DANC-203V. Field Experiences:Dance In Chicago II. 3 Hours.

Advanced field experience in studios or schools. Detailed information is available in the departmental office.

DANC-203W. Field Experiences:Hispanic Dance I. 3 Hours.

Hispanic dance field experience in studios or schools. Detailed information is available in the departmental office.

DANC-204. Repertory Ensemble. 1.5 Hour.

Open to enrolled students with at least intermediate skills in dance technique (ballet, modern, jazz or combination).

DANC-251. Modern Dance I. 2 Hours.

Practice of movement as an art form suggesting ideas and conveying feelings, including axial and locomotor movements, spontaneous and planned interpretive response, and choreography.

DANC-254. Modern Dance II. 2 Hours.

Continuation of DANC-251 (<http://catalog.neiu.edu/search/?P=DANC-251>). Strength, flexibility, coordination, and balance; locomotor combinations and creative exploration of rhythm and dynamic elements of dance.

DANC-255. Jazz Dance I. 2 Hours.

Fundamental techniques of jazz dance for the beginning student; blues, musical comedy, hard-rock, street dancing and dramatic styles.

DANC-256. Ballet I. 2 Hours.

Fundamentals of ballet techniques for the beginning student; attendance at performances; analysis of filmed performances.

DANC-261. Spanish Dance II. 2 Hours.

Continuation of DANC-161 (<http://catalog.neiu.edu/search/?P=DANC-161>) further exploring the Classical, Regional and Flamenco styles with emphasis on mastery of technique, styles, music and theatrical history.

Prerequisite: DANC-161 (<http://catalog.neiu.edu/search/?P=DANC-161>) minimum grade of C.

DANC-351. Modern Dance III. 3 Hours.

Continuation of DANC-254 (<http://catalog.neiu.edu/search/?P=DANC-254>). Techniques of Graham, Limon and Cunningham; attendance at professional dance presentations and rehearsals; research.

Prerequisite: DANC-254 (<http://catalog.neiu.edu/search/?P=DANC-254>) minimum grade of C.

DANC-355. Jazz Dance II. 2 Hours.

Continuation of DANC-255 (<http://catalog.neiu.edu/search/?P=DANC-255>); more polished techniques and expression; blues, musical comedy, hard-rock, street dancing and dramatic styles.

Prerequisite: DANC-255 (<http://catalog.neiu.edu/search/?P=DANC-255>) minimum grade of C.

DANC-356. Ballet II. 2 Hours.

Continuation of DANC-256 (<http://catalog.neiu.edu/search/?P=DANC-256>). Skill in performance of "school" steps and combinations.

Prerequisite: DANC-256 (<http://catalog.neiu.edu/search/?P=DANC-256>) minimum grade of C.

DANC-357. Ballet III. 2 Hours.

Continuation of DANC-356 (<http://catalog.neiu.edu/search/?P=DANC-356>). Development of greater strength, flexibility, balance, stamina; adagio, allegro and center work. Expressive and creative elements.

Prerequisite: DANC-356 (<http://catalog.neiu.edu/search/?P=DANC-356>) minimum grade of C.

DANC-360. Dance Composition. 3 Hours.

Practical aspects of dance design and theoretical aspects of dance as an art. Creation of dance compositions is required.

DANC-365. Dance Production. 3 Hours.

Costuming, make-up, marketing and lighting for dance.

DANC-370. Musical Resources For Dance. 3 Hours.

Music sources of particular interest to the dancer and choreographer from primitivism to trends in new music. Students develop research techniques and resource files in major areas: jazz, ballet, modern and world music forms, new music, etc.

DANC-371. Theory And Philosophy Of Dance And The Related Arts. 3 Hours.

The nature of dance and its historical interrelatedness with other art forms: poetry, drama (opera), painting and music; the role of the critic.

DANC-380. Contemporary Dance Education. 3 Hours.

Application of educational methods to the field of dance in various settings, such as conservatory and community and specific age interest groups.

DANC-382. Dance Management And Grantsmanship. 3 Hours.

DANC-390B. Jazz Dance. 3 Hours.

This course is designed to provide students with practical experience in the area of Jazz dance technique, movement development, and expressive movement performance. The goal of the course is to provide students the opportunity to improve their ability to integrate and maintain correction in the areas of jazz technique and Jazz movement development. Advanced Jazz styles are explored.

DANC-390D. Seminar In Dance Performance:Spanish Dance. 3 Hours.

This 300 level seminar is designed to incorporate and continue the technical and stylized materials presented in Introduction to Spanish Dance-131, Spanish Dance I-161, and Spanish Dance II-261. Via the study and rehearsal of Spanish dance choreographic works created and taught by faculty and guest artists and along with regular class instruction, lectures, films, and viewing professional dance companies in performance, each student will be focused on a high level of professional achievement.

Prerequisites: DANC-131 (<http://catalog.neiu.edu/search/?P=DANC-131>) minimum grade of D and DANC-161 (<http://catalog.neiu.edu/search/?P=DANC-161>) minimum grade of D and DANC-261 (<http://catalog.neiu.edu/search/?P=DANC-261>) minimum grade of D.

DANC-390E. Seminar In Dance Performance: Styles. 3 Hours.

This course is designed to provide students with practical experience in the areas of dance technique, movement development, and expressive movement performance. The goal of the course is to provide students the opportunity to improve their ability to integrate and maintain correction in the areas of technique and movement development.

DANC-391. Internship In Dance. 3 Hours.

Practicum in art agencies, dance companies, community organizations or arts-related industries designed by the student, a dance faculty advisor and generally an off-campus agent.

Early Childhood-Bilingual (ECBL)

Courses

ECBL-301. Curriculum And Instruction In Early Childhood Education. 4 Hours.

ECBL-306. Methods Of Teaching Reading In Early Childhood. 3 Hours.

ECBL-328I. Clinical Experiences In Early Childhood/Infants And Toddlers. 1 Hour.

ECBL-328M. Clinical Experiences In Early Childhood Educ/Kindergarten & Primary Grades/Multicultural Emphasis. 1 Hour.

ECBL-328T. Clinical Experiences In Early Childhood Educ:Preschool-Kindergarten & Primary/Technology Emphasis. 1 Hour.

ECBL-329. Student Teaching In Early Childhood. 9 Hours.

ECBL-352. Methods Of Teaching Language Arts, Music And Art In Early Childhood. 3 Hours.

Early Childhood Education (ECED)

Courses

ECED-301. Curriculum And Instruction In Early Childhood Education. 3 Hours.

Relationship of theory to practice is studied in a variety of early childhood curricula with respect to teaching-learning processes. Special attention is directed to activity/learning centers, individualization, educational play, classroom management, along with planning and preparation of curricular materials (including audio - visual) for multicultural settings for normal and children with special needs. (Must be taken concurrently with ECED-328I (<http://catalog.neiu.edu/search/?P=ECED-328I>)).

Prerequisite: College of Education Admission YES.

Corequisite: ECED-328I (<http://catalog.neiu.edu/search/?P=ECED-328I>).

ECED-302. Methods Of Teaching Language Arts-Primary Through Upper Grades. 3 Hours.

ECED-306. Methods Of Teaching Reading In Early Childhood. 3 Hours.

This course presents methods, techniques and materials for the early stages of literacy instruction; the nature of the literacy processes (listening, speaking, reading, writing, viewing and visual representation); literacy development in the typically developing child, and the child with special needs. Attention is given to the use of strategies for identifying words, fluency, vocabulary and comprehension. Topics include response to intervention (RTI) strategies and differentiated instruction for all students (including students with different learning styles, giftedness, dual language learners and students with special needs). Must be taken concurrently with ECED-338 (<http://catalog.neiu.edu/search/?P=ECED-338>), ECED-328T (<http://catalog.neiu.edu/search/?P=ECED-328T>) and have consent of program advisor.

Prerequisites: ECED-301 (<http://catalog.neiu.edu/search/?P=ECED-301>) minimum grade of C and ECED-352 (<http://catalog.neiu.edu/search/?P=ECED-352>) minimum grade of D and College of Education Admission YES.

ECED-313. Writing Intensive Program: Language Development And Educational Implications. 3 Hours.

Focuses upon language growth and development of young children with particular emphasis upon programs and techniques designed to facilitate acquisition of language skills. Major language acquisition theories are studied. The relationship of language development to cognitive and social-emotional growth is explored. Basic language development inventories are reviewed.

Prerequisites: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C and EDFN-302 (<http://catalog.neiu.edu/search/?P=EDFN-302>) minimum grade of C and EDFN-303 (<http://catalog.neiu.edu/search/?P=EDFN-303>) minimum grade of C.

ECED-316. Child, Family And Community. 3 Hours.

The study of family and community relations: working with parents; locating and using resources/programs in the community; ways of coordinating community, family and school cooperation in a culturally diverse environment. Includes a focus upon the needs of young children, 0-3 years of age.

Prerequisite: College of Education Admission YES.

ECED-325. Children's Literature Across The Curriculum. 3 Hours.

Presented in this course are methods, strategies and materials for integrating children's literature across the curriculum in the early grades. Instruction focuses on reading to learn. Emphasis is on learning to provide authentic experiences with exposition, in order to lay the foundation for students' understanding of the expository text that dominates in later grades. Text structures are mediated through literature to support children's curiosity and inquiry.

Prerequisites: ECED-301 (<http://catalog.neiu.edu/search/?P=ECED-301>) minimum grade of C and ECED-306 (<http://catalog.neiu.edu/search/?P=ECED-306>) minimum grade of C.

Corequisites: ECED-355 (<http://catalog.neiu.edu/search/?P=ECED-355>), ECED-352 (<http://catalog.neiu.edu/search/?P=ECED-352>), ECED-328T (<http://catalog.neiu.edu/search/?P=ECED-328T>).

ECED-328I. Clinical Experiences In Early Childhood/Infants And Toddlers. 1 Hour.

Extended field and laboratory experiences in a variety of teaching/learning activities with infants/toddlers. The supervised, guided experiences are integrated with studies in ECED-301 (<http://catalog.neiu.edu/search/?P=ECED-301>) Curriculum and instruction in Early Childhood, and fulfill a minimum of 40 clock hours of the 100 clock hours required by the State of Illinois for certification in Early Childhood Education. Supervision and individual conferences with university instructor. Concurrent course: ECED-301 (<http://catalog.neiu.edu/search/?P=ECED-301>).

Prerequisites: EDFN-302 (<http://catalog.neiu.edu/search/?P=EDFN-302>) minimum grade of C and EDFN-303 (<http://catalog.neiu.edu/search/?P=EDFN-303>) minimum grade of C and College of Education Admission YES.

Corequisite: ECED-301 (<http://catalog.neiu.edu/search/?P=ECED-301>).

ECED-328M. Clinical Experiences In Early Childhood Educ/Kindergarten & Primary Grades/Multicultural Emphasis. 1 Hour.

Teaching/ learning activities with preschool kindergarten and primary children in private and public school classrooms with a variety of multi ethnic populations. Sixteen weeks will be spent in a preschool-kindergarten setting or a primary classroom. The supervised, guided experiences are integrated with studies in methods conferences, and bi-weekly seminars. Fulfills a minimum of 50 clock hours of the 100 clock hours required by the State of Illinois for certification in Early Childhood Education. Concurrent courses: ECED-355 (<http://catalog.neiu.edu/search/?P=ECED-355>), ECED-306 (<http://catalog.neiu.edu/search/?P=ECED-306>).

Prerequisite: College of Education Admission YES.

ECED-328S. Practicum In Early Childhood With Special Education. 1 Hour.

This course provides on-site experiences with young children who have special needs. An in-depth understanding of models and strategies for working with this population will be supported by seminar topics and discussions. Thirty hours of clinical experience will be required. Concurrent courses: ECED-306 (<http://catalog.neiu.edu/search/?P=ECED-306>), ECED-355 (<http://catalog.neiu.edu/search/?P=ECED-355>) and ECED-328M (<http://catalog.neiu.edu/search/?P=ECED-328M>).

Prerequisite: College of Education Admission YES.

Corequisite: ECED-328M (<http://catalog.neiu.edu/search/?P=ECED-328M>).

ECED-328T. Clinical Experiences In Early Childhood Educ:Preschool-Kindergarten & Primary/Technology Emphasis. 1 Hour.

Teaching/learning activities with preschool-kindergarten and primary children in private and public school classrooms with a technology emphasis. Sixteen weeks will be spent in a preschool-kindergarten setting or a primary classroom. The supervised, guided experiences are integrated with studies in methods classes. Supervision by university faculty, student conferences and biweekly seminars. Fulfills a minimum of 50 clock hours of the 100 clock hours required by the State of Illinois for certification in Early Childhood Education. Concurrent course: ECED-352 (<http://catalog.neiu.edu/search/?P=ECED-352>).

Prerequisites: EDFN-302 (<http://catalog.neiu.edu/search/?P=EDFN-302>) minimum grade of C and EDFN-303 (<http://catalog.neiu.edu/search/?P=EDFN-303>) minimum grade of C and ECED-301 (<http://catalog.neiu.edu/search/?P=ECED-301>) minimum grade of C and College of Education Admission YES.

Corequisite: ECED-352 (<http://catalog.neiu.edu/search/?P=ECED-352>).

ECED-329. Student Teaching In Early Childhood. 9 Hours.

Sixteen weeks of full-day student teaching under the supervision of a certified cooperating teacher. Students are required to take full responsibility for assigned classes of early childhood students. Weekly seminars. Regular visits and conferences with university supervisor.

Prerequisites: ECED-328I (<http://catalog.neiu.edu/search/?P=ECED-328I>) minimum grade of B and ECED-328M (<http://catalog.neiu.edu/search/?P=ECED-328M>) minimum grade of B and Illinois Content Area Test PASS and College of Education Admission YES and ECED-328T (<http://catalog.neiu.edu/search/?P=ECED-328T>) minimum grade of B and ECED-328S (<http://catalog.neiu.edu/search/?P=ECED-328S>) minimum grade of B.

ECED-338. Developmental Assessment Of Young Children. 3 Hours.

Focuses on the diagnosis and assessment of developing needs of the young child from birth through age five; special emphasis on measuring physical, emotional, mental and social growth to determine intervention needs. Specific programs to facilitate normal development will be planned.

Prerequisites: EDFN-303 (<http://catalog.neiu.edu/search/?P=EDFN-303>) minimum grade of C or PSYC-212 minimum grade of D and College of Education Admission YES.

ECED-352. Methods Of Teaching Language Arts, Music And Art In Early Childhood. 3 Hours.

Methods and materials for teaching language arts (literature, listening, speaking, written composition, drama), music and art to normal, learning disabled and mainstreamed exceptional children in multicultural classes. Explores theories, concepts and approaches in the three areas as well as their relationships to one another. (Must be taken concurrently with ECED-328T (<http://catalog.neiu.edu/search/?P=ECED-328T>)).

Prerequisites: ART-170A (<http://catalog.neiu.edu/search/?P=ART-170A>) minimum grade of D and MUS-102 (<http://catalog.neiu.edu/search/?P=MUS-102>) minimum grade of D and ECED-301 (<http://catalog.neiu.edu/search/?P=ECED-301>) minimum grade of C and ART-180 minimum grade of D and (CMTC-202 (<http://catalog.neiu.edu/search/?P=CMTC-202>) minimum grade of D or COMM-202 minimum grade of D) and College of Education Admission YES.

ECED-355. Methods Of Teaching Mathematics, Science And Social Studies In Early Childhood. 3 Hours.

A study of instructional methods and materials for teaching mathematics, science, and social studies to normal, learning disabled and mainstreamed exceptional children in multicultural classrooms. Explores major concepts and approaches in the three areas as well as their relationships to one another and other content areas. Classroom management techniques conducive to the implementation of successful individual and group lessons are investigated. Emphasis is on preschool and primary grades. Eced-306 and ECED-328M (<http://catalog.neiu.edu/search/?P=ECED-328M>) taken concurrently.

Prerequisites: ECED-301 (<http://catalog.neiu.edu/search/?P=ECED-301>) minimum grade of C and ECED-352 (<http://catalog.neiu.edu/search/?P=ECED-352>) minimum grade of D and College of Education Admission YES.

ECED-402. Application Of Learning Theories To Early Childhood Education. 3 Hours.

This course reviews philosophies and theories of early childhood development with classroom implications. Topics include: early philosophies, developmental theories, teaching techniques, individualizing instruction to meet the needs of all children, and strategies for facilitation of active learning.

ECED-403. Early Childhood Assessment. 3 Hours.

Focuses upon the use and development of evaluation instruments for collecting information about young children. Instruments used will focus on individuality of the child and his unique growth trends and patterns of developmental needs. The materials studied will help the teacher to identify where the child is developmentally and to use instruments and techniques to evolve ways to help the individual child grow.

Prerequisites: PSYC-212 minimum grade of C and SPED-303 minimum grade of C.

ECED-407. Family, Child And Teacher Interaction In Early Childhood Education. 3 Hours.

A course designed for teachers of young children who are working to integrate parents into educational program. Family styles and parenthood are examined followed by methodologies for involvement in children's education. Practical realities of teaching including home visits, communication skills and alternative avenues for communication will be discussed. An exploration of the culture of the early childhood setting and implication for teachers and families will be included.

ECED-408. Language Acquisition And Intervention Strategies For Teachers Of Young Children. 3 Hours.

Focuses upon the acquisition of language as the young child develops syntactic, semantic and pragmatic understanding. Differing viewpoints of language learning and cognitive interaction are presented. Techniques for both language assessment and intervention by the teacher of the young child are discussed. Reviews recent research and its applicability to assist the preschool teacher in facilitating language learning and evaluating existing language programs for using language as a tool of communication.

Prerequisites: (ECED-313 (<http://catalog.neiu.edu/search/?P=ECED-313>) minimum grade of D or CIEC-313 minimum grade of D) and PSYC-215 (<http://catalog.neiu.edu/search/?P=PSYC-215>) minimum grade of C.

ECED-410. Curriculum Development In Early Childhood Education. 3 Hours.

Study of the implications of theories of child development for early childhood curriculum development. Investigation of strategies for planning, teaching and evaluating learning experiences which promote cognitive and affective development. Techniques for working with small and large groups are explored through observation and analysis of classroom interaction. Issues related to multicultural education, the utilization of community resources, and parent-teacher relationships are examined. Major early childhood programs are evaluated.

ECED-411A. Practicum In Early Childhood Education. 3 Hours.

To provide an opportunity for supervised observation and teaching with normal young children. Practical application of methods and techniques with an integrating seminar will help the practitioner develop teaching strategies. Emphasis will be on the development of skill and a self-analysis of techniques. 135 Clinical hours required.

ECED-411B. Practicum In Early Childhood Education (04 Certification). 3 Hours.

To provide an opportunity for supervised observation and teaching with normal young children. Practical application of methods and techniques with an integrating seminar to help the practitioner develop teaching strategies. Emphasis will be on the development of skills and self analysis of teachings. 135 clinical hours are required for 04 certification with three grade levels (Infant-toddler, preschool, kindergarten, 1st, 2nd or 3rd grades).

Prerequisites: ECED-402 (<http://catalog.neiu.edu/search/?P=ECED-402>) minimum grade of C and ECED-410 (<http://catalog.neiu.edu/search/?P=ECED-410>) minimum grade of C and ECED-403 (<http://catalog.neiu.edu/search/?P=ECED-403>) minimum grade of C and ECED-407 (<http://catalog.neiu.edu/search/?P=ECED-407>) minimum grade of C and ECED-408 (<http://catalog.neiu.edu/search/?P=ECED-408>) minimum grade of C.

ECED-412. Research Seminar In Early Childhood Education. 3 Hours.

Criteria for selecting research problems and evaluating hypotheses are explored. Various types of experimental designs and descriptive approaches to research design are investigated. Techniques for writing research proposals and reports are studied. There is an examination of recent developments in data processing related to educational research. Other topics include sampling procedures, reliability, validity, interviews, questionnaires, and observational techniques. Research project under the supervision of a faculty advisor.

ECED-429. Internship/Student Teaching In Early Childhood Education. 3 Hours.

Supervised teaching experience for students in the MAT: ECED program. The intern spends 16 weeks in a professional development school working with a mentor teacher. Student gradually increases teaching responsibilities, leading to a minimum of four weeks of intensive teaching. University Supervisor makes regular visits to the school and conferences with the student. Weekly two-hour seminars are conducted throughout the semester, addressing topics appropriate for age/grade levels and professional needs.

Prerequisites: ECED-402 (<http://catalog.neiu.edu/search/?P=ECED-402>) minimum grade of C and ECED-410 (<http://catalog.neiu.edu/search/?P=ECED-410>) minimum grade of C and ECED-408 (<http://catalog.neiu.edu/search/?P=ECED-408>) minimum grade of C and ECED-403 (<http://catalog.neiu.edu/search/?P=ECED-403>) minimum grade of C and ECED-407 (<http://catalog.neiu.edu/search/?P=ECED-407>) minimum grade of C and ECED-452 (<http://catalog.neiu.edu/search/?P=ECED-452>) minimum grade of C and ECED-455 (<http://catalog.neiu.edu/search/?P=ECED-455>) minimum grade of C and ECED-411B (<http://catalog.neiu.edu/search/?P=ECED-411B>) minimum grade of C and (READ-416 minimum grade of C or LTCY-501 (<http://catalog.neiu.edu/search/?P=LTCY-501>) minimum grade of C).

ECED-452. Methods Of Teaching Language Arts, Music & Art In Early Childhood. 3 Hours.

This course explores advanced knowledge of the theoretical foundations, concepts and methods of teaching language arts, music and art in Early Childhood. Presents the creative and language arts research, as well as instructional techniques/strategies and learning materials for teaching language arts, music, drama and visual art to all students in culturally diverse classrooms.

Prerequisite: ECED-410 (<http://catalog.neiu.edu/search/?P=ECED-410>) minimum grade of C.

ECED-455. Methods Of Teaching Mathematics, Science & Social Studies In Early Childhood. 3 Hours.

This class is a methods class designed to help students learn to teach math, science and social studies to young children in the preschool and primary grades. The course explores major concepts and approaches in all three areas as well as the process of using thematic learning to implement the integration of the three areas. The class will also explore learning styles, special needs and multicultural backgrounds to facilitate the teacher's skill in providing for individual student needs as well as classroom management.

Prerequisites: ECED-410 (<http://catalog.neiu.edu/search/?P=ECED-410>) minimum grade of C and ECED-402 (<http://catalog.neiu.edu/search/?P=ECED-402>) minimum grade of C.

ECED-510. Early Acquisition & Maintenance Of Multiple Languages. 3 Hours.

Students will study acquisition of multiple languages at an early age (by age 8), and analyze sociolinguistic factors that help maintain multiple languages throughout early childhood and beyond. Students will view and discuss language modules developed from brain research and relate them to individual experiences of early acquisition of multiple languages after interviewing individuals who grew up with two or more languages from early childhood and observing young children (0-8 years) who have been exposed to more than one language in their natural settings. Students will explore their personal philosophies of educating young children in multilingual classrooms.

ECED-511. Evaluation & Use Of Research In Early Childhood Education. 3 Hours.

This course introduces students to evaluating and using research in early childhood education, especially research on early brain development. Employing principles of systematic inquiry and fundamentals of early development and learning, students examine different kinds of research processes and reports to determine application within contexts of working with young children. In particular, students will analyze research reports on early development of the brain, and devise practical and contextually beneficial ways to utilize the research finding to enhance children's development and learning. Students will develop and use research-based, culturally and linguistically sensitive strategies to enrich children's experiences.

ECED-512. Global Perspectives In Early Childhood Education. 3 Hours.

Students will study, compare and contrast early childhood education policies, programs and practices in selected countries for the purpose of broadening and deepening knowledge about global education systems and how they interrelate. Students will create profiles of early education practices and the circumstances determining those practices. Electronic contacts will be created between NEIU students and students in other countries (preferably NEIU partnership schools) in order to provide opportunities for students to interact with teacher education candidates in other countries. Students will continue developing their personal philosophies of effective education for young children within multicultural and global contexts.

Earth Science (ESCI)

Courses

ESCI-109. First Year Experience: Chicago Rocks! Geology In The City. 3 Hours.

Chicago has been at the bottom of the sea, buried under a mile of ice, and set in a warm, tropical paradise. Such diverse changes have shaped Chicago and the surrounding region, including the lake, the rivers, the ground we walk on (and build on), and the decisions we make about land use, resources, and waste management. Explore Chicago Rocks - as well as water, weather, and land forms - in the context of current issues related to resource use and the environment. Field trips and hands-on experiences highlight the extent to which geology influences the character of the Chicago area.

ESCI-109W. First Year Experience: Chicago's Muddy Waters- Environmental Geology. 3 Hours.

Chicago's vital bodies of water - Lake Michigan, Chicago River, and others - interact with the urban landscape and the soils and rocks of the ground beneath. Such interactions influence environmental issues in everyday life, including "What happens when water goes down the drain?" and "Why do certain areas flood after it rains?" These questions are explored in the context of Chicago's geology, to evaluate the critical factors affecting soil and water contamination, flooding, and our drinking water. Laboratory analysis of water and soil, collected on local field trips, will clear the 'muddy water' about environmental geology impacts in local neighborhoods. (Lecture 2 hr., lab 2 hr.).

ESCI-121. Introduction To Earth Science. 3 Hours.

Basic concepts of geology, meteorology, oceanography, and the solar system. Discussion of topics of current interest in the earth sciences. Laboratory involves the study of minerals, rocks, maps and weather instruments. Lecture 2 hours, lab 2 hours.

Prerequisite: (MATH-091 (<http://catalog.neiu.edu/search/?P=MATH-091>) - 499 or MATH-091A - 499Z or NEIU Math Placement Result 02 - 45 or ACT Math 19 - 36 or Accuplacer Elementary Algebra 060 - 084 or Accuplacer College Level Math 020 - 120).

ESCI-123. Environmental Geology. 3 Hours.

Earth, its structure, composition and resources. Mineral and energy resources, their formation and distribution, their supply and demand projections for the future. Water resources and water quality. Environmental impact of resources, nuclear and other waste disposal, geological aspects of earthquake and volcanic hazards. Lecture 3 hours.

Prerequisite: (MATH-091 (<http://catalog.neiu.edu/search/?P=MATH-091>) - 499 or MATH-091A - 499Z or NEIU Math Placement Result 02 - 45 or ACT Math 19 - 36 or Accuplacer Elementary Algebra 060 - 084 or Accuplacer College Level Math 020 - 120).

ESCI-203. Geology Of Illinois. 3 Hours.

ESCI-207. Global Climate And Weather. 4 Hours.

This course examines the Earth as a system, focusing on linkages between the oceans and atmosphere related to weather and global climate. Fundamentals of the structure and composition of oceans and atmosphere provide the foundation for investigation of chemical, physical, and biological interactions in weather-related processes and global climate. Topics include basic principles of meteorology, classification of present-day climates, climate variables, paleoclimates, and evidence for global climate change over geologic time. Laboratory analysis of maps, charts, instruments, and data supplements lecture and discussion. Lecture 2 hours, lab 3 hours.

Prerequisite: (MATH-092 (<http://catalog.neiu.edu/search/?P=MATH-092>) - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

ESCI-211. Physical Geology. 4 Hours.

Detailed study of the materials comprising the earth's crust and interior and the forces acting to change its surface; the origin of continents and ocean basins in light of recent geological research. Lecture 3 hours, lab 2 hours.

Prerequisite: (MATH-092 (<http://catalog.neiu.edu/search/?P=MATH-092>) - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

ESCI-301. Geologic Remote Sensing. 3 Hours.

Introduction to the principles of remote sensing with an emphasis on the use of Landsat imagery in geologic investigations; history of remote sensing, operation of multispectral scanner systems, high altitude infra-red imagery, radar imagery, and digital image processing; applications to resource exploration and geologic mapping. Lecture 2 hours; lab 2 hours.

Prerequisite: ESCI-211 (<http://catalog.neiu.edu/search/?P=ESCI-211>) minimum grade of C.

ESCI-306. Writing Intensive Program: Rocks And Minerals. 4 Hours.

A detailed introduction to rocks and minerals- the essential materials of the solid earth. Classification and systematic study of the chemical and physical properties of the common rock-forming mineral groups; textural and mineral compositional studies of common igneous, sedimentary and metamorphic rock groups. Lecture 2 hours, lab 3 hours.

Prerequisites: ESCI-211 (<http://catalog.neiu.edu/search/?P=ESCI-211>) minimum grade of C and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

ESCI-308. Geology Of The National Parks. 3 Hours.

Study of the geological processes producing and controlling the lands within the National Park System. Lecture 3 hours.

Prerequisite: ESCI-121 (<http://catalog.neiu.edu/search/?P=ESCI-121>) minimum grade of C or ESCI-211 (<http://catalog.neiu.edu/search/?P=ESCI-211>) minimum grade of C.

ESCI-309. Geochemistry. 3 Hours.

Chemical composition of the earth, element abundances, cosmochemistry, meteorites, origin of elements, geochronology, geothermometry, geobarometry, principles of trace element distribution. Igneous, metamorphic and sedimentary environments. Lecture 3 hours.

Prerequisites: CHEM-211 (<http://catalog.neiu.edu/search/?P=CHEM-211>) minimum grade of D and (ESCI-306 (<http://catalog.neiu.edu/search/?P=ESCI-306>) minimum grade of D or ESCI-206 minimum grade of D).

ESCI-310. Geology Of The Chicago Region. 4 Hours.

The geologic history of Chicago integrates the effects of changes in climate and sea level, varied sedimentary processes, and the influence of the tectonic framework of the Midwestern US region. This course explores the diversity in Chicago's geologic past and present, including the continuing evolution of a geologic landscape affected by glacial, stream, and coastal processes, and examines the impact of local geology on resources and land use, as well as the impact of human processes on the geologic environment. Interpretation of map evidence and real-time data, individual research, and local and regional field experiences supplement class discussion. Lecture 2 hours and Lab 3 hours.

Prerequisite: ESCI-211 (<http://catalog.neiu.edu/search/?P=ESCI-211>) minimum grade of C.

ESCI-311. Mineralogy. 4 Hours.

Crystallographic principles, crystal systems and crystal chemistry in the study of minerals. Composition, structure, occurrence and uses of common minerals. Study of hand specimens and thin sections of minerals and the use of physical and optical properties in their identification. Lecture 3 hours, lab 2 hours.

Prerequisites: CHEM-211 (<http://catalog.neiu.edu/search/?P=CHEM-211>) minimum grade of C and (ESCI-306 (<http://catalog.neiu.edu/search/?P=ESCI-306>) minimum grade of C or ESCI-206 minimum grade of C).

ESCI-312. Historical Geology. 4 Hours.

Evolution of the earth and its flora and fauna, paleoecology; principles of paleontological stratigraphy and techniques of relative and absolute age determination. Lecture 3 hours, lab 2 hours.

Prerequisite: ESCI-121 (<http://catalog.neiu.edu/search/?P=ESCI-121>) minimum grade of C or ESCI-211 (<http://catalog.neiu.edu/search/?P=ESCI-211>) minimum grade of C.

ESCI-314. Paleontology. 4 Hours.

Principles, study of invertebrate phyla, morphology, taxonomy, evolution and paleoecology as well as occurrence of various fossil types. Lecture 2 hours, lab 3 hours.

Prerequisite: ESCI-212 minimum grade of C or ESCI-312 (<http://catalog.neiu.edu/search/?P=ESCI-312>) minimum grade of C.

ESCI-315. Glacial Geology. 4 Hours.

This course focuses on interpreting glacial processes and glacial environments, both past and present. Applying techniques that include map interpretation and correlation, remote sensing, and comparison of sediment and topographic data, students will analyze glacier dynamics, the development of glacial landscapes, and the geologic record of glaciations and glacial processes.

Lecture 2 hours, Lab 3 hours. Prereq: ESCI-121 (<http://catalog.neiu.edu/search/?P=ESCI-121>) or ESCI-211 (<http://catalog.neiu.edu/search/?P=ESCI-211>).

Prerequisite: ESCI-121 (<http://catalog.neiu.edu/search/?P=ESCI-121>) minimum grade of C or ESCI-211 (<http://catalog.neiu.edu/search/?P=ESCI-211>) minimum grade of C.

ESCI-317. Principles Of Sedimentation. 4 Hours.

The process governing the formation, transportation and deposition of sediments and the alterations that transform them into sedimentary rocks. The practical application of these techniques is developed in the laboratory. Lecture 2 hours, lab 3 hours.

Prerequisite: ESCI-306 (<http://catalog.neiu.edu/search/?P=ESCI-306>) minimum grade of C or ESCI-206 minimum grade of C.

ESCI-319. Petrology. 4 Hours.

Classification of rocks. Study of mineralogical and textural relations of major rock groups in hand specimens and thin sections. Chemical composition of rocks. Chemical and petrographic data interpretation. Interrelation of petrological processes and plate tectonics. Description of selected and widely referred petrologic complexes. Lecture 2 hours, lab 3 hours.

Prerequisite: ESCI-311 (<http://catalog.neiu.edu/search/?P=ESCI-311>) minimum grade of C.

ESCI-320. Limnology. 4 Hours.

In this course, students will explore the geological aspects of freshwater systems, focusing on Lake Michigan. Topics that will be covered include the origin of Lake Michigan, tectonic and climatic settings of the Lake, physical sedimentary processes, sedimentary geochemistry, geochronology and paleolimnology. Students will also explore the multidisciplinary aspects of biogeochemical cycling of elements, the role of planktonic organisms in these cycles. Lecture 2 hours, Lab 3 hours.

Prerequisite: ESCI-211 (<http://catalog.neiu.edu/search/?P=ESCI-211>) minimum grade of C.

ESCI-324. Oceanography I. 4 Hours.

Ocean boundaries and bottom topography. Origin and evolution of ocean basins. Nature and characteristics of coastal and marine sediments. Gathering of oceanological data development of the marine sciences.

Prerequisites: ESCI-121 (<http://catalog.neiu.edu/search/?P=ESCI-121>) minimum grade of C and ESCI-207 (<http://catalog.neiu.edu/search/?P=ESCI-207>) minimum grade of C.

ESCI-325. Oceanography II. 3 Hours.

Physical and chemical properties and characteristics of sea water. Hydrodynamics, currents, waves, tides, circulation. Life conditions in the ocean environment, relationship to marine biology. Economic oceanography; the use of statistical methods and marine cartography.

Prerequisites: (ESCI-121 (<http://catalog.neiu.edu/search/?P=ESCI-121>) minimum grade of C or ESCI-211 (<http://catalog.neiu.edu/search/?P=ESCI-211>) minimum grade of C) and ESCI-207 (<http://catalog.neiu.edu/search/?P=ESCI-207>) minimum grade of C.

ESCI-326. Independent Study In Earth Science. 3 Hours.

Research in the geological sciences, oceanography, meteorology, or astronomy under the guidance of a faculty member. Independent Studies require the approval of the instructor, department chair and the appropriate College Dean.

ESCI-327. Aqueous Environmental Geochemistry. 4 Hours.

This course builds on students' fundamental knowledge of aqueous chemistry and highlights applications relevant to geological sciences. The course focuses on using chemical principles to study surface and near surface water and water-rock/water-soil interactions. Topics include basic thermodynamics, chemical speciation, mineral solubility, complexation, acid-base reactions, oxidation-reduction reactions, carbonate chemistry, and an introduction to geochemical modeling. The practical applications of these topics will develop quantitative skills required for addressing geological and environmental issues.

Prerequisites: ESCI-211 (<http://catalog.neiu.edu/search/?P=ESCI-211>) minimum grade of C and CHEM-212 (<http://catalog.neiu.edu/search/?P=CHEM-212>) minimum grade of C.

ESCI-329. Soil Science. 4 Hours.

Fundamentals of soil including origin, composition, and classification; physical, chemical and biological properties; significance of soil properties for evaluation of soil as a resource; soil fertility and amelioration, soil and watershed use and conservation, and environmental concerns, including soil contamination and remediation.

Prerequisite: ESCI-121 (<http://catalog.neiu.edu/search/?P=ESCI-121>) minimum grade of C or ESCI-211 (<http://catalog.neiu.edu/search/?P=ESCI-211>) minimum grade of C.

ESCI-330. Structural Geology. 4 Hours.

Spatial and stress-strain relationships of rock deformation, genetic and descriptive aspects of folds, faults joints, etc., structures related to magmatism and metamorphism, polyphase deformation, and geophysical methods of structural geology, diapirs, cleavage and schistosity, impact structures, tectonites, and petrofabric diagrams. Lecture 3 hours, lab 2 hours.

Prerequisites: ESCI-211 (<http://catalog.neiu.edu/search/?P=ESCI-211>) minimum grade of C and ESCI-312 (<http://catalog.neiu.edu/search/?P=ESCI-312>) minimum grade of C and MATH-185 (<http://catalog.neiu.edu/search/?P=MATH-185>) minimum grade of C.

ESCI-331. Geological Structures And Map Interpretation. 4 Hours.

Determination of the attitude and thickness of inclined strata and their bearing on outcrop patterns; preparation of geological maps from given field data; and interpretations of aerial photos, topographic maps, and geological maps depicting folds, faults, unconformities and intrusive bodies; preparation of geological cross sections. Lecture 2 hours, lab 3 hours.

Prerequisite: ESCI-211 (<http://catalog.neiu.edu/search/?P=ESCI-211>) minimum grade of C.

ESCI-333. Internship In Earth Science. 3 Hours.

Field experience at an off-campus site. Student will work a minimum of 150 hours with an earth science agency or organization. Evaluation will be based in part on the student's creation of a tangible product. Details of internship will be arranged by the student, faculty advisor and site supervisor.

ESCI-334. Coastal Marine Research. 4 Hours.

Study of marine coastal processes. Field trip to Atlantic, Pacific or Mediterranean coast. Preceded and followed by on-campus meetings. Field experience 4 hours, lecture 1 hours, lab 1 hour.

ESCI-337. Principles Of Hydrogeology. 4 Hours.

Introduction to the theory and principles of groundwater flow as well as streamflow. Topics include the hydrologic equation, evapo-transpiration, well drilling and testing, porosity and permeability, Darcy's law, confined and unconfined aquifers, flow-nets, geology of groundwater occurrence, water table maps, geophysical exploration methods, well logs, streamflow and hydrographs. Lecture 3 hours, Lab 2 hours.

Prerequisites: ESCI-211 (<http://catalog.neiu.edu/search/?P=ESCI-211>) and (MATH-185 (<http://catalog.neiu.edu/search/?P=MATH-185>) or MATH-106 or NEIU Math Placement Result 35 - 45 or ACT Math 25 - 36 or Accuplacer College Level Math 031 - 120).

ESCI-339. Field Hydrogeology. 4 Hours.

Field techniques of measuring infiltration, soil moisture, aquifer permeability and hydraulic conductivity. Practice in conducting geophysical surveys and drilling, logging and developing ground water wells. Methods of sampling water for chemical analysis. Visits to drilling, monitoring and waste management sites. Methods of recording, analysing, mapping and reporting field data. Lecture 2 hours, lab 3 hours.

Prerequisite: ESCI-337 (<http://catalog.neiu.edu/search/?P=ESCI-337>) minimum grade of C.

ESCI-340. Introduction To Geotechnical Engineering. 4 Hours.

Introduction to basic concepts of design and engineering of earth materials. Geotechnical soil properties, engineering soil classification, site characterization, earthwork, interactions of water with Earth materials. Overview of engineering design of roadways, landfills, dams, levees, and tunnels. Especially useful for those interested in environmental aspects of geology. Lecture 2 hours, laboratory 3 hours.

Prerequisite: (MATH-104 or MATH-177 (<http://catalog.neiu.edu/search/?P=MATH-177>) or MATH-185 (<http://catalog.neiu.edu/search/?P=MATH-185>) or NEIU Math Placement Result 35 - 45 or ACT Math 25 - 36 or Accuplacer College Level Math 031 - 120) and.

ESCI-341. Environmental Hydrology. 4 Hours.

The course introduces surface water hydrology, emphasizing applications in urban and agricultural environments of the glaciated Midwest. The course includes basic principles of the processes, interrelationships, and measurement of precipitation, infiltration, evaporation, evapotranspiration, interflow, overland flow, stream flow, and ground water flow. Also covered are an introduction to quantification of watershed hydrologic budgets, hydrographs, flood routing, hydraulic drainage and control structures, and estimation of extreme events. Lecture 2 hrs., laboratory 3 hrs.

Prerequisites: ESCI-211 (<http://catalog.neiu.edu/search/?P=ESCI-211>) minimum grade of C and MATH-185 (<http://catalog.neiu.edu/search/?P=MATH-185>) minimum grade of C.

ESCI-350. Geotectonics. 4 Hours.

Geotectonics is the study of large-scale motion and deformation of earth's crust and mantle, the relationship of geodynamics to volcanic activity, earthquakes, and surface features, as well as the deep structure and movement of the interior of the earth. Interdisciplinary instruction of geological, geophysical, and geochemical concepts will allow students to develop a broad working knowledge of classic and current plate tectonics. Historical and recent papers on plate tectonics will be read, discussed, summarized in written reports, and presented to the class. Laboratories will consist of analyzing geologic, geophysical, geochemical, and remotely sensed evidence of current and ancient geodynamics.

Prerequisite: ESCI-211 (<http://catalog.neiu.edu/search/?P=ESCI-211>) minimum grade of C.

ESCI-390. Field Geology. 5 Hours.

Introduction to field methods including pace-and-compass and plane table mapping, field trips to south-central Wisconsin, preparation of geological maps and reports from field data. Attendance at a field camp for 14 days with additional on-campus lectures and laboratory work. Lecture 3 hours, Lab 3 hours.

Prerequisites: (ESCI-306 (<http://catalog.neiu.edu/search/?P=ESCI-306>) minimum grade of C or ESCI-206 minimum grade of C) and ESCI-331 (<http://catalog.neiu.edu/search/?P=ESCI-331>) minimum grade of C.

Economics (ECON)

Courses

ECON-109. First Year Experience: Money Matters: The Chicago Economy. 3 Hours.

This course is designed to provide students with an introduction to surviving in the Chicago economy. The five foundations of the First Year Experience (Future Planning, Integral Preparation, Research, Self-discovery and Transitions) are interwoven with the introductory field-specific concepts and terminology of economics. Students will be introduced to economic and financial literacy while learning what makes Chicago one of the greatest economic engines in the world. Students will examine the Chicago economy and collect data on major economic sectors in Chicago today with an eye on what it will take for workers, households and businesses to succeed in Chicago's future.

ECON-200. Essentials Of Economics. 3 Hours.

This course will provide students with an overview of general economic issues, principles and concepts in both microeconomics and macroeconomics. Through its integrated design, students will have the opportunity to analyze individual firms and markets as well as aggregate economic indicators. Topics to be covered include: inflation, unemployment and economic growth, with a focus on the government's role in its attempts to regulate the economy. Upon completion of the course, students will have gained a basic understanding of how people make decisions, how people interact, and how the economy as a whole works so that they may be able to conceptualize how the economy works, make better business decisions and establish a framework for viewing and interpreting the economic world around them.

Prerequisite: MATH-091 (<http://catalog.neiu.edu/search/?P=MATH-091>) minimum grade of D.

ECON-215. Principles Of Macroeconomics. 3 Hours.

Elementary aggregate economics. Among the topics covered are economic instability, countercyclical economic policies, money, the banking system, government economic activity, fiscal policy, monetary policy and national income theory.

Prerequisite: (MATH-091 (<http://catalog.neiu.edu/search/?P=MATH-091>) - 499 or MATH-091A - 499Z or NEIU Math Placement Result 02 - 45 or ACT Math 19 - 36 or Accuplacer Elementary Algebra 060 - 084 or Accuplacer College Level Math 020 - 120).

ECON-217. Principles Of Microeconomics. 3 Hours.

Among the topics covered are supply, demand, prices, the working of markets, the markets of labor and for other factors of production, distribution of the product and contemporary economic problems.

Prerequisite: (MATH-091 (<http://catalog.neiu.edu/search/?P=MATH-091>) - 499 or MATH-091A - 499Z or NEIU Math Placement Result 02 - 45 or ACT Math 19 - 36 or Accuplacer Elementary Algebra 060 - 084 or Accuplacer College Level Math 020 - 120).

ECON-220. Business And Economics Statistics I. 3 Hours.

Introduction to the principal methods of statistical analysis as applied to business and economic problems. Topics covered include descriptive statistics, introductory probability and probability distributions, statistical estimation, hypothesis testing and regression and correlation analysis with computer applications.

Prerequisite: MATH-165 (<http://catalog.neiu.edu/search/?P=MATH-165>) minimum grade of D or MATH-110 minimum grade of D.

ECON-221. Writing Intensive Program: Tools For Economists. 3 Hours.

This course introduces students to a wide variety of resources used by academic and applied economists. Students will learn the basics of word processing and spreadsheet design, with particular emphasis placed on the written description of data, tables and graphs, as well as academic and business writing styles. Students will also learn how to locate, interpret, and present publicly available economic data that are commonly cited in academic, business, and mass-audience publications. This is a reading- and writing-intensive course that satisfies NEIU's Writing Intensive Program (WIP) requirement for economics majors.

Prerequisites: (ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of C or ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of C) and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

ECON-302. Economic Development. 3 Hours.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of D and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of D.

ECON-303. Intermediate Macroeconomic Theory. 3 Hours.

Consumption and investment theory, the definitions and determination of national income, employment and the price level. Also considered are the economic effects of fiscal and monetary policy.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of D and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of D and (MATH-165 (<http://catalog.neiu.edu/search/?P=MATH-165>) minimum grade of D or MATH-110 minimum grade of D or MATH-177 (<http://catalog.neiu.edu/search/?P=MATH-177>) minimum grade of D).

ECON-304. Intermediate Microeconomic Theory. 3 Hours.

A systematic study of the role of the price system in organizing economic activity and an evaluation of its effectiveness; price determination and resource allocation under competition, monopoly, oligopoly and monopolistic competition; theories of demand, cost, partial, and general equilibrium.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of D and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of D and (MATH-165 (<http://catalog.neiu.edu/search/?P=MATH-165>) minimum grade of D or MATH-110 minimum grade of D or MATH-177 (<http://catalog.neiu.edu/search/?P=MATH-177>) minimum grade of D).

ECON-306. Labor Economics. 3 Hours.

Analysis of supply and demand for labor, the determination of wage rates, employment, working hours and labor force participation; with emphasis on the effects of unionism and government activities on these areas.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of D and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of D.

ECON-307. Money And Banking. 3 Hours.

The nature and functions of money and the role of the monetary sector in the determination of income and employment with particular attention on the institutional framework, money markets, commercial banking, deposit expansion, the Federal Reserve System and monetary policy and its instruments.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of D and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of D.

ECON-308. Comparative Economic Systems. 3 Hours.

Analysis of the structure, institutions and performance of alternative economic systems: capitalism, socialism, communism. Selected countries are studied as examples of each system.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of D and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of D.

ECON-309. Public Finance. 3 Hours.

An investigation of the economic effects of governmental activities. The major types of taxes and expenditure proposals are considered. In addition, intergovernmental fiscal relations and fiscal policy are discussed. The course will emphasize, but not be restricted to American fiscal institutions.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of D and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of D.

ECON-310. Writing Intensive Program: Business And Economic Statistics II. 3 Hours.

This course is a continuation of ECON-220 (<http://catalog.neiu.edu/search/?P=ECON-220>). Topics to be covered include analysis of variance, multiple regression and correlation, time series analysis, nonparametric tests, and decision theory with computer applications.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of D and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of D and ECON-220 (<http://catalog.neiu.edu/search/?P=ECON-220>) minimum grade of D and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

ECON-312. Mathematical Economics. 3 Hours.

Conventional macro- and microeconomic theories are set out in mathematical form utilizing algebra and calculus. Topics to be covered include sets, functions, matrices, differential and integral calculus and optimization.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of D and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of D and (MATH-165 (<http://catalog.neiu.edu/search/?P=MATH-165>) minimum grade of D or MATH-110 minimum grade of D or MATH-177 (<http://catalog.neiu.edu/search/?P=MATH-177>) minimum grade of D).

ECON-313. Economic History Of Europe. 3 Hours.

Development of the modern economic systems and institutions of Europe from their late medieval and Renaissance beginnings; the revival of trade, the growth of towns, the commercial revolution, the development of new systems of economic thought to support capitalism, the industrial revolution, the rise of new economic forms such as socialism, modified capitalism, and "mixed" economies in the twentieth century.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of D and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of D.

ECON-314. The Development Of Economic Thought. 3 Hours.

Historical survey of the major streams of economic thought including classical, Marxian, Institutional, neoclassical, radical and monetarist thought. The course covers the origins, methods and validity of economic theories.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of D and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of D.

ECON-315. American Capitalism. 3 Hours.

Contemporary controversial interpretations of American capitalism; the course centers around ideas of laissez-faire, government regulation and government-business relations; analysis of private property, competition, free enterprise; views of conservatives, liberals and radical are considered, and a critical examination of recent reformulations of the capitalist system is undertaken.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of D and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of D.

ECON-316. Independent Study In Economics. 3 Hours.

Intensive study of special topics of economics; faculty guidance.

ECON-318. Introduction To Econometrics And Forecasting. 3 Hours.

Introduction to the methods by which economic theories are tested with emphasis on applications. Topics include bivariate and multiple regression techniques, hypothesis testing, and violation of the common assumptions. Computer usage.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of D and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of D and ECON-220 (<http://catalog.neiu.edu/search/?P=ECON-220>) minimum grade of C and (MATH-165 (<http://catalog.neiu.edu/search/?P=MATH-165>) minimum grade of D or MATH-110 minimum grade of D or MATH-177 (<http://catalog.neiu.edu/search/?P=MATH-177>) minimum grade of D).

ECON-320. Writing Intensive Program: Non Profit Management, Administration & Communications. 3 Hours.

This course is designed to prepare students for careers in the non-profit world and to introduce the principles of effective professional communications. Students will be required to volunteer a minimum of two (2) hours per week with a non-profit organization and to produce weekly correspondence related to the internship. The course will be taught as a hybrid course and utilize online, topic specific discussions.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

ECON-321. International Monetary Theory & Relations. 3 Hours.

This course will provide an analysis of the international monetary system and the institutions that link national economies through exchange rates, balance of payments, and international asset transactions. Particular attention will be paid to the evolving international monetary system of flexible exchange rates and highly mobile international capital. This course will be valuable to students interested in careers in international economic policy, international banking, and finance, and in international political economy.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of C and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of C.

ECON-322. International Economics. 3 Hours.

This course will provide an introduction to the fundamentals of international trade theory; theoretical, institutional and historical aspects of international microeconomic relations are considered, including, tariffs, quotas, and U.S. and other countries' commercial policies.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of D and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of D.

ECON-323. Writing Intensive Program: Economic Development. 3 Hours.

This course will examine the process of economic development primarily at the nation level throughout the world. Students will study important theories of development and will be expected to apply these to writing and research on a specific country, and to disseminate their work to the class.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of D and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of D and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

ECON-324. The Economics Of The European Union. 3 Hours.

This course will provide an overview of the history, objectives and economics policy issues of the European Union. The focus of the course will be on a theoretical analysis of the principal economic problems facing the European Union. These problems include: agricultural policy, trade policy, the creation of a single market and single currency, further expansion, and relations with the United States. The course requires that students have a background and sound understanding of the principles of macro and micro economics.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of D and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of D.

ECON-331. American Economic History. 3 Hours.

Survey of American economic history from the colonial period to the present; controversial issues and interpretations in American history.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of D and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of D.

ECON-332. Industrial Organization. 3 Hours.

Analysis of the competitive structure of industries and the major determinants of industrial organization such as economies of scale, mergers, vertical integration, advertising and their effects on competitive firm behavior. Examination of the economic foundations and effects of government policies to regulate monopoly.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of D and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of D.

ECON-333. Urban Economics. 3 Hours.

Presentations of fundamental economic tools applicable to urban problems; identification of the economic causes of these problems and analysis of policies designed to correct them.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of D and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of D.

ECON-334. Cost-Benefit Analysis. 3 Hours.

Alternative economic policies resulting from weighing the merits of spending public expenditures on various public projects. A systematic approach to the evaluation of individual projects in the selection of the best project to accomplish a given purpose, and in the establishment of priority order among the projects competing for limited funds.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of D and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of D.

ECON-335. Economics Of Transportation. 3 Hours.

Demand for and costs of transportation. Urban and interurban markets for transport of people and goods. Regulation, deregulation, and public policy.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of D and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of D.

ECON-336. Health Economics. 3 Hours.

This is a course in applied economic theory that examines the determinants of health status as well as the determinants of the market quantity and price of health care services. Specific topics covered include: consumer factors which determine demand for health and health care utilization; the role of health insurance in determining health and health care utilization; behavior of health care providers under various types of financial reimbursement mechanisms and market structures.

Prerequisites: ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of C and MATH-091 (<http://catalog.neiu.edu/search/?P=MATH-091>) minimum grade of C.

ECON-337. Environmental Economics. 3 Hours.

This course allows students to explore and understand the role of economics in analyzing environmental issues and in the development of environmental policy. Some of the topics covered include: air and water pollution, transitioning from depletable to renewable resources; biodiversity and issues of sustainability, energy and transportation.

Prerequisites: ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of C and ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of C.

ECON-340. Managerial Economics. 3 Hours.

The application of economic theory to the analysis of business decision-making. Topics include the theory of production, cost, pricing, and capital budgeting. Specific tools such as constrained maximization and regression analysis are applied in a case approach to the estimation and forecasting of revenues and costs, and to the preparation of budget forecasts.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of D and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of D.

ECON-343. Macroeconomic Data Analysis. 3 Hours.

The manipulation, presentation, and interpretation of real macroeconomic data. Concepts include GDP, inflation, interest rates, exchange rates, and nominal and real variables. Students will gain experience applying formulas, preparing graphs, and uncovering basic statistical relationships among data series.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of C and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of C and MATH-165 (<http://catalog.neiu.edu/search/?P=MATH-165>) minimum grade of C.

ECON-344. Financial Economics. 3 Hours.

This course will provide students with the economic tools that are critical to understanding the idea of risk and return and how various factors affect the valuations of assets like bonds, stocks, mutual funds or houses. These concepts are also useful for the types of analysis done by financial experts in banks, financial institutions, and companies who also have to understand the risk-return of various assets and overall financial decisions. This course also emphasizes the deep interconnections of finance with macroeconomics more generally.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of C and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of C.

ECON-377. Real Estate Economics. 3 Hours.

This course provides an overview of the economics of real estate markets. Primary focus is on the interaction of supply and demand in determining real estate property valuations and other real estate-related assets such as mortgage-backed securities. Different methods of determining real estate valuations are examined, including residential, cost, hedonic, and income-based approaches for commercial and residential properties. Additionally, the link between real estate markets and the broader economy is examined, including emphasis on the mortgage industry and mortgage markets.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of C and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of C.

ECON-3953. Internship In Economics. 3 Hours.

The internship in economics is designed for students in the Department of Economics with a declared major or minor and who are approaching the terminus of their program and wish to apply their learned knowledge within a non-academic and professional setting. For many students, an internship constitutes a first glimpse into "how economists work" outside of the classroom and, consequently, serves as a guide for future career goals and opportunities. Additionally, well-received interns often obtain strong letters of recommendation and/or the option of permanent employment.

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of C and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of C and ECON-303 (<http://catalog.neiu.edu/search/?P=ECON-303>) minimum grade of C and ECON-304 (<http://catalog.neiu.edu/search/?P=ECON-304>) minimum grade of C.

ECON-3956. Internship In Economics. 6 Hours.

See course description for ECON-3953 (<http://catalog.neiu.edu/search/?P=ECON-3953>).

Prerequisites: ECON-215 (<http://catalog.neiu.edu/search/?P=ECON-215>) minimum grade of C and ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of C and ECON-303 (<http://catalog.neiu.edu/search/?P=ECON-303>) minimum grade of C and ECON-304 (<http://catalog.neiu.edu/search/?P=ECON-304>) minimum grade of C.

ECON-401. Fundamentals Of Business Economics. 4 Hours.

Provides knowledge of microeconomic and macroeconomic theory necessary for advanced business analysis.

Educational Foundations (EDFN)

Courses

EDFN-109. First Year Experience: Schooling Chicago: Communities, Public Education And Change. 3 Hours.

This course analyzes education in and outside Chicago Public Schools as a key social institution that both influences and is influenced by the larger society. You will be introduced to a wide array of topics and case studies that elaborate on the embeddedness of classrooms and schools in social environments across Chicago. This course will span a variety of school processes such as curricular differentiation, social and economic reproduction, voluntary associations (extra-curricular clubs, parent organizations), social groupings and peer influence. Particular attention is paid to questions about the relationship between social stratification and education. For example, how is the structure, content and funding of schools across Illinois affected by wider social and political conflicts? Does educational attainment affect an individual's economic status? Does education promote social equality? This course will introduce students to use of new information technologies in k-12 education.

EDFN-202. Laboratory In The Foundations Of Education. 1 Hour.

Students will be guided toward appropriate experiences in a school setting that will increase their understanding and utilization of concepts developed in the foundations courses. Chicago metropolitan area schools and other settings will be used as the laboratory.

EDFN-203. Laboratory In The Foundations Of Education. 2 Hours.

(See EDFN-202 (<http://catalog.neiu.edu/search/?P=EDFN-202>) for description.).

EDFN-204. Laboratory In The Foundations Of Education. 3 Hours.

(See EDFN-202 (<http://catalog.neiu.edu/search/?P=EDFN-202>) for description.).

EDFN-206. Laboratory In Foundations Of Education. 1 Hour.

(See EDFN-202 (<http://catalog.neiu.edu/search/?P=EDFN-202>) for general description) Specific to understanding and utilization of concepts developed in EDFN-306 (<http://catalog.neiu.edu/search/?P=EDFN-306>) (Educational and Individual Differences).

EDFN-207. Laboratory In Foundations Of Education. 1 Hour.

(See EDFN-202 (<http://catalog.neiu.edu/search/?P=EDFN-202>) for general description) Specific to understanding and utilization of concepts developed in EDFN-307 (<http://catalog.neiu.edu/search/?P=EDFN-307>) (Psychology of Instruction and Learning).

EDFN-216. Child And Adolescent Development:Individual Differences. 3 Hours.

Consideration of Human developmental individual differences, including diversity within physical, social, emotional, and cognitive domains from birth through adolescence. Focus will include: 1) genetic, maturational, and environmental factors effects on development; 2) impact of special education and other federal laws on working with children in the classroom; 3) building observational skills for assessing differences to aid student development; 4) study of selected individual children or adolescents; 5) application of principles to classroom practice. Ten hours of classroom observation required. Ten hours of service required.

EDFN-217. Educational Psychology. 3 Hours.

Principles of educational psychology, focusing on learning, assessment of learning, motivation and classroom management for a diverse, global society, including special need students. Ten hours of classroom observation required. Ten hours of service learning required.

EDFN-302. Philosophical And Historical Foundations Of Early Childhood Education. 3 Hours.

Survey philosophical, historical and psychological bases of early childhood education; a comparative evaluation of past and present educational programs for children from birth to age eight, in public and private school settings; readiness issues and intervention trends in early childhood education; professional responsibilities of early childhood educators.

EDFN-303. Early Childhood Development. 3 Hours.

Studies the growth and development of young children from birth to age eight, including physical, cognitive and social-emotional development. Presents major theories, principles, concepts and research in child development. The role of play in development is addressed. Students complete observations of children at various developmental levels.

EDFN-305. Philosophical And Historical Foundations Of Public Education. 3 Hours.

The exploration of differing views of the aims of public education in America. The study of the historic settings in which the system developed. Identification of major social and cultural problems in relation to their historic antecedents. The study of various philosophic schools of thought and their impact on educational theory and practice, past and present.

EDFN-306. Education And Individual Differences. 3 Hours.

Consideration of individual differences and principles of human development as factors in creating effective learning environments. Emphasis on: (1) understanding children and adolescents as individuals with differing abilities, aptitudes, interests, emotional responses and accomplishments as the result of genetic, maturational and environmental factors. Special attention given to children and adolescents covered by Public Law 94-142; (2) observational skills for assessing differences in order to aid student development. Focused study by each student of children or adolescents at a particular age level; (3) application of knowledge of developmental and individual differences to classroom practice. Twenty hours of classroom observation required.

EDFN-307. Psychology Of Instruction And Learning. 3 Hours.

Study and application to the teaching situation of theories and principles of learning (cognitive, affective, behavioral), motivation and classroom management including problems of mainstreaming. Also attention to establishing objectives, instructional design concepts, evaluation of learning and introduction to statistical analysis of scores. Focused study by each student of classroom in terms of application of theories and applications associated with learning and instruction. Twenty hours of classroom observation required.

Prerequisites: College of Education Admission YES and (EDFN-306 (<http://catalog.neiu.edu/search/?P=EDFN-306>) minimum grade of C or ZFND-306 minimum grade of C).

EDFN-308. Teaching And Learning. 1.5 Hour.

This course is designed to have the learner study and apply psychological theories and principles of instruction, learning (cognitive, affective, and behavioral), classroom and school-wide diversity, motivation, productive learning environments, assessment strategies, achievement, classroom management including inclusion, standardized testing and interpreting test scores. Offering this course concurrently with student teaching will allow students an authentic learning experience allowing them to directly apply theory learned in this course to real life issues that they are experiencing in their student teaching.

Prerequisite: College of Education Admission YES.

EDFN-312. Seminar In Current Educational Literature. 3 Hours.

An examination of current educational literature included would be recent research findings, important views of educational critics, newly developed theories of learning and education and innovative practices in educational institutions.

EDFN-313. Problems, Issues And Practices In Education. 3 Hours.

An in-depth examination of salient issues confronting contemporary American education. Topics selected are varied in accordance with student interest.

Prerequisite: College of Education Admission YES.

EDFN-314B. Race, Identity, & Cultures In Education. 3 Hours.

This course examines theories and methods of educating children of diverse racial, cultural and linguistic backgrounds in the U.S. school system. Students will learn how to identify cultural, and linguistic differences that may impede a person's progress in an educational system or in learning a new language or culture. Students will develop an understanding of how these differences can be used as a positive rather than negative resource in the teaching-learning process.

EDFN-314K. Social Justice And The Politics Of Education. 3 Hours.

In this course, students will examine social justice concerns in educational policy and practice. This course will explore theories and debates about social justice goals and themes, and education. Through our study of critical issues in education globally and locally, we will explore ideas about the role of education in society. The following questions are central to the course: What concepts and conditions constitute "social justice"? What kind of education is needed in a democracy? What is the relationship between schooling and participation in democratic life?.

EDFN-314L. Gender, Race, And Class Issues In Education. 3 Hours.

This course focuses on the role of the educational system in the constructions and reproduction of gender and racial inequality. Using both academic and popular literature to gain perspectives, we will examine relationships between school and society. Topics to be addresses include the historical constructions, representation of schooling and the teaching profession, popular culture and education, class and schooling, access and equity of schooling experiences, as well as sexuality and schooling.

EDFN-321. Group Dynamics In Educational Settings. 3 Hours.

Study of principles of group dynamics as they affect classroom behavior. Development of skills in observing, recording and analyzing group phenomena, in creating and facilitating effective groups, in developing supportive environments and in group leadership. Course topics include communication, leadership, norms, subgroups and cliques, ability grouping, small group projects, peer teaching and group approaches to discipline problems. Reading and discussion of group dynamics literature, observation and analysis of classrooms, group investigations of specific topics and practice in group leadership skills.

EDFN-322. Introductory Statistical Analysis In Education. 3 Hours.

An introduction to statistical analysis with special focus on methods employed in educational research and evaluation. Topics include descriptive statistics, correlational techniques, elementary probability theory and elementary parametric and non-parametric statistical tests of hypotheses. Emphasis is placed on theoretical foundations, computational skills and computer utilization.

EDFN-342. Teaching With Technology. 3 Hours.

This course focuses on instructional use of computer technology and helps students develop technology integration skills. Students will understand how to enhance learning experiences through meaningful integration of technology. They will learn to use different programs and tools to facilitate teaching and learning in classrooms.

Prerequisite: College of Education Admission YES.

EDFN-343. Using Technology In Classrooms. 2 Hours.

This course focuses on the instructional use of computer technology and helps students develop foundational skills in technology integration in K-8 classrooms. Students will understand how to enhance learning experiences through meaningful integration of technology. They will learn to use different programs and tools to facilitate teaching and learning in classrooms.

EDFN-350. Philosophy Of Curriculum Integration In Middle Grades. 3 Hours.

This course focuses on the philosophical, theoretical, and practical tenets of middle level education. The course explores interdisciplinary project-, problem-, and challenge-based curriculum to learn various approaches for developing cohesive, integrated curriculum and authentic assessment in the middle grades 5-8. Particular attention will focus on developing skills through inquiry and justice-oriented projects that transcend disciplinary boundaries and are relevant and responsive to students' questions and curiosities.

Prerequisites: EDFN-305 (<http://catalog.neiu.edu/search/?P=EDFN-305>) minimum grade of C and EDFN-319 minimum grade of C and ELED-300 (<http://catalog.neiu.edu/search/?P=ELED-300>) minimum grade of B and SPED-317 (<http://catalog.neiu.edu/search/?P=SPED-317>) minimum grade of B and MLED-302 (<http://catalog.neiu.edu/search/?P=MLED-302>) minimum grade of B and MLED-310 (<http://catalog.neiu.edu/search/?P=MLED-310>) minimum grade of B and BLBC-338 (<http://catalog.neiu.edu/search/?P=BLBC-338>) minimum grade of B and MLED-328A (<http://catalog.neiu.edu/search/?P=MLED-328A>) minimum grade of B and ELED-303 (<http://catalog.neiu.edu/search/?P=ELED-303>) minimum grade of B and MLED-309 (<http://catalog.neiu.edu/search/?P=MLED-309>) minimum grade of B and MLED-305 (<http://catalog.neiu.edu/search/?P=MLED-305>) minimum grade of B.

EDFN-405. Development Of Educational Thought. 3 Hours.

An examination of the historical development of American education and some of its antecedents. A study of the educational theories of selected philosophies; an examination of the purposes of education in pluralistic America; an evaluation of educational institutions and practices in terms of present circumstances.

EDFN-406. Human Development And Learning. 3 Hours.

The study of theories and principles of development of school age children and youth. Focus on current theories and research and their implications for learning and identification of teaching practices that facilitate the acquisition of intellectual and social skills of children and youth. Attention to characteristics covered by PL.94-142 as well as differences due to social, cultural and ethnic factors. Twenty hours of classroom observation required.

EDFN-407. Learning Theories And Educational Practices. 3 Hours.

Analysis of classroom learning and management in terms of principles and theories of learning and motivation and recent research on effective teaching. Twenty hours of classroom observations required.

Prerequisite: College of Education Admission YES.

EDFN-410. Education As A Social Institution. 3 Hours.

Study of the school as a social system and as an institution which influences and is shaped by other institutions of society. Particular attention is given to urban education. Laboratory experiences are expected.

EDFN-411. Comparative Education. 3 Hours.

This course provides the student in the College of Education with an opportunity to study a variety of critical issues and current topics which relate to the fields of comparative and international education. This course will provide students with an opportunity to utilize Internet and other distance education opportunities. Students participating in this course will also have the option of participating in an educational experience outside of the United States. This international experience is designed to enhance the students's mastery of international and comparative education elements of the course topic.

EDFN-411A. Comparative Education:Higher Education. 3 Hours.

This course provides the student with an opportunity to development, structures, governance of, and critical issues of higher education systems in the United States with those of another country.

EDFN-411B. Comparative Education:Leadership. 3 Hours.

This course provides the student with an opportunity to analyze leadership not only as an understandable process, but also as a universal one by comparing and contrasting leadership theories, practices and actions as they are applied in social and educational systems different from the United States.

EDFN-411C. Comparative Education:Middle School Culture. 3 Hours.

Opportunity to study a variety of critical issues and topics related to middle school culture, especially comparing diverse middle school. Topics include the sociology and anthropology of school culture; development of diverse middle school cultures, interpersonal communication to work with diverse high needs students and their families; community-based support programs for diverse middle school; functional differences between various middle school and other school cultures. Special emphasis will be placed on learning and practicing the roles and skills of group leadership within a participatory, cooperative, adventure and team-based culture.

EDFN-413. Power, Communities And Change. 3 Hours.

The purpose of this course is to provide a forum and structure for community and school leaders to increase their understanding of school-community relations while enhancing their ability to implement effective programs and act as change agents. Participants will deepen their understanding of salient and critical global and local policy issues and develop skills to actively and participate in the public life of their communities. Course involves out of class time activities and community engagement.

EDFN-416. Cultural Pluralism And Schools. 3 Hours.

The study of multicultural groups: differences and commonalities. Special emphasis is on the investigation and evaluation of various concepts and models of cultural and subcultural relationships as manifested in the schools. Study and application of ethnographic methods to sub-cultures related to and within the educational context.

EDFN-419. Adolescent Development And Educational Practice. 3 Hours.

In-depth study of theory and research related to adolescent behavior and development as these affect learning and classroom behavior. Classroom observation required.

EDFN-420A. Seminar In Development & Learning: Contemporary Issues In Middle Level Education. 3 Hours.

This course examines theory and key components involved in middle level education settings relating to historical and contemporary issues facing middle schools. In focusing on historical, organizational, and philosophical characteristics of middle schools, and how these impact middle level education as well as educators, the course explores social and cultural issues and their impact on middle level students, and his/her school. Topics include but not limited to an overview of challenging curriculum and instruction, empowering and equitable schools and classrooms for all middle level students and their families, and dealing with special aspects of middle school design and development.

EDFN-421. Middle School Advisory & Counseling. 3 Hours.

This course emphasizes the ways middle school teachers can help meet the developmental needs of early adolescents through consultation, collaboration and counseling. Content includes key elements of an effective middle school guidance program and how to implement these elements in schools; the developmental characteristics and needs of early adolescents as related to the development of school guidance, advisory, special education and regular education programs and the teacher advisor as a communicator, student advocate, supporter-confidant and home-school liaison who can assess, coordinate and refer students for various health, social and special needs services.

EDFN-441. Digital Literacy: Learning And Leadership. 3 Hours.

This course is intended to foster digital literacy among participants as it applies to education and leadership. Course content will emphasize contemporary issues and utilize authentic learning experiences to improve participants' digital technology knowledge and skills. Through the improvement of technology knowledge and skills, participants' leadership capacity will be developed or enhanced so that they may be able to use technology effectively as school leaders or community leaders.

EDFN-442. Media Technology For Educators. 3 Hours.

The media technology course will encompass all types of curricular/learning materials in varied formats ζ CD-ROM, laser disc technology, telecommunications, satellite learning, and online databases. Multimedia educational software will be integrated into computer instruction in multicultural/multiethnic learning presentations. Electronic data management, classroom application, and integrated learning systems will be utilized in educational settings.

EDFN-443. Integrating Media Technology Into Elementary Classroom. 3 Hours.

This class will familiarize participants with media and technology for instructional use in K-8 classroom settings. Participants will learn to utilize current media technology to enhance teaching, learning, and assessments. The learning activities in this class include the development of projects that enhance the creativity and media technology knowledge base of teacher candidates. This knowledge base will be developed through readings, interactive discussions, reflections, creative process, and presentations. This course focuses on both the knowledge and skills needed to use technology to teach, to design curriculum, and also to enable elementary students use the technology in their assignments.

EDFN-450. Philosophy Of Inquiry- And Problem-Based Learning In Middle Grades. 3 Hours.

This course focuses on the philosophical, theoretical, and practical tenets of inquiry- and problem-based curriculum in middle level grades 5-8. The course both exposes and immerses candidates in the processes of designing and enacting integrated and interdisciplinary curriculum and developing authentic assessments. Particular attention will focus on developing competencies for creating justice-oriented, culturally relevant and responsive curricula centered on students' questions, interests, and ideas. Taken concurrently with ONE of the following in the candidate's endorsement area: LTCY-502 (<http://catalog.neiu.edu/search/?P=LTCY-502>) Reading; MLED-403 (<http://catalog.neiu.edu/search/?P=MLED-403>) Teaching Math; MLED-415 (<http://catalog.neiu.edu/search/?P=MLED-415>) Inquiry Science MS; MLED-416 (<http://catalog.neiu.edu/search/?P=MLED-416>) Social Studies MG.

Prerequisites: ELED-506 (<http://catalog.neiu.edu/search/?P=ELED-506>) minimum grade of C and EDFN-442 (<http://catalog.neiu.edu/search/?P=EDFN-442>) minimum grade of C and ELED-435 (<http://catalog.neiu.edu/search/?P=ELED-435>) minimum grade of C and ELED-504 (<http://catalog.neiu.edu/search/?P=ELED-504>) minimum grade of C and LTCY-513 (<http://catalog.neiu.edu/search/?P=LTCY-513>) minimum grade of C and SPED-404 (<http://catalog.neiu.edu/search/?P=SPED-404>) minimum grade of C and BLBC-440 (<http://catalog.neiu.edu/search/?P=BLBC-440>) minimum grade of C and EDFN-405 (<http://catalog.neiu.edu/search/?P=EDFN-405>) minimum grade of C and ELED-525 (<http://catalog.neiu.edu/search/?P=ELED-525>) minimum grade of C.

EDFN-451. Research Methods. 3 Hours.

The purpose of this course is to help develop knowledge, skills and dispositions related to standardized and action research methods. This course will include quantitative, qualitative and mixed methods designs, data collection, analysis and interpretation as they relate to teaching and leadership. Students will understand how assessment is used to improve learning and achievement, how professional development improves learning and how leadership enhances learning and development.

EDFN-455A. Seminar I. 3 Hours.

This seminar provides an opportunity for students to synthesize educational, intellectual and experiential interests. Students apply relevant research to their area of inquiry and utilize this research to write a master's level research paper. This process will involve both intensive individual work and significant engagement with peers' projects creating an interdisciplinary learning community through interaction and collaboration. Students are expected to follow a prescribed procedure under the direct guidance and supervision of the instructor that will produce a research proposal.

EDFN-455B. Seminar II. 3 Hours.

This seminar provides an opportunity for students to synthesize educational, intellectual and experiential interests. Students apply relevant research to their area of inquiry and utilize this research to write a master's level research paper. This process will involve both intensive individual work and significant engagement with peers' projects creating an interdisciplinary learning community through interaction and collaboration which implements a research proposal and culminates in a completed research study. Students are expected to follow a prescribed procedure under the direct guidance and supervision of the instructor.

EDFN-458M. Practicum: Experiences In Diverse Middle School. 3 Hours.

Purpose of this course is to provide the student with a supervised experience in the application of the principles associated with an effective middle school program by participating in developing and implementing action research targeted to build one's own teaching activities related to middle school. This course requires 100 hours of a combination of experiences within and beyond one's own classroom.

EDFN-490. Adult Learner. 3 Hours.

EDFN-492. Social Justice Education In Schools. 3 Hours.

This course engages students in an examination of historical and contemporary approaches to promoting equity and justice in K-12 education, including curricular, pedagogical, and policy-related interventions. Topics include but are not limited to the relationship between social justice education and student outcomes, strategies for enacting social justice in standards-based classrooms, and approaches to designing, implementing and evaluating social justice curriculum and policy.

Educational Leadership (ELAD)

Courses

ELAD-109. First Year Experience:School's Out:Chicago's Bouquet Of Nontraditional Educational Programs. 3 Hours.

Chicago is renowned for its world class museums, music, theaters, gardens, zoos, and other attractions. From the Museum of Broadcasting to the Art Institute- all of these institutions have educational programs open to the citizens of Chicago. Explore then via internet, interviews, guest presenters and field trips. Open your mind to the diversity of learning and teaching opportunities available outside of school in our city. This course will enable you to: Gain an appreciation of many of these programs, Raise your awareness of the various fields of knowledge involved, Use findings to create written, oral and electronic presentations about these programs, Sharpen your research, writing and thinking skills, Probe your career opportunities, and Expand your horizons and creativity.

Education (EDUC)

Courses

EDUC-322. Independent Study In Education. 3 Hours.

Elementary Education (ELED)

Courses

ELED-101. Orientation To Teaching In The Elementary Education School. 3 Hours.

ELED-109. First Year Experience: Building Chicago One Teacher At A Time. 3 Hours.

In this course the five foundations (Future Planning, Integral Preparation, Research, Self-discovery, and Transitions) of Northeastern's First-Year Experience program are taught alongside an introduction to content specific to the discipline of Teaching of Elementary Education. Introduction to Chicago schools, communities, and diverse student population as well as curricular models, school structures and best practices in teaching.

ELED-300. Instructional Design In The 21st Century Classroom. 1.5 Hour.

This course prepares future K-8 teachers to teach all learners in today's classrooms. Special focus is given to teaching elementary and middle school students with a variety of needs and abilities, including English language learners, students with disabilities, gifted/talented students, and reluctant students. This diversity brings some challenges for teachers. Strategies and practices are taught to prepare future teachers for these challenges in instruction and assessment.

Prerequisite: College of Education Admission YES.

Corequisite: ELED-302 (<http://catalog.neiu.edu/search/?P=ELED-302>).

ELED-301. Curriculum Of The Elementary School. 3 Hours.

The relationship of theory to practice is studied in a variety of elementary and middle school curricula. Analyses and interpretations of teaching-learning processes are conducted. Special attention is directed to (1) instructional objectives in planning, (2) application of theories of child development, learning, classroom management, and instructional methodology to multicultural curriculum development, (3) unit and lesson planning, and (4) evaluation techniques. Strategies for meeting the needs of students with special needs are explored.

Prerequisites: EDFN-306 (<http://catalog.neiu.edu/search/?P=EDFN-306>) minimum grade of C and College of Education Admission YES.

Corequisite: ELED-302 (<http://catalog.neiu.edu/search/?P=ELED-302>).

ELED-302. Writing Intensive Program: Foundation Of Teaching The English Language Arts. 3 Hours.

Course designed to provide candidates with an overview of the theory, best practices, curriculum design and materials used in teaching language arts in K through middle school classrooms. Language Arts instruction includes mastery of six language arts competencies: reading, writing, listening, talking, viewing and visual representation, and emphasizes integration of the arts including drama, movement and vocal expression. The course addresses differentiating instruction to meet the needs of diverse learners including special needs students and English Language Learners. It is a writing intensive course affording students the opportunity to demonstrate competency in writing in various genres.

Prerequisites: College of Education Admission YES and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

Corequisites: ELED-301 (<http://catalog.neiu.edu/search/?P=ELED-301>), ELED-300 (<http://catalog.neiu.edu/search/?P=ELED-300>), SPED-317 (<http://catalog.neiu.edu/search/?P=SPED-317>).

ELED-303. Children's And Young Adult Literature. 1.5 Hour.

This course familiarizes students with quality children's and young adult literature for elementary and middle grades. Students will learn to select, discuss, and critique books appropriate for this age range. Assigned readings and projects will enable students to develop critical, analytical and instructional skills for integrating culturally diverse children's literature across the curriculum.

Prerequisite: ELED-302 (<http://catalog.neiu.edu/search/?P=ELED-302>) minimum grade of C.

Corequisites: ELED-309 (<http://catalog.neiu.edu/search/?P=ELED-309>), ELED-328.

ELED-304. Methods Of Teaching Inquiry-Based Social Studies. 3 Hours.

A study of theories and methods for teaching social studies with an emphasis on social justice education in the elementary and middle school. The candidates will gain an understanding of selected issues such as, critical and multicultural pedagogy, learning styles and integration of literature and language arts. Candidates will engage in critical thinking, problem solving, inquiry and discovery learning and collaboration. The course will also address differentiation for special needs and English learners, planning, assessment, and reflection.

Prerequisites: ELED-300 (<http://catalog.neiu.edu/search/?P=ELED-300>) minimum grade of B and College of Education Admission YES.

ELED-305. Methods Of Teaching Science In Elementary And Middle Schools. 3 Hours.

ELED-305 (<http://catalog.neiu.edu/search/?P=ELED-305>) is a study of instructional methods and materials for teaching science to all students including linguistically and culturally diverse learners, and exceptional children. The course explores the theoretical framework for the nature of science (NOS), and methods of inquiry in teaching science. The emphasis is on the development of inquiry-based lessons to promote the skills of the scientific process using hands-on experimentation. Classroom management strategies conducive to the implementation of successful individual and group science investigations are also included. There is a focus on the intermediate and middle school grades.

Prerequisites: ELED-301 (<http://catalog.neiu.edu/search/?P=ELED-301>) minimum grade of B and ELED-302 (<http://catalog.neiu.edu/search/?P=ELED-302>) minimum grade of B and College of Education Admission YES.

ELED-306. Methods Of Literacy Instruction. 3 Hours.

The course is designed for pre-service teachers to develop the knowledge and skills to teach literacy in K-8 classrooms. Content includes: concepts of print, phonemic awareness, phonics, word knowledge, comprehension, and the writing process; literacy assessments; grouping strategies and instructional frameworks that support differentiated instruction. Issues of diversity and equity as they relate to literacy teaching and learning in today's 21st century context will be threaded throughout the course with an emphasis on working with diverse student populations.

Prerequisites: ELED-301 (<http://catalog.neiu.edu/search/?P=ELED-301>) minimum grade of C and ELED-302 (<http://catalog.neiu.edu/search/?P=ELED-302>) minimum grade of C and College of Education Admission YES.

Corequisite: ELED-328B (<http://catalog.neiu.edu/search/?P=ELED-328B>).

ELED-306A. Methods Of Teaching Reading-Elementary School With Clinical Experience. 3 Hours.

Examines current issues and research in the teaching of reading. Emphasis is given to exploring the instructional methods and materials for teaching reading to all students including linguistically and culturally diverse learners and students with special needs. Principles of classroom management are included. Accompanied by 100 hours of supervised, sequential clinical experiences culminating in teaching student developed instructional units. Emphasis on intermediate and middle school grades.

Prerequisites: ELED-301 (<http://catalog.neiu.edu/search/?P=ELED-301>) minimum grade of B and ELED-302 (<http://catalog.neiu.edu/search/?P=ELED-302>) minimum grade of B and College of Education Admission YES.

Corequisite: ELED-328.

ELED-306B. Methods Of Teaching Reading-Elementary School Without Clinical Experience. 3 Hours.

For non-program students who do not need the 100 hours of supervised, sequential clinical experiences.

ELED-309. Reading & Writing In The Content Areas. 1.5 Hour.

In this course, pre-service teachers will develop the knowledge, skills, and understandings to support the literacy development of students in elementary and middle grades with a focus on literacy in the content areas. The content of this course includes: the teaching of academic and discipline-specific vocabulary; the role of prior knowledge and cognitive/metacognitive strategies in comprehension; writing to learn; literacy assessment; grouping strategies and instructional frameworks that support differentiated instruction using tradebooks, digital texts, and other non-print materials; motivation; and lesson/unit planning. Issues of diversity and equity as they relate to literacy will be threaded throughout the course.

Prerequisite: ELED-302 (<http://catalog.neiu.edu/search/?P=ELED-302>) minimum grade of C.

Corequisites: ELED-303 (<http://catalog.neiu.edu/search/?P=ELED-303>), ELED-328.

ELED-310. Elementary And Middle School Math Methods. 3 Hours.

Development of methods, techniques, and teaching aids for the teaching of mathematical concepts to all children including exceptional and gifted students in multicultural classrooms. Appropriate techniques in classroom management are included. Emphasis on grades K-8.

Prerequisites: ELED-301 (<http://catalog.neiu.edu/search/?P=ELED-301>) minimum grade of B and ELED-302 (<http://catalog.neiu.edu/search/?P=ELED-302>) minimum grade of B and College of Education Admission YES.

ELED-312. Teaching Strategies For English Language Learners & Multicultural Students. 3 Hours.

This course explores a variety of cultural values, languages, and the process of social integration of American ethnic groups that children bring to middle level classrooms and the teacher's role in enhancing each Early Adolescence's learning experiences. Decision making skills in selecting content area instructional strategies for English Language Learners and Multicultural groups will be the emphasis. Field experiences will be done in conjunction with course assignments.

ELED-315. Teaching In The Inner City Elementary School. 3 Hours.

Educational problems inherent in the inner city milieu, exploration of developmental learning concerns as applicable in various ethnic groups; study of socio-economic conditions as relating to educational achievements.

Prerequisites: ELED-301 (<http://catalog.neiu.edu/search/?P=ELED-301>) minimum grade of B and ELED-302 (<http://catalog.neiu.edu/search/?P=ELED-302>) minimum grade of B.

ELED-320. Classroom Management. 1.5 Hour.

This course will provide teacher candidates with the theoretical and practical foundations necessary to manage and organize the classroom. The class will explore strategies and approaches for guiding student behavior, fostering engagement, and designing a classroom conducive to student learning. Candidates will develop a personal management plan based on the theorists examined and practical examples shared. Candidates will also design an ideal classroom to demonstrate understanding of creating.

Prerequisites: ELED-301 (<http://catalog.neiu.edu/search/?P=ELED-301>) minimum grade of B and ELED-302 (<http://catalog.neiu.edu/search/?P=ELED-302>) minimum grade of B and College of Education Admission YES.

ELED-328B. Clinical Experience In Elementary Education. 3 Hours.

ELED-328B (<http://catalog.neiu.edu/search/?P=ELED-328B>) provides intensive clinical experience in elementary schools for students enrolled in ELED-306 (<http://catalog.neiu.edu/search/?P=ELED-306>). Involves supervised and graduated teaching interactions with children in literacy in K-8 classrooms and includes weekly seminars. The seminars will provide intensive preparation and practice with EdTPA and a focus on the clinical context. This course fulfills 100 of the 200 required clock hours of clinical experiences.

Requirements: plus two additional methods courses, and a passing score on the ICTS Subject Area Examination

Prerequisites: ELED-300 (<http://catalog.neiu.edu/search/?P=ELED-300>) minimum grade of C and ELED-302 (<http://catalog.neiu.edu/search/?P=ELED-302>) minimum grade of C.

Corequisite: ELED-306 (<http://catalog.neiu.edu/search/?P=ELED-306>).

ELED-329. Student Teaching In Elementary Education, K-9. 9 Hours.

This course provides the teacher candidate with sixteen weeks of full day supervised classroom teaching experience combined with weekly class discussions. Teacher Candidates must submit a completed edTPA portfolio. Concurrent enrollment in EDFN-308 (<http://catalog.neiu.edu/search/?P=EDFN-308>).

Corequisite: EDFN-308 (<http://catalog.neiu.edu/search/?P=EDFN-308>).

ELED-330. Creating And Using Puppetry In The Classroom. 3 Hours.

This is hands-on course in puppetry and marionette making and its implementation for possible use in the language arts classroom. The format consists of the construction of marionetts/hand puppets and the development of procedures and processes for their use in the classroom by teachers and students. Puppetry will be viewed as a learning and teaching methodology in which teachers can foster and encourage creativity and higher level thinking skills, including divergent thinking and problem solving techniques. Puppetry will also be viewed as part of the curriculum in which students can become involved in the development of story in literature and drama. This class with its hands-on approach to puppetry, teaches the importance of using arts in education as a vehicle for learning.

ELED-342. Classroom Assessment. 3 Hours.

Provides the teacher candidates with a thorough understanding of the purposes, characteristics, and limitations of different types of assessments, including standardized assessments, universal screening, curriculum-based assessment, and progress monitoring tools. Candidates will examine the appropriate uses of formative and summative assessments for determining student needs, measuring student growth, and evaluating student outcomes. Candidates will understand how to make evidence-based decisions about curricular and instructional effectiveness and how to adjust practice to meet the needs of all students.

ELED-403. Methods Of Teaching Mathematics In Elementary And Middle Schools. 3 Hours.

Investigation and development of research, methodology, techniques, and teaching aids for the teaching of mathematical concepts to all children, including special needs, ELL, LEP, exceptional, and gifted students in diverse, multicultural classrooms. Different instructional models will be explored, research methods considered, and current resources identified. Collaborative efforts will be investigated. Focus on differentiation and appropriate classroom management techniques. Emphasis on grades K-8.

ELED-406. Research Skills For The Classroom Teacher. 3 Hours.

Enables the regular classroom teacher to use tools and procedures that will demonstrate the working effectiveness of any instructional practice; thus, the teacher will develop data that will foster constructive decision-making for continued curriculum building.

ELED-414. Principles Of Curriculum Development. 3 Hours.

Fundamental criteria for curriculum planning and the principal types of curriculum patterns as they apply to various subject-matter disciplines; emphasis focused on the student's subject area of specialization and its applicability to the improvement of the curriculum in the classroom and in the school; study of selection and organization of learning experiences, as well as objectives and evaluation.

Prerequisite: EDFN-406 (<http://catalog.neiu.edu/search/?P=EDFN-406>) minimum grade of C.

ELED-415. Teaching Science As Inquiry In Elementary And Middle School. 3 Hours.

Students are provided with the theoretical and practical framework to learn about the nature of science and methods of inquiry in teaching science. This course is a study of instructional methods and curricula for teaching science to all students, including linguistically and culturally diverse learners and exceptional children. The emphasis is on the development of inquiry-based lessons to promote scientific process skills using hands-on/minds-on experimentation. Classroom management strategies conducive to the implementation of successful individual and group science investigations are included. Emphasis is on grades K-8.

Prerequisites: ELED-506 (<http://catalog.neiu.edu/search/?P=ELED-506>) minimum grade of B and (INMD-410 minimum grade of B or EDFN-442 (<http://catalog.neiu.edu/search/?P=EDFN-442>) minimum grade of B).

Corequisite: ELED-428C (<http://catalog.neiu.edu/search/?P=ELED-428C>).

ELED-416. Social Studies As Inquiry. 3 Hours.

A study of instructional methods and resources for teaching social studies in elementary and middle school grades with an emphasis on creating an inquiry classroom and designing inquiry-based and project-based curriculum units. Explores the vital role of social studies in a democratic society, teaching critical thinking, decision-making, and problem solving skills. Includes a focus on curricular integration of cultural diversity, global awareness, technology, and integrating children's and middle grades literature in social studies. Students will also explore teaching skills for reading and writing informational texts in social studies. ELED-428C (<http://catalog.neiu.edu/search/?P=ELED-428C>) Inquiry Through the Content Areas Clinical will be taken simultaneously and students will do about 35 hours of clinical teaching in a middle grade social studies classroom.

Prerequisites: ELED-506 (<http://catalog.neiu.edu/search/?P=ELED-506>) minimum grade of B and (INMD-410 minimum grade of B or EDFN-442 (<http://catalog.neiu.edu/search/?P=EDFN-442>) minimum grade of B).

ELED-417. Multicultural Literature And Drama In The Elementary Classroom. 3 Hours.

Develops an in-depth understanding of multicultural literature and its application in the classroom through creative drama techniques which include improvisation, role-play, playmaking and guided imagery. Study, discussion and hands-on application through cooperative learning groups focusing on exploration of theoretical and pedagogical research and their relationship to thinking, listening, speaking, reading and writing competencies. Exploration of the use of visual arts and its application to the multicultural classroom.

ELED-418. Theoretical Implications For Instruction In The Elementary Classroom. 3 Hours.

The contributions of learning psychologists that are applicable to the teaching-learning process; areas explored include implications of learning in curriculum design, instructional methods, educational decisions and in the use of learning resources; relevant for the classroom teacher who attempts to utilize learning concepts in the classroom and in research.

ELED-419. Current Issues In Elementary Language Arts Instruction. 3 Hours.

Developmental of an understanding of principles and techniques of instruction in elementary school language arts; students to investigate research as it relates to the improvement of instruction in language arts.

ELED-428A. Clinical Teaching: Literacy. 1 Hour.

This 50-hour clinical teaching experience involves supervised, graduated, and interactive teaching situations with students in culturally and linguistically diverse school settings. This clinical experience has a thematic focus on teaching reading, writing, and speaking. Clinical seminar is integrated into ELED-504 (<http://catalog.neiu.edu/search/?P=ELED-504>) and ELED-435 (<http://catalog.neiu.edu/search/?P=ELED-435>). Students will conduct classroom observations and will spend a minimum of 35 hours teaching one-on-one, in small groups, and with the whole class. A university supervisor will observe students teaching a minimum of two times.

Prerequisites: ELED-506 (<http://catalog.neiu.edu/search/?P=ELED-506>) minimum grade of B and EDFN-442 (<http://catalog.neiu.edu/search/?P=EDFN-442>) minimum grade of B.

Corequisites: ELED-435 (<http://catalog.neiu.edu/search/?P=ELED-435>), ELED-504 (<http://catalog.neiu.edu/search/?P=ELED-504>).

ELED-428B. Clinical Diversity. 1 Hour.

This 50-hour clinical experience involves supervised, graduated, and interactive teaching situations with students in culturally and linguistically diverse school settings. This clinical experience has a thematic focus on teaching for human diversity, including cultural, linguistic, English language learners, students with special needs, gender, LGBTQ, and socioeconomic. Clinical seminar is integrated into BLBC-440 (<http://catalog.neiu.edu/search/?P=BLBC-440>). Students will conduct classroom observations and will spend a minimum of 35 hours teaching one-on-one, in small groups, and with the whole class. A university supervisor will observe students teaching a minimum of two times. Concurrency with EDFN-406 (<http://catalog.neiu.edu/search/?P=EDFN-406>) Human Development Learning OR SPED-404 (<http://catalog.neiu.edu/search/?P=SPED-404>) Survey of the Field of Special Education.

Prerequisites: ELED-506 (<http://catalog.neiu.edu/search/?P=ELED-506>) minimum grade of B and (INMD-410 minimum grade of B or EDFN-442 (<http://catalog.neiu.edu/search/?P=EDFN-442>) minimum grade of B).

Corequisite: BLBC-440 (<http://catalog.neiu.edu/search/?P=BLBC-440>).

ELED-428C. Clinical Teaching: Content Areas. 1 Hour.

This 100-hour clinical teaching experience involves supervised, graduated, and interactive teaching situations with students in culturally and linguistically diverse school settings. This clinical experience has a thematic focus on Inquiry Through the Content Areas (mathematics, science, and social studies). This course has seminar integrated into ELED-403 (<http://catalog.neiu.edu/search/?P=ELED-403>) and ELED-415 (<http://catalog.neiu.edu/search/?P=ELED-415>). Students will spend approximately of 35 hours observing and teaching one-on-one, in small groups, and with the whole class in each math, science, and social studies. A university supervisor will observe students teaching a minimum of three times, once per subject.

Prerequisites: ELED-506 (<http://catalog.neiu.edu/search/?P=ELED-506>) minimum grade of B and (INMD-410 minimum grade of B or EDFN-442 (<http://catalog.neiu.edu/search/?P=EDFN-442>) minimum grade of B).

Corequisites: ELED-415 (<http://catalog.neiu.edu/search/?P=ELED-415>), ELED-403 (<http://catalog.neiu.edu/search/?P=ELED-403>).

ELED-429. Internship In Elementary Education. 6 Hours.

Students are engaged in full-time student teaching for the entire semester. With support from their cooperating teacher and university supervisor students gradually increase their classroom responsibilities and then assume complete responsibility for all curriculum planning and teaching for five weeks. Students will design and teach an original instructional unit. In this course students complete their Curriculum Design Student Learning Project (CLP) and their Teacher as Learner Project (TLP). Students will be observed a minimum of five times by their university supervisor.

Prerequisites: Completion of all MAT program courses. Passing score on the ICTS Subject Area Test

Passing score on the APT Test. Minimum grade of B or better for all prerequisites.

Corequisite: ELED-430 (<http://catalog.neiu.edu/search/?P=ELED-430>).

ELED-430. Trends And Issues In Assessment. 3 Hours.

Reviews principles of educational testing and evaluation. Explores trends and critical issues in assessment with emphasis on the teacher's role in relating assessment to instructional objectives. Provides opportunities for students to study assessment strategies and issues specific to the level (elementary or secondary), linguistic-cultural background, and subject-matter area of their teaching or internship assignment.

Corequisite: ELED-429 (<http://catalog.neiu.edu/search/?P=ELED-429>).

ELED-435. Children's And Young Adult Literature. 3 Hours.

Students will read, peruse, and study all genres of diverse literature written for elementary and middle school students, grades 3-8, as well as some appropriate young adult literature. Topics emphasized are: identifying and locating high quality books, evaluating books for appropriate developmental stages, critical reading, integrating literature across the curriculum, designing curriculum with literature, teaching reading with literature, creating classroom libraries, using a wide variety of multicultural and global literature, connecting books to real-world resources, using literature to cover standards, motivating students to read, and appreciating good writing.

Prerequisites: ELED-506 (<http://catalog.neiu.edu/search/?P=ELED-506>) minimum grade of B and INMD-410 minimum grade of B.

Corequisites: ELED-504 (<http://catalog.neiu.edu/search/?P=ELED-504>), ELED-428A (<http://catalog.neiu.edu/search/?P=ELED-428A>).

ELED-453. Inquiry-Based Social Studies Instruction. 3 Hours.

This course is a study of instructional methods and materials for teaching social studies through inquiry. Explores approaches to promoting children's cognitive and affective knowledge and understanding in the social sciences, including history, current events, and critical thinking skills. The course includes an exploration of teaching for cultural diversity, global awareness, and critical citizenship skills and dispositions, along with a focus on creating an inquiry-based social studies classroom, the teacher as a creator of curriculum and an in-depth examination of the literature within the field of social studies education.

ELED-504. Teaching Writing: Purpose, Voice, Craft. 3 Hours.

This course is designed to provide teacher candidates with an in-depth exploration of Writer's Workshop and the theory, best practices, curriculum design and materials used in writing in the K-8 school setting. Candidates will engage in writing in a variety of genres using the Writing Workshop model. The course addresses differentiating instruction to meet the needs of diverse learners.

Prerequisites: ELED-506 (<http://catalog.neiu.edu/search/?P=ELED-506>) minimum grade of B and INMD-410 minimum grade of B.

Corequisites: ELED-435 (<http://catalog.neiu.edu/search/?P=ELED-435>), ELED-428A (<http://catalog.neiu.edu/search/?P=ELED-428A>).

ELED-506. Research Methodologies For Classroom Teachers. 3 Hours.

A general survey of qualitative and quantitative research methods in educational research. The aim of this course is to develop candidates' abilities to design and conduct classroom-based inquiry related to teaching and learning. This course is designed to make candidates knowledgeable consumers of academic research. The survey of methods includes; a brief analysis of paradigms in qualitative and quantitative research, a discussion of the inquiry process, and an synthesis of research designs including; survey, narrative, experimental, ethnographic, correlation, case study, and action research. Action research design is discussed in details. This course is the first course in the sequence of 3 research courses (ELED-506 (<http://catalog.neiu.edu/search/?P=ELED-506>), ELED-507 (<http://catalog.neiu.edu/search/?P=ELED-507>), ELED-508 (<http://catalog.neiu.edu/search/?P=ELED-508>)).

ELED-507. Action Research Design Seminar. 1 Hour.

Candidates will design an action research plan that involves identifying a significant problem related to student learning in their current classroom. Candidates will locate and review relevant research on the designated problem, and design an intervention plan that will allow the candidate to examine the impact of instructional procedures or interventions on student learning. Candidates will develop reflective decision-making in using data to improve learning in elementary classrooms.

Prerequisites: ELED-506 (<http://catalog.neiu.edu/search/?P=ELED-506>) minimum grade of B and ELED-525 (<http://catalog.neiu.edu/search/?P=ELED-525>) minimum grade of B and ELED-520 (<http://catalog.neiu.edu/search/?P=ELED-520>) minimum grade of B and BLBC-439 (<http://catalog.neiu.edu/search/?P=BLBC-439>) minimum grade of B.

ELED-508. Action Research Project. 3 Hours.

This course guides students through finalizing their action research design, implementing that design, collecting data, analyzing their data, and writing their action research paper. Students will implement their action research project in their classroom with a focus on understanding the process of data collection and analysis. Students will write their project as a major paper (including the literature study they completed in ELED-507 (<http://catalog.neiu.edu/search/?P=ELED-507>) Action Research Design Seminar), and formally present their project as a PowerPoint to the class. This is a thesis-model hybrid course with some of the work and feedback given online and in conferences with the Instructor.

Prerequisites: ELED-506 (<http://catalog.neiu.edu/search/?P=ELED-506>) minimum grade of B and ELED-525 (<http://catalog.neiu.edu/search/?P=ELED-525>) minimum grade of B and ELED-520 (<http://catalog.neiu.edu/search/?P=ELED-520>) minimum grade of B and BLBC-439 (<http://catalog.neiu.edu/search/?P=BLBC-439>) minimum grade of B and ELED-507 (<http://catalog.neiu.edu/search/?P=ELED-507>) minimum grade of B.

ELED-520. Curriculum And Inquiry. 3 Hours.

This course is an overview of curriculum theory, development, design, and implementation for the experienced classroom teacher. The focus is on understanding the theory and practice of inquiry-based and project-based curriculum across subject disciplines, authentic literacy, and finding and using interesting and diverse real-world resources. Course emphasis is also on the history of curriculum development and schooling; and creating multicultural, critical, and creative curriculum that integrates technology, the arts, critical thinking, and standards. Students will critique and analyze their school curriculum and resources, and design curricular units for their own classroom.

Prerequisites: ELED-506 (<http://catalog.neiu.edu/search/?P=ELED-506>) minimum grade of B and ELED-525 (<http://catalog.neiu.edu/search/?P=ELED-525>) minimum grade of B.

ELED-525. New Literacies For The 21st Century. 3 Hours.

This course explores how the ideas and understandings of "literacy" have changed and evolved over the past century, the new literacies that are vital to life in the 21st century, and strategies for teaching those literacies. This course develops an understanding of designing curriculum and strategies for teaching critical thinking skills; collaboration; problem solving skills; media, technology, and information literacy; creativity and imagination; innovative thinking; civic, multicultural, and global literacy; critical literacy; environmental literacy; and systems thinking. The course will begin to study the theory and practice of inquiry-based, project-based, and problem-based teaching and learning, as well interdisciplinary curriculum and different forms of 21st century assessment, such as student exhibitions and presentations.

Prerequisite: ELED-506 (<http://catalog.neiu.edu/search/?P=ELED-506>) minimum grade of B or INMD-410 minimum grade of B.

English (ENGL)

Courses

ENGL-101. Writing I. 3 Hours.

Specialized instruction and practice in beginning writing. Work in usage, grammar, style, paragraphs, and short essays.

Prerequisites: (ELP-120 (<http://catalog.neiu.edu/search/?P=ELP-120>) or ELP-099 or NEIU English Placement Writing 7 - 9 or (Accuplacer WritePlacer 4 - 8 and Accuplacer Sentence Skills 095 - 120) or (Accuplacer WritePlacer 5 - 8 and Accuplacer Sentence Skills 020 - 120)).

ENGL-102. Writing II. 3 Hours.

Continuation of practice in composition with emphasis on a variety of forms of writing and long essays, culminating in the annotated research paper.

Prerequisite: (ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) or NEIU English Placement Writing 8 - 9).

ENGL-109A. First Year Experience:Chicago's Literary Diversity: Reading The Neighborhoods. 3 Hours.

This course explores how literary Chicago enters into discourses on race and ethnicity in twentieth century literature. Beginning with Great Migration, students sample literary history produced by people who settled or passed through Chicago. Writers have used Chicago as a setting for major works and sociological studies have attempted to focus on Chicago's neighborhoods and how they were formed as a result of immigration from other countries and migration from the American South. The course examines several works from popular perspectives, fiction, autobiography, journalism, humor, folktales, cultural criticism and regional studies to reach a better understanding of the city.

ENGL-109B. First Year Experience: Reading And Writing The Literary And Political Landscapes Of Chicago. 3 Hours.

From the Haymarket "riot" of 1886 to the Pullman Strike of 1894 to the Black Sox scandal of 1919 to the trial of Abbie Hoffman and the Chicago Seven in the aftermath of the Democratic Convention of 1968, Chicago has, to say the least, a colorful and quite literally, explosive political history. As with any major urban center in the United States, Chicago bears the historical scars and contemporary fruits of vibrant and violent class conflict, labor insurgencies, racial strife, immigrant struggles, and activism for social justice. Part and parcel of this historical legacy is a rich spate of cultural production that attempts to comprehend this past in those historical moments and in our contemporary era.

ENGL-109C. First Year Experience:Drama And Diversity In Chicago. 3 Hours.

In this class, we will analyze and experience Chicago theater. By emphasizing theater that challenges social cultural norms, we will consider how drama works to create and define diverse urban communities and how it offers alternative visions to the status quo. This class will emphasize writing and reading about drama, interviewing theater personnel and taking notes on actual theater performances, and relating art to social and political diversity. We will attend 3-4 performances during the course of the semester.

ENGL-109D. First Year Experience:Windy City Words: Ethnolinguistic Chicago. 3 Hours.

This course integrates the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-Discovery, and Transitions) with concepts from the study of literacy and language. Using the city as a field site, students actively explore the linguistic and cultural diversity of Chicago through independent research, readings, online resources, speakers, and other experiences.

ENGL-109E. First Year Experience: Your Chicago: Write On!. 3 Hours.

This course interweaves foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery, Transitions) with specific concepts of creative writing. Explore and experience Chicago's vibrant cultural scene while cultivating literary culture in class. Students study their local literary heritage reading, analyzing, and discussing works of classic and contemporary Chicago authors and attending and annotating literary readings at local bookstores and cafes; experimenting with a range of writing exercises, prompts, and assignments, students will craft their own stories, recognize their unique writing process, and learn techniques to revise and polish their prose, culminating in a student reading.

ENGL-200. Writing In Context. 3 Hours.

An intensive writing course with special focus to writing within designated thematic contexts. Students will read extensively about topics and write several short papers and one longer one. Students make take the course twice (6hrs. total) when conten changes.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of D.

ENGL-201. The World Of Poetry. 3 Hours.

A literature course which has three main objectives: 1) to familiarize students with the literary conventions of poetry; 2) to develop in students a critical stance towards literature; and 3) to develop in students an appreciation of both western and non-western cultures as experienced through literature.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

ENGL-202. The World Of Drama. 3 Hours.

A literature course which has three main objectives: 1) to familiarize students with the literary conventions of drama; 2) to develop in students a critical stance towards literature; and 3) to develop in students an appreciation of both western and non-western cultures as experienced through literature.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

ENGL-203. The World Of Fiction. 3 Hours.

A literature course which has three main objectives: 1) to familiarize students with the literary conventions of the short story and novel genres; 2) to develop in students a critical stance towards literature; and 3) to develop in students an appreciation of both western and non-western cultures as experienced through literature.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

ENGL-205. Literatures And Literacies. 3 Hours.

This course is an introduction to the study of texts, as well as relevant historical, theoretical, and methodological contexts. It will also, as a general education course, assist students in developing the ability to communicate both in writing and speaking, the skills required to gather, analyze, document, and integrate information, an understanding of historical processes and cultural differences, aesthetic and literary sensitivity, and an understanding of the modes of thought, concerns and methodologies of the humanities and social/behavioral sciences.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

ENGL-210. Writing Intensive Program: Methods for English Majors. 3 Hours.

Writing Intensive course designed as first course for English majors. Provides practical foundation in the methods essential to English Studies: active reading, critical thinking, and purposeful writing. Skills such as note taking, quoting, using MLA style, summarizing arguments, and synthesizing and documenting others' opinions will be emphasized. Course will also explore multiple perspectives on controversial topics relevant to the discipline. Coursework develops strategies of effective critique, argument, and analysis, and will consist of informal writing, review essays, and thesis-driven analyses of rhetorical and literary texts. Open discussion and critical thinking required.

Prerequisites: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C and ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) minimum grade of C.

ENGL-218. American Literature: Beginnings To 1865. 3 Hours.

A course covering representative writing of the Colonial, Early National and Romantic periods in American literature, emphasizing both dominant and emergent themes and literary forms in each period where students will build the necessary cultural literacy for higher-level courses in American Literature.

ENGL-219. American Literature: 1865 To The Present. 3 Hours.

A course covering representative writings of the Realist, Modern and Postmodern periods in American Literature, emphasizing both dominant and emergent themes and literary forms in each period. Here students will gain a broad background for higher-level courses in postbellum American Literature.

ENGL-220. Introduction To Shakespeare. 3 Hours.

Introduction to Shakespeare's dramatic art through a careful reading of selected tragedies, histories, comedies, and romances; designed primarily but not exclusively for the non-English major.

Prerequisite: (ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) or NEIU English Placement Writing 8 - 9).

ENGL-221. English Literature: The Beginnings To C. 1750. 3 Hours.

Representative works in English literature from Beowulf to the middle of the eighteenth century.

ENGL-222. English Literature: C. 1750 To The Present. 3 Hours.

Representative works in English literature from the middle of the eighteenth century to the modern era.

ENGL-235. Introduction To Creative Writing I. 3 Hours.

Preliminary study to enable students to develop positive approaches to the craft of writing and to explore techniques of the craft.

ENGL-236. Introduction To Creative Writing II. 3 Hours.

Techniques aimed at exploring disciplines of various forms of writing.

ENGL-240A. Elements Of Style For Creative Writers. 3 Hours.

The course provides a workshop setting in which students receive instruction in basic elements of grammar and style with particular relevance to their practice in creative writing.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

ENGL-300. Russian Literature: From Gogol To Chekhov. 3 Hours.

Works (primarily novels, novellas and stories) of the major figures in nineteenth-century Russian literature (Turgenev, Tolstoi, Dostoyevski, etc.), relating them to the social, political and religious issues they touched on.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-301. Independent Study In English. 1 Hour.

An independent study on the tutorial model, initiated at the student's suggestion to an instructor; course content designed in consultation with the instructor.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-302. Love In Western Literature. 3 Hours.

The various attitudes toward love, including sexual and family relationships, as depicted in the literature of different ages and cultures with emphasis on the changing social, ethical and religious context of these views.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-303. Contemporary Gay And Lesbian Literature: Exploring Layers Of Difference. 3 Hours.

This course explores the impact of gay, lesbian, bisexual and tran-gendered literature on contemporary culture. We will take a multicultural approach that recognizes the importance of sexual identity to late twentieth-century fiction and the ways such fiction affects and is affected by art, politics, entertainment, the law, and other notions of identity, such as race, class, and gender. This course will emphasize close reading of fiction, the ability to write clearly and analytically about literature, and a careful analysis of the role literature plays in our everyday lives.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-307. Medieval Studies- The Development Of The Arthurian Legend. 3 Hours.

The legend of King Arthur from allusions in early chronicles, through Welsh folk tales, through the courtly versions of twelfth-century France to the compilation by Sir Thomas Malory.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-308. English Literature From Beowulf To Malory. 3 Hours.

A survey of English Medieval literature that, in dealing with major works (e.g. Beowulf, The Canterbury Tales, Morte D'Arthur, etc.), situates them in the relevant political and linguistic contexts, as well as the literary context of competing "minor" works and genres.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-309. Reading & Writing In A Changing Digital Economy. 3 Hours.

Through hands-on experience and theoretical and rhetorical analyses, students will explore processes and issues with writing and reading in digital environments. Topics include connecting visuality with the written word, exploring online textual identities, collaboration and intellectual property, and web design, with an emphasis on how writing in digital environments impacts English studies. Students will produce a variety of non-traditional and traditional academic texts in this course, using current presentation, web-based or freeware programs. The class is open to students who are new to digital writing but will also benefit those with experience in composing New Media and digital texts.

ENGL-310. Writing Intensive Program: Introduction To Composition Studies. 3 Hours.

Examines some contemporary issues in composition studies, such as process theory, the role of grammar in writing instruction, digital and visual literacies, and scholarly considerations of writers' subjectivities. Introduces the discipline's modes of inquiry: theory, empirical research, and practice. Provides instruction in professional resources and bibliographic databases so that students can become independent learners in the discipline. Written assignments include responses to readings and a literature review. This course fulfills the NEIU Writing Intensive requirement for Secondary Education English majors and for English majors who as transfer students may have already taken a course comparable to ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>).

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-311. Introduction To Cultural Studies. 3 Hours.

This course introduces students to the theoretical debates and interpretative strategies of cultural studies. Using an interdisciplinary approach, this course explores how culture is produced, distributed, consumed, and responded to in diverse, contradictory ways. Cultural forms analyzed will include movies, comics, television, photography, music, fan fiction, and video games.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-312. Literature Of Colonial Times. 3 Hours.

Prose and poetry of the Puritan and Revolutionary eras.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-313. American Literary Renaissance-1830-1860. 3 Hours.

Prose and poetry of Hawthorne, Melville, Emerson, Thoreau, Whitman, Dickinson, and others.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-314. Chaucer And His Age. 3 Hours.

Close study of selected early poems of Chaucer (ballads, envoys, and narratives), to present an introduction to the language and themes of Chaucer's poetry and his age. The major portion of the course will be devoted to a close reading of The Canterbury Tales in the original Middle English.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-315. Literature Of The English Renaissance. 3 Hours.

Prose and poetry (not drama) of the English Renaissance in the sixteenth century.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-316. Forms Of Poetry. 3 Hours.

This course will examine some of the traditional poetic forms-lyric, narrative, and dramatic- which have been used by poets throughout literary history. Readings and discussion will engage students in an analysis of each form- its technical characteristics, its place in literary history, and its relevance to contemporary writers and readers of poetry. Students will write imitations of several poetic forms as well as critical essays about them.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-317. Modern American Drama. 3 Hours.

Major lines of development of modern American Drama from O'Neill to contemporaries like Albee and Mamet.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-318M. Readings In American Literature:Poe, Hawthorne, Melville. 3 Hours.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-320. Globalizing Literacies. 3 Hours.

This course presents textual circulation as trade in cultural practices throughout early modern or protoglobalization (1600-1800) when European traditions were exported to the United States that, after being established through cultural syncretism, were exported to the rest of the world throughout the first (1870-1914) and second (1980-present) globalization periods. From these perspectives, students will examine central themes in textual production and consumption, such as the development of an American literary tradition and Americanization educational initiatives through particular genres, such as newspapers and magazines, as a part of a nationalized cultural identity, including ways this identity has been resisted and reconfigured.

ENGL-321. Literature Of The Romantic Movement. 3 Hours.

Poetry and prose from 1780 to 1830 including Blake, Burns, Wordsworth, Coleridge, Byron, Shelley, Keats, Lamb, Hazlitt, and DeQuincey.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-322. The American Short Story. 3 Hours.

The evolution of the American short story as a self-conscious form of literature from Washington Irving to Joyce Carol Oates. The theories of Romanticism, Realism, Naturalism are illustrated. Each student selects one writer of short stories to explore in some depth through an individual report.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-323. Shaw And Modern British Drama. 3 Hours.

Shaw's development as a playwright as well as significant movements in British drama since the 1890's, including the Irish Renaissance, recent poetic drama and the "angry young men.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-324. The Romantic Novel. 3 Hours.

The nineteenth century novelists from England and the Continent are studied against the great socio-political movements of the age- the French, Russian and Industrial Revolutions.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-325A. Readings In World Literature: Women Writers. 3 Hours.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-325C. Readings In World Literature: Classical Literature. 3 Hours.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-325L. Readings In World Literature:The Detective In Film. 3 Hours.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-325U. Readings In World Literature:Modern Fiction. 3 Hours.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-326. Readings In World Literature. 3 Hours.

Intensive study of fiction and poetry representative of literary movements, historical periods, and various cultures from ancient to modern times.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-328. Seventeenth Century Literature. 3 Hours.

Studies in seventeenth century literature exclusive of Milton.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-329. Milton. 3 Hours.

Milton's work and the intellectual milieu of the period.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-330. Shakespeare: Comedies And Romances. 3 Hours.

Shakespeare's comic writing, from *The Comedy of Errors*, through the romantic comedies and problem comedies to the late romances.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-331. Shakespeare: Tragedies. 3 Hours.

Shakespeare's tragic works from early experiments in tragedy, e.g., *Romeo and Juliet*, *Richard III*, to the great achievements in tragedy, e.g. *Hamlet*, *Lear*, *Macbeth*.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-332. Elizabethan And Jacobean Drama. 3 Hours.

Major dramatists, excluding Shakespeare, in Elizabethan and Jacobean drama, 1550 to 1642, including Kyd Marlowe, Webster, Jonson, Beaumont and Fletcher from the origin of professional and court drama to the closing of the theatres.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-333. Mythological Backgrounds Of English And American Literature. 3 Hours.

Middle-Eastern, Nordic and Graeco-Roman mythological systems; reading in archetypal interpretation of literature with representative illustrations from fiction, drama and poetry.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-334. Biblical Backgrounds Of English And American Literature. 3 Hours.

Influence of the Bible, especially the King James version, on the style and content of famous English and American writers. Selected reading from Old and New Testaments and from writers influenced by them.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-335. Written Communications For Business. 3 Hours.

Designed primarily for Business and Management majors covering principles and practices of writing required in professional work.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-337. Nobel Laureates. 3 Hours.

Nobel prize winners, 1901 to the present.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-338. The Literature Of Japan. 3 Hours.

An introduction to contemporary Japanese literature.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-340. Independent Study In English. 2 Hours.

An independent study on the tutorial model, initiated at the student's suggestion to an instructor; course content designed in consultation with the instructor.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-341. Restoration And Eighteenth Century Literature I. 3 Hours.

Politics in England leading to the restoration of Charles II; his court; Restoration playwrights; the bawdy Restoration stage and reaction to it; the new sentimental drama; the newspaper and the essay.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-342. Restoration And Eighteenth Century Literature II. 3 Hours.

Intensive study of contrasts in the Age of Enlightenment; interrelationship of politics and writers; neoclassic literature; beginning of the novel; eighteenth century criticism and biography.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-345. Practical Criticism. 3 Hours.

Introduction to some of the more important critical approaches to literature, emphasis on application as well as theory.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-348. Prose And Poetry Of The Victorian Age. 3 Hours.

Selected Victorian poetry, with consideration of the social background of the period (1837-1910).

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-350. The Victorian Novel. 3 Hours.

A study of the development of the novel in England from Dickens to Hardy, seen against the contemporary social and literary background. Theme and technique of the novel, methods of publication, major and minor writers.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-351. The English Novel Of The Eighteenth Century. 3 Hours.

The development of the English novel as a genre in the eighteenth century, including such precursors of the novel as Bunyan, Defoe, Lyly and Behn.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-352. Jewish-American Literature: People Of The Books. 3 Hours.

This course studies how the United States shapes the meaning of Jewish identity and culture, and conversely, how Jewish literature helps shape the meaning of American identity and culture. Working in a range of forms from comic books to genre fiction, Jewish writers throughout the modern era creatively and critically interrogate and re-imagine what it means to be Jewish-American, and more broadly, investigate and challenge what it means to be American.

ENGL-355. The Production Of "America": Work, Class, & Political Economy In U.S. Literature & Culture. 3 Hours.

This class will explore U.S. literature and culture with an eye toward understanding the material conditions of production in the United States, particularly as represented in literary and cultural works, as well as how national identity is ideologically produced in U.S. culture. The class will foreground issues of class and political economy in reading literature and culture from a working-class perspective.

Requirement: English 101 with a C or better, and two of the following: ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>), ENGL-218 (<http://catalog.neiu.edu/search/?P=ENGL-218>), ENGL-219 (<http://catalog.neiu.edu/search/?P=ENGL-219>), ENGL-221 (<http://catalog.neiu.edu/search/?P=ENGL-221>), or ENGL-222 (<http://catalog.neiu.edu/search/?P=ENGL-222>)

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-356A. Graphic Novels And Comics. 3 Hours.

This course studies comics as a complex medium that offers new ways to think about and represent a range of social and cultural issues, such as gender, sexuality, race, ethnicity, class, national belonging, and the environment. Students will learn the critical vocabulary necessary to understand how the medium works, and read diverse comics in various historical and geographical contexts.

ENGL-357. Land, Labor, & Literature: Studying The Works Of U.S. Working-Class & Colonized Writers. 3 Hours.

We will study the representations of land and labor and the desire to reclaim them in the works of working-class and colonized writers in the U.S.

Particular attention will be paid to the historical and cultural contexts in which texts are produced as well as theories of class and race.

ENGL-359. Independent Study In English. 3 Hours.

An independent study on the tutorial model, initiated at the student's suggestion to an instructor; course content designed in consultation with the instructor.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-360. Detective Fiction. 3 Hours.

Literary and historical study of the detective story- from Poe and Sherlock Holmes- to Hammett and the present.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-361. Development Of The American Novel. 3 Hours.

The novel as a developing form from Charles Brockden Brown to William Faulkner and beyond.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-362. United States Fiction: Traditions And Counter-Traditions. 3 Hours.

A study of canonical and non-canonical fiction in the United States and the varieties of traditions composing U.S. literary history.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-364. Reading Film. 3 Hours.

A course in film emphasizing methods of reading films as we would texts. Through close viewing, critical analysis of narrative structure, attention to visual form and representational practice, students will explore the complexity of film beyond the level of "entertainment." To paraphrase a famous question asked about poetry, this course will explore "how a film means.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-365. Caribbean Literature. 3 Hours.

This course will introduce students to literature (poetry, fiction, non-fiction, and drama) of the Caribbean in its his historical, political, social, and cultural contexts. Students will discuss such issues as cultural and racial hybridity, immigration/emigration/exile, and post-colonization, among others. Students will read representative texts from a diverse range of authors such as Jean Rhys, V.S. Naipaul, Earl Lovelace, Edwidge Danticat, and Junot Díaz.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-366. Midwestern Literature. 3 Hours.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-367. Re-Thinking Race And Gender. 3 Hours.

This intensive summer course runs for ten days over three weeks. It takes up history critically to engage in a concentrated re-thinking of how we learn to see, identify, and inhabit issues of race and gender. Workshops, lectures, and sessions with invited guests will unpack structures and relations of race and gender and the ways they get naturalized. The course is designed for graduates, undergraduates, and teachers, and is cross-listed in the Graduate College and the College of Arts and Sciences. Prereqs: Graduate status or Junior/Senior status in English, Philosophy, Political Science, Sociology, WGS, AFAM, or LGBTQ.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-368. American Realism. 3 Hours.

An examination of the literature that reflects the movement from American romanticism to realism and through realism to literary naturalism, approximately 1865-1910.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-369. U.S. Latino/a Literature And Culture. 3 Hours.

This course introduces students to Latino/a literatures in the US from the contact period to the present. It offers an overview of major forms and themes in literature from Latino/a native, immigrant and exiled writers with in-depth analysis of representative texts from various genres including essays, novels, poetry and drama. Writers will include Latino/as of North American, Central American, South American and Caribbean descent. The course is taught in English with readings in original English or translation. Readings, assignments, instruction and discussion will focus on questions of aesthetics, culture, politics and history, with an added emphasis on inclusion of under-represented groups and intercultural connections.

ENGL-370. Folklore And The Fairy Tale. 3 Hours.

Readings from both traditional and contemporary folktales, including modern adaptations of traditional stories. Emphasis on similarities in different tales, and the differences in similar ones, with the aim of learning how the same elements pervade the archetypal stories and how variations in detail bespeak different ethnic and cultural interests and concerns.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-371. Studies In Women's Literature. 3 Hours.

Literature by or about women; includes writing by women, portrayals of female characters, attitudes toward women and women's roles; other thematic concerns.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-372. American Women Writers Of The Nineteenth Century. 3 Hours.

Comprehensive study of texts and contexts of women's writing in the US during the nineteenth century, including the origins of its feminist tradition. Texts include a variety of genres (novel, short story, lecture, travel narrative) and traditions (sentimental, romantic, realist, political, utopian). Special emphasis on the social, political, economic and legal forces bearing upon women as professional writers along with the ways women's fiction articulates the realities of nineteenth-century women's lives. Assignments include close reading of individual texts and a more comprehensive final project involving primary research.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-373. Yiddish Literature In Translation. 3 Hours.

Yiddish literature from its beginning to the present from Eastern European and West Germany to the East Side and West Roosevelt Road.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-374A. Hybrid-form Writing. 3 Hours.

This course examines models related to and provides tools for the production of Hybrid-form Writing (writing in and across multiple genres/forms). Hybrid-form work takes place at both the discrete level (individual, usually long-form pieces) and the manuscript level (a book-length project that relies on multiple forms). The emphasis is on long-form/extended projects, which must be rooted in a considered line of inquiry. This inquiry happens at multiple stages and levels: students experiment with different forms, students engage in pre-writing to conceive of projects, and students consider how form affects content/why certain forms might be culturally or personally privileged.

Prerequisites: ENGL-235 (<http://catalog.neiu.edu/search/?P=ENGL-235>) minimum grade of C and (ENGL-384 (<http://catalog.neiu.edu/search/?P=ENGL-384>) minimum grade of C or ENGL-386 (<http://catalog.neiu.edu/search/?P=ENGL-386>) minimum grade of C).

ENGL-375. Essentials Of Tutoring Writing. 3 Hours.

This class considers the larger theoretical debates important to composition studies today and the practical aspects of writing tutorials. Students will read contemporary writing theory and apply this knowledge in work with small groups of undergraduate writers, helping them to create ideas, draft and revise essays, and edit their work. To succeed in this class, students need to be strong writers and collaborators and to have an interest in the practice and politics of writing.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-376. Advanced Composition. 3 Hours.

Interdependence of rhetoric, grammar, logic, semantics, psychology, and criticism in communication of ideas; practice in various types of writing with focus on students' interest; designed for future teachers of composition.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-377. Argumentative Prose. 3 Hours.

An advanced course in which students will learn to write argumentative essays on a wide range of subjects, using as models for discussion the argumentative prose of professional writers. The course will cover many aspects of argumentative writing, including the study of inductive and deductive reasoning and logical fallacies and the analysis of organizational and stylistic techniques.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-378. Twentieth Century Fiction I. 3 Hours.

Development of the modern novel from Conrad to writers of the 1930s and 1940s against a background of historical and literary movements; emphasis on Conrad, James, Joyce, Lawrence, Faulkner and Hemingway.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-379. Twentieth Century Fiction II. 3 Hours.

Development of the novel in English in recent decades against a background of historical and literary movements; includes work of West, Green, Lowry, Durrell, Bellow, Nabokov, Burgess, Barth, Lessing, Murdoch, Mailer, Updike and Pynchon.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-380. Multi-Cultural Literature In America. 3 Hours.

Designed for future teachers of English, the multi-genre course provides students with an awareness of representative literature from the various ethnic cultures that are a part of American Life.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-381. African-American Literature. 3 Hours.

A survey of African-American Literature in its social, cultural, and political context, beginning with Phyllis Wheatly, continuing through the slave narratives of the pre-Civil War era to the masterpieces of the Harlem Renaissance and the works of contemporary writers, such as James Baldwin, Toni Morrison, Ishmael Reed, Alice Walker, August Wilson and Gwendolyn Brooks.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-382. Chicano/A Literature. 3 Hours.

In the mid-1960s a literature developed written by authors of Mexican heritage residing permanently in the United States and further identifiable as "Chicano" in that it coincided with the civil rights struggle by and for that group in the same period-the Chicano Movement. Certainly people of Mexican extraction living in the United States produced literary works prior to the 1960s. Chicano Literature, however, as most people use the term, is that which is associated with a new consciousness of political, social and cultural identity linked to the Chicano Movement. This course will study the emergence and development of this literature in relation to the historical conditions that gave rise to it and in relation to the development of Chicano/a cultural national identity underwriting the literature. Moreover, as the literature has continued to develop since the 1960s, we will explore the evolution of the literature with a particular focus on how the literature has taken part in a larger cultural contestation over and redefinition of the content of Chicano/a identity and politics, particularly from feminist and gay and lesbian perspectives. Students must have as a prerequisite for this course at least ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>).

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-383. Postcolonial African Literature. 3 Hours.

A survey of African literature in its cultural, historical, social and political contexts. Africa is a continent of diverse peoples, cultures, languages, customs, food, economies, experiences of colonialism/imperialism and so on. With such diversity of daily life and historical and cultural experiences comes a wealth of literature; oral literature, drama, poetry, short stories and novels. This course will cover diverse authors such as Chinua Achebe, Wole Soyinka, Zakes Mda, Nuruddin Farah, Buchi Emecheta, Tsitsi Dangarembga, etc.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-384. Creative Writing: Poetry I. 3 Hours.

Students write poetry which is discussed and critiqued in class by instructor and students.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-385. Creative Writing: Poetry II. 3 Hours.

Students write poetry which is discussed and critiqued in class by instructor and students.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-386. Creative Writing: Fiction I. 3 Hours.

Students write prose poetry which is discussed and critiqued in class by instructor and students.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-387. Creative Writing: Fiction II. 3 Hours.

Students write prose poetry which is discussed and critiqued in class by instructor and students.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-388. Modern British And American Poetry. 3 Hours.

Introduction to modern poetry in English: its origins, dominant themes, and characteristic techniques.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-389. Contemporary Poetry. 3 Hours.

A survey of poetry in English from 1950 to the present. This course will examine the major themes and techniques of poets writing during the period.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-390. Young Adult Novel. 3 Hours.

Advanced study in literature for young adults, grades 7-10. Evaluation and selection of recent books in the area as well as the history of the genre.

Criteria for selection: Book lists, indexes, professional literature in the field. Individual work on problem of special interest.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-391. Children's Literature. 3 Hours.

Preparation for effective teaching of literature in the elementary school; wide reading of books for young children; story selection and story telling; authors and illustrators of children's books; classroom methods of stimulating creative expression; individual and group reading guidance.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-393. Literature Live: Studying The Works Of NEIU Visiting Writers. 3 Hours.

Each year the university runs a Visiting Writers Series. In this course, students will study the works of these writers, who will be coming to campus and with whom they will have a chance to engage, with an eye toward understanding and exploring the subtleties of craft to assist in their own creative writing as well as developing the skills of literary analysis. Students will be expected to attend a certain number of public readings in the series.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

ENGL-394. Writing The Personal Essay. 3 Hours.

In this course students will write in the creative non-fiction genre of the personal essay. This will involve work on techniques and approaches in a workshop setting, as well as critiques of other students' work. This course will also explore the personal essay as a literary form through readings of classic and recent examples.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-3941. Creative Writing Internship. 1 Hour.

This is a supervised field experience in a profession that utilizes creative writing (magazine or book publishing, journalism, advertising, arts non-profit, etc). With the approval of the department chair, students may enroll for academic credit from 1-6 hours. In consultation with a faculty advisor and field supervisor, the student will contract field service hours and create an individualized work plan. Students will also meet regularly with the faculty advisor and be evaluated qualitatively and quantitatively for a final grade. By department permission only.

Prerequisites: ENGL-235 (<http://catalog.neiu.edu/search/?P=ENGL-235>) minimum grade of C and (ENGL-384 (<http://catalog.neiu.edu/search/?P=ENGL-384>) minimum grade of C or ENGL-386 (<http://catalog.neiu.edu/search/?P=ENGL-386>) minimum grade of C) and (ENGL-385 (<http://catalog.neiu.edu/search/?P=ENGL-385>) minimum grade of C or ENGL-387 (<http://catalog.neiu.edu/search/?P=ENGL-387>) minimum grade of C or ENGL-374 minimum grade of C).

ENGL-3942. Creative Writing Internship. 2 Hours.

This is a supervised field experience in a profession that utilizes creative writing (magazine or book publishing, journalism, advertising, arts non-profit, etc). With the approval of the department chair, students may enroll for academic credit from 1-6 hours. In consultation with a faculty advisor and field supervisor, the student will contract field service hours and create an individualized work plan. Students will also meet regularly with the faculty advisor and be evaluated qualitatively and quantitatively for a final grade. By department permission only.

Prerequisites: ENGL-235 (<http://catalog.neiu.edu/search/?P=ENGL-235>) minimum grade of C and (ENGL-384 (<http://catalog.neiu.edu/search/?P=ENGL-384>) minimum grade of C or ENGL-386 (<http://catalog.neiu.edu/search/?P=ENGL-386>) minimum grade of C) and (ENGL-385 (<http://catalog.neiu.edu/search/?P=ENGL-385>) minimum grade of C or ENGL-387 (<http://catalog.neiu.edu/search/?P=ENGL-387>) minimum grade of C or ENGL-374 minimum grade of C).

ENGL-3943. Creative Writing Internship. 3 Hours.

This is a supervised field experience in a profession that utilizes creative writing (magazine or book publishing, journalism, advertising, arts non-profit, etc). With the approval of the department chair, students may enroll for academic credit from 1-6 hours. In consultation with a faculty advisor and field supervisor, the student will contract field service hours and create an individualized work plan. Students will also meet regularly with the faculty advisor and be evaluated qualitatively and quantitatively for a final grade. By department permission only.

Prerequisites: ENGL-235 (<http://catalog.neiu.edu/search/?P=ENGL-235>) minimum grade of C and (ENGL-384 (<http://catalog.neiu.edu/search/?P=ENGL-384>) minimum grade of C or ENGL-386 (<http://catalog.neiu.edu/search/?P=ENGL-386>) minimum grade of C) and (ENGL-385 (<http://catalog.neiu.edu/search/?P=ENGL-385>) minimum grade of C or ENGL-387 (<http://catalog.neiu.edu/search/?P=ENGL-387>) minimum grade of C or ENGL-374 minimum grade of C).

ENGL-3944. Creative Writing Internship. 4 Hours.

This is a supervised field experience in a profession that utilizes creative writing (magazine or book publishing, journalism, advertising, arts non-profit, etc). With the approval of the department chair, students may enroll for academic credit from 1-6 hours. In consultation with a faculty advisor and field supervisor, the student will contract field service hours and create an individualized work plan. Students will also meet regularly with the faculty advisor and be evaluated qualitatively and quantitatively for a final grade. By department permission only.

Prerequisites: ENGL-235 (<http://catalog.neiu.edu/search/?P=ENGL-235>) minimum grade of C and (ENGL-384 (<http://catalog.neiu.edu/search/?P=ENGL-384>) minimum grade of C or ENGL-386 (<http://catalog.neiu.edu/search/?P=ENGL-386>) minimum grade of C) and (ENGL-385 (<http://catalog.neiu.edu/search/?P=ENGL-385>) minimum grade of C or ENGL-387 (<http://catalog.neiu.edu/search/?P=ENGL-387>) minimum grade of C or ENGL-374 minimum grade of C).

ENGL-3945. Creative Writing Internship. 5 Hours.

This is a supervised field experience in a profession that utilizes creative writing (magazine or book publishing, journalism, advertising, arts non-profit, etc). With the approval of the department chair, students may enroll for academic credit from 1-6 hours. In consultation with a faculty advisor and field supervisor, the student will contract field service hours and create an individualized work plan. Students will also meet regularly with the faculty advisor and be evaluated qualitatively and quantitatively for a final grade. By department permission only.

Prerequisites: ENGL-235 (<http://catalog.neiu.edu/search/?P=ENGL-235>) minimum grade of C and (ENGL-384 (<http://catalog.neiu.edu/search/?P=ENGL-384>) minimum grade of C or ENGL-386 (<http://catalog.neiu.edu/search/?P=ENGL-386>) minimum grade of C) and (ENGL-385 (<http://catalog.neiu.edu/search/?P=ENGL-385>) minimum grade of C or ENGL-387 (<http://catalog.neiu.edu/search/?P=ENGL-387>) minimum grade of C or ENGL-374 minimum grade of C).

ENGL-3946. Creative Writing Internship. 6 Hours.

This is a supervised field experience in a profession that utilizes creative writing (magazine or book publishing, journalism, advertising, arts non-profit, etc). With the approval of the department chair, students may enroll for academic credit from 1-6 hours. In consultation with a faculty advisor and field supervisor, the student will contract field service hours and create an individualized work plan. Students will also meet regularly with the faculty advisor and be evaluated qualitatively and quantitatively for a final grade. By department permission only.

Prerequisites: ENGL-235 (<http://catalog.neiu.edu/search/?P=ENGL-235>) minimum grade of C and (ENGL-384 (<http://catalog.neiu.edu/search/?P=ENGL-384>) minimum grade of C or ENGL-386 (<http://catalog.neiu.edu/search/?P=ENGL-386>) minimum grade of C) and (ENGL-385 (<http://catalog.neiu.edu/search/?P=ENGL-385>) minimum grade of C or ENGL-387 (<http://catalog.neiu.edu/search/?P=ENGL-387>) minimum grade of C or ENGL-374 minimum grade of C).

ENGL-395. The Craft Of The Short Story. 3 Hours.

In this course students will combine the study of the form of the short story with writing short stories. Readings will include classical and contemporary works from across many countries and traditions. Emphasis will be on studying texts and working on craft in workshops.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-396. Screenwriting: The Short Script. 3 Hours.

This is a workshop course in screenwriting, concentrating on producing a short script. Students will study the particular form and conventions, as well as the specific format, of writing a screenplay. Readings will include exemplary screenplays in several genres, as well as essays on the philosophy and technique of screen writing. In workshop students will produce a short script.

ENGL-397. Summer Creative Writing Institute. 3 Hours.

Offered only in summer as an intensive course that runs for most of a day over two to three weeks. Specializing in either fiction or poetry, students participate in workshops as well as sessions with invited speakers with subjects such as: craft of poetry and short fiction, women's poetry, the profession of writing and publishing, how to get published, and the MFA. The emphasis is on an intense workshop experience and an atmosphere of constructive critique leading to the production of a significant portfolio of writing.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) and ENGL-210 (<http://catalog.neiu.edu/search/?P=ENGL-210>) - 236.

ENGL-409A. Writing In Public: Community Literacies, Public Intellectuals, And Rhetorics Of Change. 3 Hours.

This course looks at "public" writing and teaching in the work of marginalized communities, social movements, and public intellectuals. The primary goal is to understand writing as a contested, political act that can influence the public sphere but can also serve as a tool for oppression and control. This course is appropriate for students interested in theories and the teaching of writing and for students interested in critical and community education.

Requirement: At least six credits in the English MA program or by consent of instructor.

ENGL-410. Literary Methods And Practice. 3 Hours.

A foundation course that will build on existing skills and prepare for further graduate-level studies, with a goal of contextualizing and conceptualizing critical attitudes and approaches to literary text. Its aim is to provide advanced critical and scholarly tools for understanding literature and will address criticism and critical method, close reading and analysis and bibliographical and research technique. Required in the first year of study in the Literature Concentration.

ENGL-415. Medieval Literature: Ricardian Poetry. 3 Hours.

This course focuses on the prolific literary production associated with the reign in England of Richard II (1377-1399), including the works of Chaucer, Gower, Langland, the Gawain poet, Julian of Norwich, and others. Using various approaches, course will investigate the period's innovation, its relation to British literary tradition and to 14th - 15th-century historical change.

ENGL-418. Studies In Shakespeare. 3 Hours.

Advanced study of Shakespeare's work, organized by theme. This course will explore a number plays grouped together by an organizing principle (such as "Shakespeare and History," "Shakespeare and the Other," "The Roman Plays," "Romance"). These works will also be placed in their historical context, paying close attention to genre, structure, and language. Students will also study theoretical approaches to Shakespeare's work in reading of contemporary critical works.

ENGL-419. Elizabethan And Jacobean Drama. 3 Hours.

Exploration of English dramatic works from circa 1580-1642, including Marlowe, Greene, Middleton, Marston, Dekker, Jonson, Webster, and Beaumont. This course will pay particular attention to genres that dominate outside the Shakespeare canon (revenge tragedy, city comedy, tragicomedy), as well as detailing the social, cultural, and intellectual developments that characterize this golden age of English stagecraft.

ENGL-420. Teaching Shakespeare. 3 Hours.

This intensive summer course focuses on the teaching of Shakespeare's drama. In order to develop methods for teaching these plays at all levels we will study a few selected plays along with secondary literature. Moving from close textual analysis to a workshop will allow students to work on practical approaches to teaching the plays at the level of plot, characterization, theme, genre, performance, and more. Course material will be expanded with the help of documentaries, films, small group workshops, and guest faculty. Prerequisite: MA or at-large status. Or Permission of Instructor.

ENGL-421. The Metaphysical Poets. 3 Hours.

The metaphysical tradition in seventeenth century poetry and its impact on modern poetry, including works of Donne, Herbert, Crashaw, Vaughan and Traherne and critical studies of Johnson, Grierson, Eliot, Leavis, Williamson and others.

ENGL-422. Milton. 3 Hours.

Study of a turbulent and exciting "century of revolutions" by concentrating on the figure most associated with seventeenth-century English literature, John Milton. We will read all of his major poetry as well as some significant prose writings. We will also attempt to contextualize Milton in his period by studying other major figures such as Ben Jonson, Andrew Marvell, and John Bunyan.

ENGL-426. Seminar In Romantic Literature. 3 Hours.

Advanced study of the major poets of the Romantic period, involving oral reports, and culminating in a term paper.

ENGL-428. The English Novel. 3 Hours.

Study of the English novel from its origins in the 18th century "Rise of the Novel" tradition, through Gothic/Romantic and Victorian Fiction, to Modernism and Post-Modernism. Individual readings may vary, but students are likely to read works by Defoe, Bronte, Woolf, Lawrence, Conrad, etc.

ENGL-429. Writing Across The Curriculum. 3 Hours.

Through class discussion and activities, textual analyses and inquiry-based research assignments, this class explores connections between writing and the creation and representation of knowledge within academic disciplines. Topics include defining what counts as appropriate evidence in various fields, and the role of English departments in writing in the disciplines pedagogy. Though not intended to be guided instruction in the mechanics of writing, students will gain deeper insight into what counts as quality writing in their disciplines, so in addition to MA Composition graduate students, this course is open to graduate students in other fields with written permission by the instructor.

ENGL-430. Studies In Literary Criticism. 3 Hours.

A study of some of the central problems and issues of contemporary criticism, as exemplified by the writings of major theorists.

ENGL-431. Bibliography And Research In English. 3 Hours.

Material, methods, and tools of literary research; use of libraries; preparation of scholarly papers.

ENGL-432. Alternative Literacies. 3 Hours.

This course will explore literacy theories within and beyond composition studies by considering competing models of literacy and the cultural dimensions of writings, such as economic class or multilingualism, as well as the implications of these for the practice of writing and writing instruction.

ENGL-433. Seminar In Composition Theory. 3 Hours.

This course includes an extensive examination of current composition methodologies with emphasis upon the eclectic needs of the composition student.

ENGL-434. Seminar In Basic Writing Theory. 3 Hours.

A survey of types of students in basic writing classes, a review of placement tests for identifying levels of writing competency, and a careful examination of various basic writing methodologies.

ENGL-435. Writing Assessment: Theory And Practice. 3 Hours.

Theoretical background on evaluating student writing, as well as practical training in how to diagnose and remediate problems with grammar and content at the secondary and college level.

ENGL-436. Rhetorics Of Composition. 3 Hours.

This course will provide students with a background in Classical Rhetoric and then examine how the conventions of Classical Rhetoric have been translated or transformed into rhetorics of composition, such as Expressionistic Rhetoric, Cognitive Rhetoric, Epistemic Rhetoric and Social Construct Rhetoric.

ENGL-437. English Studies And Technology. 3 Hours.

Many scholars in English argue that the computer is radically revising the way we read and write texts. Using sources from literary and rhetorical studies, this class will consider how computer technology is contributing to new notions of the author, text, and audience as well as to the ways computers affect students' reading and writing.

ENGL-438. Research In Composition. 3 Hours.

Materials and methods for library research in composition theory; preparation of scholarly work on composition; research designs and measurement techniques for qualitative and quantitative studies in composition.

ENGL-439. Stylistics. 3 Hours.

Examination of the historical relationship of style to rhetoric; techniques for improving prose style; aspects of style as a part of writing evaluation.

ENGL-440. Malory. 3 Hours.

Examination of Sir Thomas Malory's *Morte D'Arthur* concentrating on structure and interpretation, while considering current controversies over authorship and the state of the text; attention to the position of the work in the development of the Arthurian legend and in the context of the fifteenth century.

ENGL-456. William Blake. 3 Hours.

Intensive study of the works of Blake, noting the religious, political and social beliefs, opinions and doctrines his works evaluate and challenge.

ENGL-457. The Poetry And Prose Of Shelley. 3 Hours.

An intensive study of the poetry and prose works of Shelley in the light of his social, religious, and political milieu and with the aid of pertinent scholarship regarding the poet.

ENGL-458. Troilus And Criseyde. 3 Hours.

Study of the development of the legend of Troilus from a brief mention in *The Iliad* through the dramatic treatment in 12th century chronicles and Boccaccio's great romance to Chaucer's major verse 'novel' and Shakespeare's enigmatic drama.

ENGL-459. Dante. 3 Hours.

Study of the poetry (in translation) of the major Italian poet of the Middle Ages and Renaissance concentrating on the *Vita Nuova* and the *Divine Comedy* with consideration of the theological, philosophical and cultural sources of Dante's work.

ENGL-461. Dostoyevski: The Major Works. 3 Hours.

Dostoyevski's major works (such as *Notes from the Underground*, *Crime and Punishment*, *The Idiot*, *The Brothers Karamazov*) in relation to the social, political and religious issues which concerned the writer.

ENGL-466. American Renaissance Revisited. 3 Hours.

A critical study of mid-19th century U.S. literature that explores the writers identified with the "American Renaissance" and their relationship to other important literary developments such as the slave narrative and women's domestic fiction.

ENGL-467. The Age Of Literary Realism In The United States. 3 Hours.

A study of U.S. literary realism, the cultural and socio-historical conditions of its emergence, and its relation to other later 19th century literary genres such as sentimentalism and naturalism. Authors might include Twain, Howells, James, Chesnut, Wharton, Dreiser, Chopin, and others.

ENGL-468. U.S. Literary Modernism & Its Others. 3 Hours.

A study of literary developments in the United States from the early 20th century to the Cold War, focusing on the rise of modernism, proletarian literature, literature of the Harlem Renaissance, and other important bodies of literature.

ENGL-469. Seminar In Southern Literature. 3 Hours.

Intensive reading of twentieth-century Southern literature exclusive of Faulkner with emphasis on the sociological and psychological aspects of the literature as they mirror in America's South.

ENGL-470. Seminar In Faulkner. 3 Hours.

Intensive reading of the short fiction and novels of William Faulkner with specific attention on his development as a novelist and his place among twentieth century American authors.

ENGL-471. Studies In The American Novel. 3 Hours.

A study of major developments in the U.S. novel, this course might feature a variety of foci, including the rise of the novel in America, particularly literary periods or genres, key moments of transition in U.S. literary history, or other key evolutions in novelistic practice in the United States.

ENGL-474. Seminar In Byron. 3 Hours.

Close examination of the poetic canon of Lord Byron.

ENGL-475. Seminar In Keats. 3 Hours.

Close examination of the poetic canon of John Keats.

ENGL-476. Oil Fictions: Reading Along The Transnational Pipeline. 3 Hours.

This course brings together multiple literary genres and cultural forms to study diverse voices along the transnational oil pipelines, from privileged subjects whose desires, values, and lifestyles are enabled by mass oil consumption, to the communities and geographies that suffer the consequences of this oil dependency, social relations typically rendered invisible and inaudible by the dominant forms of globalization.

ENGL-477. Producing "America": Issues Of Work, Class, And Political Economy In U.S. Literature And Culture. 3 Hours.

This course will focus on literary and cultural works that represent the material conditions of production in the United States as well as on the way we ideologically produce American identity and culture in ways that obscure or make visible the work people do to make our material lives possible. The class will foreground issues of class and political economy in reading literature and culture from a working-class perspective.

Requirements: Admission to an English MA program or consent of instructor.

ENGL-480. Ethnic Literatures. 3 Hours.

A study of "ethnic," "minority," and U.S. Third World literatures, of the conditions of their emergence as literary formations in relation to cultural, social, and literary developments, and of their relationship to racial and ethnic studies.

ENGL-481. Latin American Literature. 3 Hours.

This course explores major works in Latin American literature across various genres (novel, drama, poetry). The rich pre-colonial, colonial, and post-colonial periods will be studied through works which represent the struggles of different people from different classes, with differing origins, and who hold disparate religious beliefs in this large and diverse region.

ENGL-482. Contemporary Poetic Forms. 3 Hours.

A study of the diverse poetic forms emerging in American poetry since the 1960's- free verse, new formalism, and many experimental forms- as well as the hands-on experience of writing in these forms.

ENGL-483. Postcolonial Literature. 3 Hours.

This course studies literary works produced by or about peoples who have been colonized by European imperial powers. It situates these literatures within the philosophical frameworks that informed European imperial hegemonies as well as the colonized people's responses to them. While we will draw theoretical examples from every part of the world, our literary readings in this class will concentrate mainly on the literatures of Africa and Asia and their diasporas, especially in the Caribbean.

ENGL-484. Contemporary U.S. Literature Since The Cold War. 3 Hours.

A study of the Cold War critical construction of "American" literature and important literary developments from the 1950s to the present, including the rise of postmodernism, the Beat Generation, and a variety of ethnic literary developments, as well as other important literary phenomena of the period.

ENGL-485. Contemporary European Literature. 3 Hours.

The aim of this course is to examine some important works of European literature from the 20th century till date. The course explores major issues such as the place of ethics in literature, holocaust, the World War I II, European identity etc.

ENGL-487. Material Culture. 3 Hours.

In this seminar, students will concentrate on the material contexts (legal, economic, social, technological) that inform cultural production. While the cultural forms and historical periods focused upon may vary by instructor, in every case the course will introduce students to the history of critical work in this area and involve projects in which students trace the marks of material forces in cultural forms.

Requirement: two additional courses at the 400 level

Prerequisite: ENGL-410 (<http://catalog.neiu.edu/search/?P=ENGL-410>) minimum grade of C.

ENGL-488. Africana Literature: Slavery And The Literary Imagination. 3 Hours.

Through the lens of former slaves and contemporary novelists and scholars, this course explores the ways in which the slavery narrative and the neo-slave narrative attend to the larger existential question of what it means to be free. The corollary notions of race, gender, citizenship, and labor, among others, will also be considered. In addition, this class will investigate the ways in which the re-inscription of slavery, in contemporary literature, has impacted the development of the Africana literary tradition in terms of content, genre, and form.

ENGL-491. Sonnet: Not Just A Love Song. 3 Hours.

This class will explore the sonnet's many voices and subjects-from plaintive to menacing, from romance to racial injustice. We will read across the centuries, from Shakespeare to Keats to Edna St. Vincent Millay. We will read sonnet-variations, and sonnet-spoofs by contemporary American poets and we will experiment with sonnets of our own. Our time will be spent on close readings, discussions, writing, and informal presentations.

ENGL-495. Re-Thinking Race & Gender. 3 Hours.

This is an intensive summer course that runs for ten days over three weeks. It takes up history critically to engage in a concentrated re-thinking of how we learn to see, identify, and inhabit issues of race and gender. Workshops, lectures, and sessions with invited guests will unpack structures and relations of race and gender and the ways they get naturalized. The course is designed for graduates, undergraduates, and teachers, and is cross-listed in the Graduate College and the College of Arts Sciences.

Requirements: Graduate status or junior-senior status in English, Philosophy, Political Science, Sociology, WGS, AFAM or LGBTQ.

ENGL-5901. Thesis Hours. 1 Hour.

Graduate students complete an extensive, lengthy research or creative project under the guidance of a supervising committee. The thesis is optional for English graduate students and accounts for 6 of the 33 credit hours required for the M.A.

ENGL-5902. Thesis Hours. 2 Hours.

See course description for ENGL-5901 (<http://catalog.neiu.edu/search/?P=ENGL-5901>).

ENGL-5903. Thesis Hours. 3 Hours.

See course description for ENGL-5901 (<http://catalog.neiu.edu/search/?P=ENGL-5901>).

English Language Program (ELP)

Courses

ELP-095. Developmental Writing Workshop I. 3 Hours.

(Does not count toward graduation or GPA calculation.) This course presents basic principles of personal essay writing in English, with emphasis on developing sentence level skills. Registration is by placement exam.

Prerequisite: Accuplacer WritePlacer 2.

ELP-096. Developmental Writing Workshop II. 3 Hours.

(Does not count toward graduation or GPA calculation.) This course is an introduction to the basic principles used in writing expository essays based on personal experience, and intensive work to improve sentence level skills. Registration is by placement exam or permit.

Prerequisite: ELP-095 (<http://catalog.neiu.edu/search/?P=ELP-095>) minimum grade of RC or ELP-112 (<http://catalog.neiu.edu/search/?P=ELP-112>) minimum grade of C or Accuplacer WritePlacer 3.

ELP-097. Developmental Writing Workshop III. 3 Hours.

(Does not count toward graduation or GPA calculation.) This course offers practice and instruction in writing expository essays, with emphasis on paragraph development, increased fluency in written English, and proofreading skills. Registration is by placement exam or permit.

Prerequisite: Accuplacer WritePlacer 4 or ELP-096 (<http://catalog.neiu.edu/search/?P=ELP-096>) minimum grade of RC or ELP-114 (<http://catalog.neiu.edu/search/?P=ELP-114>) minimum grade of C.

ELP-112. ESL Writing Workshop I. 3 Hours.

Open only to English Language Learners (ELLs). This course provides basic instruction aimed at guiding the ELLs' transition from their existing native language writing skills to academic English with an emphasis on sentence-level skills needed for writing personal narrative essays. Registration is by permit only.

ELP-114. ESL Writing Workshop II. 3 Hours.

Open only to English Language Learners (ELLs). This course provides instruction aimed at continuing the ELLs' transition from their existing native language writing skills to academic English. Work centers on the writing of basic expository essays and intensive work on sentence level skills. Registration is by permit only.

ELP-120. ESL Writing Workshop III. 3 Hours.

Open only to English Language Learners (ELLs). This course provides additional practice and instruction aimed at helping ELLs complete their transition from writing in their native language to writing in college-level academic English. Writing expository essays across various genre, with emphases on paragraph development, increased fluency and editing and proofreading skills form the core content of this course. Registration is by permit only.

ELP-121. English Grammar Skills. 3 Hours.

Analysis of and practice in selected English grammatical patterns, with special emphasis on their academic application.

English Second Language (ESL)

Courses

ESL-108. Listening And Speaking. 3 Hours.

(English language learners.) Practice in the listening and speaking skill used in American universities, with emphasis on comprehension of brief academic lectures, presentation of brief reports, and participation in class discussion. Registration by permit only.

ESL-290. English For Specific Purposes. 3 Hours.

This advanced-level course develops all language skills through an integrated-skills approach. The learning of specialized English Language Studies' practices within a particular discipline will be accomplished through a focus on field-specific language and its use. Language is acquired in context with a particular focus on intensive interaction for specific disciplinary purposes. Registration by permit only.

Prerequisites: ESL-114 minimum grade of D and READ-116 (<http://catalog.neiu.edu/search/?P=READ-116>) minimum grade of D.

Environmental Science (ENVI)

Courses

ENVI-101. Introduction To Environmental Science. 3 Hours.

This course introduces environmental science as the interdisciplinary study of environmental issues related to human impact on the natural environment. The course addresses environmental science literacy and scientific methods through inquiry into and discussion of biogeochemical cycles, ecosystem dynamics, climate change, conventional and renewable energy, resources, and sustainability. Lecture (2 hrs) and laboratory (2 hrs).

Prerequisite: (MATH-091 (<http://catalog.neiu.edu/search/?P=MATH-091>) - 499 or MATH-091A - 499Z or NEIU Math Placement Result 02 - 45 or ACT Math 19 - 36 or Accuplacer Elementary Algebra 060 - 084 or Accuplacer College Level Math 020 - 120).

ENVI-301. Field Methods In Environmental Science. 3 Hours.

This problem-based interdisciplinary course builds on the knowledge and skills acquired in introductory biology, chemistry, earth science, mathematics, and physics. Topics covered include experimental design, sampling, and analytical techniques that are standard to the different scientific disciplines. Students are introduced to interdisciplinary research methods at field sites and develop skills in group collaboration as well as written and oral presentation. Laboratory (6 hrs).

Prerequisites: BIO-202 (<http://catalog.neiu.edu/search/?P=BIO-202>) minimum grade of C and CHEM-212 (<http://catalog.neiu.edu/search/?P=CHEM-212>) minimum grade of C and ENVI-101 (<http://catalog.neiu.edu/search/?P=ENVI-101>) minimum grade of C and MATH-275 (<http://catalog.neiu.edu/search/?P=MATH-275>) minimum grade of C and (ESCI-121 (<http://catalog.neiu.edu/search/?P=ESCI-121>) minimum grade of C or ESCI-211 (<http://catalog.neiu.edu/search/?P=ESCI-211>) minimum grade of C).

ENVI-390. Environmental Science Research & Practice. 4 Hours.

This course puts into practice the knowledge and skills acquired by students throughout the Environmental Science Program. Through case studies, literature review, group discussions, and a research project, students apply concepts from the various scientific disciplines. Working in small teams, students conduct practical scientific research on environmental issues relevant to the local, regional or global community.

Requirements: three electives in BIO, CHEM, ESCI, MATH, and/or PHYS; program approval

Prerequisite: ENVI-301 (<http://catalog.neiu.edu/search/?P=ENVI-301>) minimum grade of C.

Exercise Science (EXSC)

Courses

EXSC-403. Introductory Research Methods And Statistical Analysis. 3 Hours.

The course provides an introduction to a number of basic research designs and the appropriate parametric and/or non-parametric statistical tests for the analysis of data collected using these designs. Additionally, the students will be given an overview of the research process, the various types of research and the various avenues for research presentation.

EXSC-404. Exercise Testing And Prescription. 3 Hours.

The laboratory component of the course provides instruction and experience in the performance of laboratory and field tests for the measurement of variables needed to evaluate the health-related fitness components (i.e., cardiorespiratory endurance, muscular strength/endurance, muscular flexibility, and body composition). The lecture component of the course focuses on the physiological rationale for these tests and covers the procedures for utilizing the information collected in laboratory and field testing. Specifically, students will be instructed on the evaluation the health-related fitness status of tested individuals and on the prescription of exercise training regimens for health-related fitness status alteration and physical performance enhancement. An equipment fee of \$125 is required.

Prerequisites: EXSC-402 minimum grade of D and EXSC-403 (<http://catalog.neiu.edu/search/?P=EXSC-403>) minimum grade of D.

EXSC-405. Applied Nutrition. 3 Hours.

The course provides instruction in macronutrient requirements at rest and during exercise, energy balance for body composition alteration or maintenance (i.e., obesity prevention), fluid and electrolyte balance during exercise, and the vitamin/mineral concerns associated with exercise and performance. Additionally, the course will consider the preventative role of nutrition in various disease states including cardiovascular disease, degenerative bone disease, and diabetes.

Prerequisite: EXSC-401 minimum grade of D.

EXSC-413. Program Development And Management In The Fitness Industry. 3 Hours.

The course provides instruction in the area of organizational development and management in the corporate, commercial and institutional fitness industries. Specifically, an overview and the underlying principles of operating fitness facilities, sales/marketing strategies, member/ staff recruitment/ management practices, program/ specialized program management, equipment purchase/ maintenance, health/ safety considerations, facility development/ management, financial management, legal issues, and insurance considerations will be discussed.

EXSC-414. Program Development And Management In Health Promotion. 3 Hours.

The course provides instruction in the area of organizational development and management in the health promotion field. Specifically, the procedures for needs assessment, planning, implementation, resource identification/ allocation, marketing and evaluation for health promotion programs will be discussed.

EXSC-415. Exercise Management In Chronic Diseases And Disabilities. 3 Hours.

The course expands on the exercise testing and prescription information covered in EXSC-404 (<http://catalog.neiu.edu/search/?P=EXSC-404>) to include special population with chronic disease and/or disabilities. The course provides a pathophysiological overview of various cardiovascular, pulmonary, metabolic, immunological/hematological, orthopedic, neuromuscular, cognitive, emotional and sensory disorders. A major portion of the course deals with exercise management in people with these disease/ disabilities and, in particular, instruction on the special exercise testing and prescription considerations for these populations (e.g., abnormal exercise response potential, exercise interaction with commonly prescribed medication, etc.).

Prerequisite: EXSC-404 (<http://catalog.neiu.edu/search/?P=EXSC-404>) minimum grade of D.

EXSC-416. Practices In Cardiac Rehabilitation. 3 Hours.

The course provides the student with a concise and comprehensive overview of the research and currently accepted professional practice in the fields of heart disease primary prevention and cardiac rehabilitation. Specifically, the epidemiology, pathophysiology, diagnosis and treatment of heart disease will be discussed. Included in these discussions will be the diagnostic and prognostic use of exercise testing in cardiac patients. Additionally, a significant portion of the course will cover cardiovascular disease risk factor modification and the rehabilitation cardiac patients, including exercise prescription guidelines for this special population.

Prerequisite: EXSC-404 (<http://catalog.neiu.edu/search/?P=EXSC-404>) minimum grade of D.

EXSC-417. Human Sexuality. 3 Hours.

The course provides instruction in the anatomical, physiological, developmental, psychosocial, cultural and health-related aspects of human reproduction and sexuality. The primary goal of the course is to enhance student understanding and comfort with regard to these topics.

EXSC-418. Current Topics In Exercise Science. 3 Hours.

The course provides students with the opportunity to explore the current research in the various areas that encompass the Exercise Sciences. Additionally, students are provided with a venue in which to discuss, with their peers and their professors, these topics salient to their professional growth and development. Understanding of these current topics is evaluated through the students' written reviews, oral presentations, and participation in class discussions of the presented reviews.

Prerequisites: EXSC-401 minimum grade of C and EXSC-402 minimum grade of C and EXSC-403 (<http://catalog.neiu.edu/search/?P=EXSC-403>) minimum grade of C and EXSC-405 (<http://catalog.neiu.edu/search/?P=EXSC-405>) minimum grade of C.

EXSC-419. Psychology Of Exercise & Health Behaviors. 3 Hours.

The course provides instruction in the biopsychology and applied psychology of exercise and health behaviors. The neurological basis of learning as it is integrated into the learning of behaviors will be emphasized within the context of individual characteristics, motivation, psychological interventions, and social processes that influence exercise and health behaviors.

EXSC-420. Prevention Of Chronic Disease Through Diet & Exercise. 3 Hours.

The course covers the molecular and cellular basis of prevention of chronic diseases. The emphasis is on the biological mechanisms of the causes of chronic diseases and on how dietary components and repeated stressful exercise alter the mechanisms of cause to reduce risk for these diseases. The major topics include: inflammation, obesity, metabolic syndrome and diabetes, atherosclerosis, and cancer.

Prerequisites: EXSC-401 minimum grade of C and EXSC-405 (<http://catalog.neiu.edu/search/?P=EXSC-405>) minimum grade of C.

EXSC-421. Motor Control And Learning. 3 Hours.

The course provides instruction in how humans control locomotion and how they learn/re-learn motor skills. Specifically, the course emphasizes the observable behavioral aspects of motor control/learning while detailing the neurophysiological and biomechanical processes that result in the aforementioned motor behaviors.

Prerequisite: EXSC-403 (<http://catalog.neiu.edu/search/?P=EXSC-403>) minimum grade of D.

EXSC-422. Biomechanics. 3 Hours.

The course provides instruction in how the interaction between anatomy, physiology, and the laws of physics affect and control human movement and performance. Specifically, the biomechanical of work and energy, balance and movement control, force load and force production, and fatigue during exercise and performance will be discussed.

Prerequisites: EXSC-402 minimum grade of D and EXSC-403 (<http://catalog.neiu.edu/search/?P=EXSC-403>) minimum grade of D.

EXSC-425. Exercise And Environmental Physiology. 3 Hours.

The course provides instruction on how the human body functions in stressful environments, and how these environments may alter human performance. Specifically, the effect of heat/humidity, cold/windchill, depth, altitude and air pollution on the physiology of the resting and exercising human body will be discussed.

Prerequisite: EXSC-402 minimum grade of D.

EXSC-426. Growth, Maturation, And Performance. 3 Hours.

The course provides instruction on the biological growth and maturation processes, the effects of physical activity on child and adolescent growth, and the physical performance ability variations seen throughout growth and maturation. Included will be discussions on the age-/gender- variations in growth and performance, the factors regulating/ influencing growth, maturation and performance, the chronic disease and injury risk factors in children, and other critical issues that must be considered when dealing with physical performance in children and adolescents.

Prerequisites: EXSC-402 minimum grade of D and EXSC-405 (<http://catalog.neiu.edu/search/?P=EXSC-405>) minimum grade of D and EXSC-421 (<http://catalog.neiu.edu/search/?P=EXSC-421>) minimum grade of D.

EXSC-427. Competitive Performance In The Disabled. 3 Hours.

The course provides instruction on the history, current status, and future directions of disability sport within our society. Specific discussions will include the psychosocial and medical issues that must be considered when working with the physically active disabled, and the existing sports, sport modifications, participation opportunities, and participation barriers for individuals with performance-altering impairments.

EXSC-428. Female-Specific Performance Issues. 3 Hours.

The course provides instruction on critical medical, physiological, psychosocial and behavioral issues for the physically active female from prepubescence through maturity. The female-specific topics to be discussed relative to exercise and performance include physiology, potential injury risks, physical and hormonal variations, health issues, activity and aging, exercise training prescription, substance abuse, eating disorders, and the psychosocial attitudes towards the athletic female.

Prerequisites: EXSC-402 minimum grade of D and EXSC-405 (<http://catalog.neiu.edu/search/?P=EXSC-405>) minimum grade of D.

EXSC-430. Internship. 3 Hours.

The course provides students the opportunity to gain practical exercise science (e.g., fitness, wellness, or human performance) career experience in corporate, commercial, institutional, community, educational, rehabilitative or research settings.

EXSC-431. Independent Study/Research. 3 Hours.

The course affords students the opportunity to conduct an independent experimental, descriptive, analytical or qualitative research project within the exercise sciences. The credit hours can also be used for faculty-monitored learning of advanced laboratory methodology not covered in the current curriculum. Planning of the proposed research project or independent study must be supervised and approved by an EXSC faculty member prior to course enrollment approval. Submission of a written report of the completed research project or independent study will be required for all students.

Prerequisite: EXSC-403 (<http://catalog.neiu.edu/search/?P=EXSC-403>) minimum grade of D.

EXSC-432. Thesis Research. 6 Hours.

For those students selecting the Thesis Option for the Master of Science in Exercise Science degree, the course provides faculty guidance in the areas of research question development, research design, data analyses, data interpretation, written research presentation and oral research presentation.

Prerequisite: EXSC-403 (<http://catalog.neiu.edu/search/?P=EXSC-403>) minimum grade of D.

EXSC-433. Performance-Related Injury Management. 3 Hours.

The course provides instruction in the prevention and management of injuries related to human performance. The topics discussed include an overview of the athletic training profession, techniques for injury risk management, the pathology of injury, various injury management skills (e.g., psychosocial intervention, injury evaluation/emergency care, therapeutic modalities, exercise rehabilitation and pharmacology), and an overview of the evaluation, care, and rehabilitation of various specific performance-related injuries.

Prerequisites: EXSC-402 minimum grade of D and EXSC-405 (<http://catalog.neiu.edu/search/?P=EXSC-405>) minimum grade of D.

EXSC-434. Physiology Of Aging And Physical Activity. 3 Hours.

The course provides instruction in the theories of the aging process and the age-related changes in the functioning of various physiological systems. Specifically, the age-related changes in bioenergetics, work capacity/ efficiency, cardiopulmonary function, muscular strength, endurance, motor control, motor performance, and psychosocial functioning, among other variables are discussed. Additionally, the potential role of physical activity and exercise in the alteration of these age-related changes, quality of life indices, functional capacity, and productivity in the elderly will be presented.

Prerequisite: EXSC-402 minimum grade of D.

EXSC-435. Theory & Methodology Of Coaching. 3 Hours.

The course provides instruction on the theories and methodologies of sport coaching. Specific emphasis will be placed on the planning, implementation and assessment aspects of coaching, including the philosophical foundations of coaching, technical and tactical coaching principles and player assessment strategies.

Prerequisite: EXSC-421 (<http://catalog.neiu.edu/search/?P=EXSC-421>) minimum grade of C.

EXSC-442. Sports-Specific Exercise Training. 3 Hours.

This course integrates the cellular basis of performance enhancement with the components of fitness and of skill enhancement to develop an integrated and applied-science approach to exercise training for: the maximum-performance/moderate-skill sports of sprint long-distance running, cycling, and swimming; the high-level fitness/high-skill sports of gymnastics, hockey, and soccer, and to the lower-level fitness/high-skill sports of basketball, football, and golf.

Prerequisites: EXSC-403 (<http://catalog.neiu.edu/search/?P=EXSC-403>) minimum grade of C and EXSC-421 (<http://catalog.neiu.edu/search/?P=EXSC-421>) minimum grade of C.

EXSC-444. Cellular Physiology Of Exercise. 3 Hours.

The course provides instruction in the bioenergetics of human movement. Specifically, cellular metabolism and its neuroendocrine control, at rest and in response to both acute and chronic exercise, will be discussed. Additionally, the processes and control of transcription, protein synthesis, and protein degradation will be covered.

Prerequisites: EXSC-440 minimum grade of C and EXSC-441 minimum grade of C.

EXSC-445. Cardiovascular & Respiratory Physiology Of Exercise. 3 Hours.

The course provides advanced instruction in the functioning of the respiratory, cardiovascular and skeletal muscular systems at rest and during exercise. Specifically, the course will provide instruction in pulmonary ventilation, myocardial functioning, circulatory response and skeletal muscle contraction, as well as neuroendocrine control of these processes, at rest and during exercise. Additionally, the exercise-specific application of these physiological processes will be discussed in reference to strength/endurance exercise training adaptations, neuro-muscular fatigue, ergogenic aids (i.e., human performance enhancement substances), gender-related performance differences, and youth exercise/performance.

Prerequisites: EXSC-440 minimum grade of C and EXSC-441 minimum grade of C.

Finance (FINA)

Courses

FINA-360. Principles Of Financial Management. 3 Hours.

The purpose of this course is to provide a broad overview of the fundamental concepts in financial management such as creation of value for the shareholders, ratio analysis, time value of money, stock and bond valuation, risk and return, cost of capital and capital budgeting. Prereq.: All Foundation Courses completed.

Prerequisite: ACTG-201 (<http://catalog.neiu.edu/search/?P=ACTG-201>) minimum grade of C.

FINA-362. Investment. 3 Hours.

An introduction to financial markets. Particular emphasis is placed on valuation and the characteristics of different financial assets.

Prerequisite: FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>) minimum grade of C.

FINA-363. Security Analysis. 3 Hours.

This course analyzes the factors affecting the market valuation of securities utilizing fundamental analysis and modern portfolio theory.

Prerequisite: FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>) minimum grade of C.

FINA-364. Problems In Business Finance. 3 Hours.

This course, employing the case method, is designed to help the student through problem-solving as well as learning skills for making financial decisions for corporations.

Prerequisite: FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>) minimum grade of C.

FINA-365. Personal Financial Planning. 3 Hours.

This course is a broad-based introduction to a wide range of personal financial topics, including setting financial goals, budgeting, saving and credit management, insurance, tax planning, asset acquisition, investments, and retirement planning. It will provide the informational and decision-making tools needed for implementing a sound personal financial plan. Prereq.: MATH-165 (<http://catalog.neiu.edu/search/?P=MATH-165>) and FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>).

Prerequisites: (MATH-110 minimum grade of C or MATH-165 (<http://catalog.neiu.edu/search/?P=MATH-165>) minimum grade of C) and FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>) minimum grade of C.

FINA-366. Financial Institutions And Markets. 3 Hours.

The course is designed to provide students with a broad and integrated view of the concepts and principles of the financial system as well as an understanding of pertinent issues faced by different types of financial institutions. Prereq.: FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>).

Prerequisite: FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>) minimum grade of C.

FINA-367. Short-Term Financial Management. 3 Hours.

This course focuses on short-term assets and liabilities and discusses the implications of short-term financial management from the perspective of value creation. It also develops skills useful to a bank loan officer, a credit analyst, a cash manager, or a corporate treasurer.

Prereq.: FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>).

Prerequisite: FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>) minimum grade of C.

FINA-368. Financial Management Of Financial Institutions. 3 Hours.

The objective of this course is to expose the student to the techniques of financial management employed by the financial institutions and other financial intermediaries. The course emphasizes the use of tools for decision making within a financial institution framework which is in a state of transition.

Prerequisite: FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>) minimum grade of C.

FINA-369. Speculative Markets. 3 Hours.

This course reviews the mechanics of the major futures contracts: commodities, financial, stock index, and currency futures. Particular emphasis is placed on hedging price risk with futures contracts, and speculating with futures and options contracts. The student is expected to complete a project involving a simulated trading game involving futures and options. Prereq.: FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>).

Prerequisite: FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>) minimum grade of C.

FINA-370. Option Pricing: Theory And Strategic Applications. 3 Hours.

The course is designed to familiarize students with the theoretical foundations of options pricing. This knowledge is then used to design strategies for profiting from mispriced options. Mathematical complexity will be kept to a minimum. The use of personal computers as decision-making aids will be strongly emphasized.

FINA-371. International Financial Management. 3 Hours.

The course focuses on the international aspects of finance management. Particular emphasis is placed on the control of exchange rate risk and financing multinational corporations.

Prerequisite: FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>) minimum grade of C.

FINA-372. Portfolio Management. 3 Hours.

The course covers the theory and the techniques of portfolio management. Particular emphasis is placed on definition of objectives for and the construction of portfolios. This course prepares the student for the first CFA exam.

Prerequisites: FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>) minimum grade of C and MNGT-368 (<http://catalog.neiu.edu/search/?P=MNGT-368>) minimum grade of C.

FINA-373. Intermediate Financial Management. 3 Hours.

This course is an extension of FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>). It seeks to build upon the theoretical framework developed in FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>), enabling students to acquire new conceptual and applied knowledge of corporate finance. The course covers, among other topics, advanced issues in capital budgeting, optimal capital structure theory, debt policy, dividend policy, buy versus lease decisions, current asset management, mergers, bankruptcies and reorganizations. Students are expected to have a familiarity with a spreadsheet package.

Prerequisite: FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>) minimum grade of C.

FINA-374. Futures Trading Strategies. 3 Hours.

The course is designed to emphasize the practical, rather than theoretical, aspects of futures markets. Students will be exposed to technical analysis, mechanical system development, and to disciplined money management techniques. The student is expected to participate in a simulated trading game involving futures. Prereq.: FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>).

Prerequisite: FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>) minimum grade of C.

FINA-375. Debt Markets And Portfolio Strategies. 3 Hours.

The first part of the course is designed to introduce students to some of the very recent innovations in the fixed-income securities market, as for example, zero coupon bonds, floating rate notes and convertible issues. The next segment familiarizes students with portfolio management considerations unique to debt instruments. Mathematical complexity, though inevitable, will be kept to a minimum.

Prerequisite: FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>) minimum grade of C.

FINA-376. Technical Analysis Of The Futures Market. 3 Hours.

This course will enable students to read and interpret futures price charts. Technical analysis (as opposed to fundamental analysis) stresses the information content of part and price data and is based on the premise that prices do not always move randomly. Students believing in this underlying philosophy ought to benefit from this course.

Prerequisite: FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>) minimum grade of C.

FINA-377. Real Estate Finance. 3 Hours.

The primary objective of this course is to provide an overview of real estate finance. This course involves an exploration of the characteristics, institutions, and markets through which financing of real estate occurs. This course focuses on the dynamic changes that have occurred in the real estate field in the past few years and also assess the impact that these changes have had on both the availability and costs of mortgage debt and the risks associated with its use.

Prerequisite: FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>) minimum grade of C.

FINA-378. Introduction To Risk Management And Insurance. 3 Hours.

The individual, family, business entity, and society are all exposed to accidental loss events that may have a significant bearing on their financial, analyzing, controlling, financing, and monitoring these loss exposures. The primary focus of this introductory course is to provide an understanding of the various risks that businesses and individuals are exposed to and the alternative methods that are available to manage these risks.

Prerequisite: FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>) minimum grade of C.

FINA-380. Entrepreneurial Finance. 3 Hours.

This course offers a framework for understanding fundamentals of entrepreneurial finance.

Topics include introduction to entrepreneurial finance, financial statement analysis, cash flow management, valuation of business, raising capital, debt financing, equity financing and other sources of funding.

Prerequisite: ACTG-201 (<http://catalog.neiu.edu/search/?P=ACTG-201>) minimum grade of C.

FINA-382. Internship In Finance. 3 Hours.**FINA-383. Internship In Finance. 4 Hours.****FINA-384. Internship In Finance. 5 Hours.****FINA-385. Internship In Finance. 6 Hours.****FINA-395. Independent Study In Finance. 3 Hours.****FINA-396. Independent Study In Finance. 2 Hours.****FINA-397. Independent Study In Finance. 1 Hour.****FINA-400. Fundamentals Of Financial Management. 2 Hours.**

This course centers on corporate financial management, providing students with an overview of essential financial concepts such as time value of money, the relation between risk and return, stock valuation, bond valuation, and the analysis of corporate financial performance.

Prerequisite: ACTG-400 (<http://catalog.neiu.edu/search/?P=ACTG-400>) minimum grade of C.

FINA-402. Issues In Corporate Finance. 3 Hours.

This course provides a broad exposure to the principles and techniques of Financial Management. The course discusses how important areas in Financial Management, namely, the Investment Decision, Financing Decision, and Payout Decision can contribute to the goal of shareholder value creation, from a domestic and international perspective. Prereq.: FINA-400 (<http://catalog.neiu.edu/search/?P=FINA-400>) or equivalent and graduate standing.

Prerequisite: FINA-400 (<http://catalog.neiu.edu/search/?P=FINA-400>) minimum grade of C.

FINA-460. Financial Management. 3 Hours.

Prerequisite: MNGT-368 (<http://catalog.neiu.edu/search/?P=MNGT-368>) minimum grade of C.

FINA-462. Investment Strategies. 3 Hours.

This course provides an overview of investing with an emphasis on the fundamental approach to investing. Students will be exposed to modern portfolio theory and its implications and gain an understanding of asset pricing models, bond portfolio management strategies, and equity portfolio management strategies. Prereq.: FINA-400 (<http://catalog.neiu.edu/search/?P=FINA-400>) or equivalent and graduate standing.

Prerequisite: FINA-460 (<http://catalog.neiu.edu/search/?P=FINA-460>) minimum grade of C.

FINA-469. Mergers And Acquisitions. 3 Hours.

This course involves an examination of the key elements of the mergers and acquisitions process. It provides the analytical framework and vital tools necessary to successfully plan and execute mergers, acquisitions, and corporate restructuring. One key goal of this course is for the students to develop a critical appreciation of the key financial and strategic criteria in a proposed acquisition. The primary purpose of this course is to make sure students understand what works and what does not, in the world of mergers and acquisitions.

Prerequisite: FINA-400 (<http://catalog.neiu.edu/search/?P=FINA-400>) minimum grade of C.

FINA-470. Corporate Financial Strategy. 3 Hours.

Corporate financial strategy in practice is emphasized in this course. Topics to be discussed include: (a) financial planning, (b) strategies for raising capital, (c) strategies for allocating capital among different uses, and (d) strategies for working capital management.

Prerequisite: FINA-400 (<http://catalog.neiu.edu/search/?P=FINA-400>) minimum grade of C.

FINA-471. International Financial Management. 3 Hours.

This course emphasizes the theoretical concepts of international finance such as currency arbitrage and interest rate parity and their practical ramifications. Particular emphasis is placed on the hedging of exchange risks for importers and exporters, swap financing, international capital budgeting, and the cost of capital for local and foreign currency borrowing. Prereq.: FINA-400 (<http://catalog.neiu.edu/search/?P=FINA-400>) or equivalent and graduate standing.

Prerequisite: FINA-400 (<http://catalog.neiu.edu/search/?P=FINA-400>) minimum grade of C.

FINA-474. Seminar On Futures And Options Markets. 3 Hours.

This seminar provides an overview of the commodity/financial futures and options markets. Particular emphasis is placed on hedging price risk with futures contracts, valuing options contracts, and speculating with trading strategies involving futures and options contracts. The course will emphasize trading strategies using the futures and options markets with the help of a simulated trading game. Prereq.: FINA-400 (<http://catalog.neiu.edu/search/?P=FINA-400>) or equivalent and graduate standing.

Prerequisite: FINA-400 (<http://catalog.neiu.edu/search/?P=FINA-400>) minimum grade of C.

FINA-475. Management Of Financial Institutions. 3 Hours.

This course focuses on the application of traditional finance concepts to the management of commercial banks and other depository intermediaries, which are part of the Financial Services Industry, operating in domestic and international markets.

Prerequisite: FINA-400 (<http://catalog.neiu.edu/search/?P=FINA-400>) minimum grade of C.

FINA-500. Project. 3 Hours.

Approval of major advisor is necessary.

FINA-501. Thesis. 3 Hours.

Approval of major advisor is necessary.

Foreign Lang Elem Schl Tchg (EFLM)

Courses

EFLM-372. Methods Of Teaching Foreign Language In The Elementary School. 3 Hours.

French (FREN)

Courses

FREN-101. Beginning French I. 3 Hours.

Development of basic skills in listening, speaking, reading and writing. Cultural appreciation.

FREN-102. Beginning French II. 3 Hours.

Continuation of FREN-101 (<http://catalog.neiu.edu/search/?P=FREN-101>).

Prerequisite: (FREN-101 (<http://catalog.neiu.edu/search/?P=FREN-101>) or NEIU French Placement Score 283 - 310).

FREN-201. Intermediate French I. 3 Hours.

Continuation of FREN-102 (<http://catalog.neiu.edu/search/?P=FREN-102>).

Prerequisite: (FREN-102 (<http://catalog.neiu.edu/search/?P=FREN-102>) or NEIU French Placement Score 311 - 445).

FREN-202. Intermediate French II. 3 Hours.

Prerequisite: (FREN-201 (<http://catalog.neiu.edu/search/?P=FREN-201>) - 399 or FREN-201A - 399Z or NEIU French Placement Score 311 - 445).

FREN-210. Reading Modern French. 3 Hours.

Practice in reading modern texts of current interest and moderate difficulty.

Prerequisite: (FREN-201 (<http://catalog.neiu.edu/search/?P=FREN-201>) - 399 or FREN-201A - 399Z or NEIU French Placement Score 311 - 445).

FREN-220. French Conversation I. 3 Hours.

Development of oral-aural communication skills with emphasis on everyday situations. Conducted in French.

Prerequisite: (FREN-201 (<http://catalog.neiu.edu/search/?P=FREN-201>) - 399 or FREN-201A - 399Z or NEIU French Placement Score 311 - 445).

FREN-221. French Grammar And Composition I. 3 Hours.

Overview of grammar with emphasis on writing skills.

Prerequisite: (FREN-201 (<http://catalog.neiu.edu/search/?P=FREN-201>) - 399 or FREN-201A - 399Z or NEIU French Placement Score 311 - 445).

FREN-230. French Phonetics. 3 Hours.

Presentation, classification and analysis of the sounds of the French language with special emphasis on techniques and drills leading to habits of correct pronunciation. Conducted in French.

Prerequisite: (FREN-201 (<http://catalog.neiu.edu/search/?P=FREN-201>) - 399 or FREN-201A - 399Z or NEIU French Placement Score 311 - 445).

FREN-251. French Conversation II. 3 Hours.

Continuation of FREN-220 (<http://catalog.neiu.edu/search/?P=FREN-220>).

Prerequisite: (FREN-201 (<http://catalog.neiu.edu/search/?P=FREN-201>) - 399 or FREN-201A - 399Z or NEIU French Placement Score 311 - 445).

FREN-252. Grammar & Composition II. 3 Hours.

Continuation of FREN-221 (<http://catalog.neiu.edu/search/?P=FREN-221>).

Prerequisite: (FREN-201 (<http://catalog.neiu.edu/search/?P=FREN-201>) - 399 or FREN-201A - 399Z or NEIU French Placement Score 311 - 445).

FREN-300. Introduction To French Civilization. 3 Hours.

Prerequisite: (FREN-201 (<http://catalog.neiu.edu/search/?P=FREN-201>) - 399 or FREN-201A - 399Z or NEIU French Placement Score 446 - 999).

FREN-312. French Conversation III. 3 Hours.

Prerequisite: (FREN-201 (<http://catalog.neiu.edu/search/?P=FREN-201>) - 399 or FREN-201A - 399Z or NEIU French Placement Score 446 - 999).

FREN-313. French Grammar And Stylistics. 3 Hours.

Identification, analysis and use of French structure; extensive exercises in grammatical and logical analysis. Conducted in French.

Prerequisite: (FREN-201 (<http://catalog.neiu.edu/search/?P=FREN-201>) - 399 or FREN-201A - 399Z or NEIU French Placement Score 446 - 999).

FREN-315. Applied French Linguistics. 3 Hours.

A systematic comparison of French and English. Application of teaching techniques related to modern theories of language learning. Required for secondary school teacher certification.

Prerequisite: (FREN-201 (<http://catalog.neiu.edu/search/?P=FREN-201>) - 399 or FREN-201A - 399Z or NEIU French Placement Score 446 - 999).

FREN-320. Introduction To French Literature. 3 Hours.

Outline of French literature; outstanding authors and their works from the Middle Ages to the present. Conducted in French.

Prerequisite: (FREN-201 (<http://catalog.neiu.edu/search/?P=FREN-201>) - 399 or FREN-201A - 399Z or NEIU French Placement Score 446 - 999).

FREN-350. Independent Study In French. 3 Hours.

Project or research on a special topic relevant to the student's degree program. The course will be designed in consultation with an instructor who will also supervise the student's work.

Prerequisite: (FREN-201 (<http://catalog.neiu.edu/search/?P=FREN-201>) - 399 or FREN-201A - 399Z or NEIU French Placement Score 446 - 999).

FREN-357. Contemporary French Society. 3 Hours.

The study and discussions of major debates in French society today. Topics explored may include: family, gender, the media, fashion, music, culinary arts, the education system, urban problems, social stratification, immigration, and French politics. Taught in French.

Prerequisite: (FREN-201 (<http://catalog.neiu.edu/search/?P=FREN-201>) - 399 or FREN-201A - 399Z or NEIU French Placement Score 446 - 999).

FREN-361. Advanced French Conversation. 3 Hours.

Development of communicative skills primarily in speaking and listening in French at the Advanced Level. This course may be repeated once.

Prerequisite: (FREN-201 (<http://catalog.neiu.edu/search/?P=FREN-201>) - 399 or FREN-201A - 399Z or NEIU French Placement Score 446 - 999).

Geography and Envir Studies (GES)

Courses

GES-104. World Geography. 3 Hours.

Students will study world regions, applying geographic methods to local, regional, and global scales. This includes spatial patterns in both the physical environment (climate, soils, natural resources, topography, etc.) and the human environment (population, economic, political, urban, trade, culture, language, etc.) The course includes map interpretation and an introduction to modern geospatial technologies.

GES-109A. First Year Experience: Global Chicago. 3 Hours.

This is an introductory course in urban geography that provides a broad overview of the Chicago metropolitan area in the global context. We will explore the place of Chicago as a hub in the global economy, as well as the many different ways that global forces have impacted social relations and spatial practices in the metropolis.

GES-109B. First Year Experience: Chicago Geographies: Environmental Chicago. 3 Hours.

Students study the relationships between human settlement and the natural environments in the metropolitan area including environmental problems, their causes and possible solutions. Issues such as waste disposal and recycling, brownfields, suburban sprawl, air and water pollution, water supply, flooding and drainage, invasive species, and urban parks are investigated, with classroom discussion and field trips.

GES-150. Introduction To Environmental Studies. 3 Hours.

Environmental relations, problems and proposed solutions, such as environmental degradation, law and impact; land use planning; resource development; population-resource pressures; urbanization; and technological development; from local to global issues.

GES-199. Topics In Environmental Studies For Middle School Teaching. 4 Hours.

GES-205. Physical Geography. 3 Hours.

Introductory survey of the earth's physical environment emphasizing earth-sun relationships, interrelationships of climate, soil and vegetation, and landforms.

GES-212. Economic Geography. 3 Hours.

Exploration of how societies organize economic activities in space at the local, regional and global levels. Students learn how basic geographic frameworks, concepts, explanations and analytical tools show how space and location are critical elements affecting economic systems and why different places achieve different levels of well-being.

GES-213. Cultural Geography. 3 Hours.

Study of the cultural landscape: investigating and analyzing the patterns of language, religion, ethnicity, gender and livelihoods as they vary from region to region.

GES-217. Urban Geography. 3 Hours.

A survey course in urban geography focusing on processes and outcomes of urbanization. The course will address the dramatic changes unfolding in the metropolitan landscape and will encourage students to develop a deeper and more nuanced understanding of cities and urban sociospatial processes.

GES-218. Conservation Of Natural Resources. 3 Hours.

Contemporary approaches toward understanding and management of natural resources: air, water, minerals, soil, forests, grasslands and wildlife.

GES-220. Pollution Control & Prevention. 3 Hours.

Introduction to environmental pollution including that involving air, water, solid waste and noise. Methods of measurement and analysis are covered, as well as legal and economic factors and possible solutions.

GES-240. Water Resources & Development. 3 Hours.

Survey of global water distribution, management, pollution, conservation, conflict and policy. Students will study measures taken to provide adequate water quality and quantity throughout the U.S. and in other world regions.

GES-250. Writing Intensive Program: Writing in GES. 3 Hours.

This course is a writing intensive experience, offering students the opportunity to develop written communication skills by utilizing basic concepts, theories, and techniques in Geography and Environmental Studies. Topics and exercises include note taking, outlines, drafts, styles, bibliography and references, essays, reviews, policy statements and reports of varying length. Sources including library, internet services, and direct observation will be explored. Students will incorporate maps, graphs, and other visual aids.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

GES-291. GIS Across Disciplines. 3 Hours.

This course introduces students from many disciplines to the use of a Geographic Information Systems (GIS) as a tool for storage, display, and analysis of any information for which a location is known. GIS integrates information drawn from many sources by using their location as a linking field. GIS attaches attribute data to spatial objects, and offers a wide variety of tools with which to access, display and analyze that information in new ways. No prior geographic or GIS knowledge is assumed, and there is no course prerequisite. Students will gain conceptual understanding of GIS and experience manipulating prepared data.

GES-302C. Regional Geography: Africa. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302D. Regional Geography: World Oceans. 3 Hours.

The geography and distribution of the oceans; physical geography of the ocean floor; coastal landforms; distribution of earthquakes and volcanoes; oceans and climate; distribution of life in the oceans; human use and abuse of the sea, including contemporary problems and future opportunities; ocean resources; laws of the sea; the importance of the oceans to environmental quality of the earth.

GES-302F. Regional Geography: Australia And The Pacific Islands. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302G. Regional Geography: Caribbean. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302H. Regional Geography: Eastern Europe. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302K. Regional Geography: East Asia. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302L. Regional Geography: Southeast Asia. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302M. Regional Geography: Russia & Central Asia. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302N. Regional Geography: South Asia. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302O. Regional Geography: Middle East. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302Q. Regional Geography: Western Europe. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302S. Regional Geography: Developing World. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302V. Regional Geography: U.S. And Canada. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-302X. Regional Geography: Latin America. 3 Hours.

Descriptive, explanatory, and predictive study of a major region. Emphasis is placed on the region's defining human/social and physical factors, on its distinct problems and opportunities, and its role in a wider spatial context.

GES-303A. Topics In Geography: Social Geography. 3 Hours.

A current topic in geography will be explored in depth. See Schedule of Classes, course notes, and consult the department for more information.

GES-303B. Topics In Geography: American Cities: Past, Present & Future. 3 Hours.

This course consist of an overview of historical development of American cities and an evaluation of contemporary urban issues. It employs the perspective of urban geography, i.e. emphasized spatial interactions and processes taking place within cities and within the American urban system. We will discuss how cities developed in response to changing means of transportation and how suburbanization affected social, economic and environmental aspects of city life. The course will provide you with an understanding of the fundamental aspects urban theory.

GES-305. Geography And Map Skills For Teachers. 3 Hours.

Focuses on five main themes in geography; methods and materials to teach the themes in K-12 classes. Map skills and instructional strategies will also be presented.

GES-307. Environmental Education Seminar. 3 Hours.

Analysis and development of environmental education instructional materials and teaching strategies. Seminar focus varies depending on the interest of the participants.

GES-308. Conservation Psychology. 3 Hours.

Students will explore the emerging field of conservation psychology with an emphasis on the psychological characteristics of the relationship between humans and nature, such as environmental values, attitudes, behavior, and decision-making practices. Course topics, including environmental perception, identity, personal morals, ecopsychology, wilderness psychology, domestic nature, managed nature, community dimensions, and environmental education, will be investigated in the context of promoting environmental responsibility.

Prerequisite: GES-150 (<http://catalog.neiu.edu/search/?P=GES-150>) minimum grade of C or PSYC-100 (<http://catalog.neiu.edu/search/?P=PSYC-100>) minimum grade of C or PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

GES-309. Principles And Methods Of Environmental Interpretation. 3 Hours.

Naturalists and environmental educators learn how to interpret the environment to others in park and camp settings; philosophy, organization, administration, and program methods such as management of field trips, nature trails, campfire programs, overnight camping and trailside museums. Emphasis on meeting the needs of an urban population.

GES-314. Political Geography. 3 Hours.

The relationship between geographical factors of the physical and human environments and political organization. Topics include territorial claims and conflicts, defining borders and districts, spatial patterns of legislation, development and evolution of nations and changing pattern in the world political map.

GES-316. Location Analysis. 3 Hours.

Use of location theory and economic modeling to understand spatial patterns of land use and to determine optimal spatial arrangements relating to location of business, services, resources and trade. Environmental influences and impacts are discussed.

GES-319. Environmental & Natural Resources Policy. 3 Hours.

Physical, economic, social and political factors involved in policy determination and planning for natural resource development; emphasis upon relations between public and private enterprise and policies for international resource development.

GES-321. Environmental Impact Assessment. 3 Hours.

Analysis of the Environmental Policy Act and its requirement of environmental impact assessment. Topics include NEPA requirements, categories and methods of environmental assessment, agency direction for implementing NEPA, impact assessment in planning and decision making, public participation and conflict management.

GES-322. Aerial Photo Interpretation. 3 Hours.

Development and use of aerial photographs for evaluating natural and built environments. Visual identification of social and economic activities and landforms using digital images.

GES-323. Green Infrastructure Planning & Management. 3 Hours.

This course focuses on the challenges and benefits of incorporating open space, native landscaping, street trees, and similar techniques into urban planning to ameliorate problems such as erosion, storm water management, climate change, habitat loss, and pollution. Local plans at differing scales (municipal to regional) will be compared, case studies of green infrastructure implementation will be examined, and management and maintenance of green infrastructure practices will be discussed. Field trips will be required.

GES-327. Forest Resource Management. 3 Hours.

Forest values, management, policies and practices for public and private lands, including national wilderness areas, parks and forests as well as urban parks and forests.

GES-328. Wildlife Resource Management. 3 Hours.

General wildlife management course for resource planners, interpretative naturalists, and educators. Fish and wildlife values, conservation principles and practices, and current policy issues.

GES-329. Sustainable Energy Policy. 3 Hours.

Study of renewable energy resources as alternatives to nuclear energy and the traditional fossil fuels; the use of sunlight, wind, water, biomass etc.; policy options and issues for managing energy resources towards a sustainable future.

GES-336. Solid Waste Issues. 3 Hours.

Examination of trends in municipal solid waste generation, collection, disposal, and management. Discussion of the roles of federal, state, county, and state governments, with a review of national and international waste issues.

Prerequisites: GES-150 (<http://catalog.neiu.edu/search/?P=GES-150>) minimum grade of D and GES-218 (<http://catalog.neiu.edu/search/?P=GES-218>) minimum grade of D and GES-220 (<http://catalog.neiu.edu/search/?P=GES-220>) minimum grade of D.

GES-338. Sustainable Development. 3 Hours.

Students will explore the concepts of sustainability in the context of socio-economic development at various scales and around the world. Sustainable Development is an alternative to a traditional industrial-economic model of growth which can marginalize people and destroy nature. Specific strategies, policies, and implications of this approach will be explored.

GES-339. Geography Of Energy. 3 Hours.

Examination of the changing spatial patterns of the distribution, consumption, and transportation of traditional and alternative energy resources. Investigation of new technologies and management strategies against the background of a shifting resource base. One or more sessions may be held in the field. Prereq.: GES-205 (<http://catalog.neiu.edu/search/?P=GES-205>).

GES-341. Field Methods In Water Resources. 3 Hours.

Field exploration of portable water treatment facilities in urban and rural settings. Students will visit municipal treatment plants and distribution systems as well as small-scale operations, such as private wells and small municipal water plants. Methods of water acquisition, treatment and management used in other part of the country, and in other countries, will be explored. Field trips are required.

GES-342. Water Quality, Treatment, And Standards. 3 Hours.

Field exploration of waste and drinking water treatment facilities in urban and rural settings. Water intake, treatment, and distribution and sewerage system collection methods will be explored. Alternate methods used elsewhere will be discussed.

GES-344. Chicago River Issues. 3 Hours.

This field class explores the geographic, environmental, historic, economic, engineering, recreation and other aspects of the Chicago River. Students will study water quality, land use and ownership issues, habitat restoration, and the importance of rivers in metropolitan areas. Most classes are held in the field.

Prerequisite: GES-104 (<http://catalog.neiu.edu/search/?P=GES-104>) minimum grade of C or GES-150 (<http://catalog.neiu.edu/search/?P=GES-150>) minimum grade of C or GES-205 (<http://catalog.neiu.edu/search/?P=GES-205>) minimum grade of C.

GES-345. Medical Geography. 3 Hours.

This is a comprehensive introduction to the study of health-related topics by applying concepts and methodologies from the discipline of geography. The course is intensive and rigorous, and aims to familiarize students with the major themes and the most prominent contributions in a field that deals with human-environment interactions and the influence these interactions have on public health. The focus of this course is equally on ecological approaches (systematically analyzing relationships between people and their environments), social approaches (including political economy and socio-behavioral approaches), and spatial approaches (including using maps and geospatial statistics to identify patterns of single and associated variables). There will be a special emphasis on using applied analytical tools (such as GIS and remote sensing) to answer health-related problems. Special attention is given to the way that the processes of globalization and urbanization have impacted health locally and internationally.

GES-346. Geography Of Metropolitan Chicago. 3 Hours.

Detailed study of communities within Chicago and its surrounding area, with an emphasis on spatial distribution and arrangement of distinct regions; field trips.

GES-347. Gentrification & Urban Redevelopment. 3 Hours.

Issues and principles of historic urban neighborhood preservation, revitalization, restoration and gentrification emphasizing public and private market initiatives. Field work in the Chicago metropolitan area using various methods of surveying, collecting, recording and processing data.

GES-348. Latino Metropolis. 3 Hours.

A field-oriented course that explores the processes of Latino urbanization and the sociospatial context of Latino urbanism in the U.S., with an emphasis on metropolitan Chicago. Approved for graduate credit.

GES-349. Environment & Urbanization. 3 Hours.

The course focuses on issues of international urban development emphasizing the role of the natural environment. In this context, the rapid growth or urban areas both within and beyond the core industrialized regions necessitates understanding the processes involved and the implications for a livable present and sustainable future.

GES-351. Spatial Statistics. 3 Hours.

Introduction to statistical problems, principles, and techniques for the study of geography and the natural environment.

GES-352. Independent Study In Geography And Environmental Studies. 3 Hours.

Study of a topic of special interest to the student under the supervision of a faculty member. See the department policy on independent studies.

GES-353. Independent Study In Geography And Environmental Studies. 2 Hours.

(See GES-352 (<http://catalog.neiu.edu/search/?P=GES-352>) for description.).

GES-354. Independent Study In Geography And Environmental Studies. 1 Hour.

(See GES-352 (<http://catalog.neiu.edu/search/?P=GES-352>) for description.).

GES-355. Metropolitan Transportation: Problems & Planning. 3 Hours.

Problems of transportation in cities, focusing on commuting, expressway development, the automobile vs. public transportation, congestion, and relative location of jobs and workers. Emphasis on planning more effective transportation systems, particularly in the Chicago area.

GES-357. Geography Of Natural Hazards. 3 Hours.

Study of the location, impact, causes, and mitigation of natural hazards such as earthquakes, volcanoes, flooding, landslides, subsidence, erosion, extreme weather, wildfire, and tsunamis. Local field trips possible.

GES-359. Environmental Planning. 3 Hours.

Principles of land development with emphasis on opportunities and limitation imposed by the physical environment; concepts of land ownership, tenure and use; ecological and environmental analysis; techniques of site design.

GES-360. Environmental Justice & Activism. 3 Hours.

Students investigate the history and process of environmental equity, grassroots activism, legislation and lobbying and community organization. Field trips and guest lectures.

GES-361. Urban Planning. 3 Hours.

City planning process; historical development of planning in the United States; basic components of a comprehensive plan; planning theory and practice; implementation procedures; social planning.

GES-362. Population Geography. 3 Hours.

Population structure, growth/decline, distribution, and migration from local to global scales. Problems including environmental degradation and human suffering will be discussed, as will population policies and initiatives.

GES-3631. Field Experience:Problems In Geography. 3 Hours.**GES-367. Geography Of Tourism. 3 Hours.**

Students will examine tourism from a geographic and environmental perspective. Topics include political and economic impact on communities, ecotourism, and the cultural consequences of First World tourism in the Third World. Students will engage in individual field work to investigate a local tourist site.

GES-368. Changing Global Climates. 3 Hours.

This course explores the normal cycles and also the changing patterns of global climates. Attention is given to both natural phenomena, such as El Nino, and human impacts on climate from deforestation, ozone depletion and the greenhouse effect.

GES-371. Advanced Physical Geography. 3 Hours.

Advanced topics in Physical Geography, including geomorphology, coastal landforms, biomes, diastrophism, weathering, weather and climate.

Prerequisite: GES-205 (<http://catalog.neiu.edu/search/?P=GES-205>) minimum grade of C.

GES-374. Research Methods. 3 Hours.

Students will develop a variety of quantitative and qualitative research skill by way of case studies, historical research and discussion. Students will conduct their own original research, using appropriate methods.

Prerequisites: GES-250 (<http://catalog.neiu.edu/search/?P=GES-250>) minimum grade of C and (GES-104 (<http://catalog.neiu.edu/search/?P=GES-104>) minimum grade of C or GES-150 (<http://catalog.neiu.edu/search/?P=GES-150>) minimum grade of C).

GES-376. Principles Of Cartography. 3 Hours.

Principles of map making; history of cartography, modern techniques, projection, symbolization, visual appeal, thematic map design, production and interpretation.

GES-377. Computer Cartography. 3 Hours.

Students will design, create and publish a variety of thematic maps using cartographic convention and effective symbology with digital graphic programs.

GES-380. Field Methods. 3 Hours.

Introduction to the instruments, measurements, mapping techniques, and sampling procedures used to acquire primary data from field observations. Development of a field research plan, culminating research projects tailored to each student's interest. Approved for graduate credit.

GES-383. Internship In Geography And Environmental Studies. 3 Hours.

Supervised field experience with an agency related to the student's career interest. Prior course work and other experience are evaluated before approval is granted to enroll in the internship. A handout to guide the internship is available from the faculty advisor. 160 work hours.

GES-387. Interactive Cartography. 3 Hours.

Advanced cartographic techniques for web delivery of interactive maps. Basic coding and script modification for interactive map images, preparation of base maps and data. Emphasis is placed on widely available open source tools.

GES-388. Field Camp. 3 Hours.

Consult the Schedule of Classes for specific destination and costs for this travel-based course. Students will perform a research project in a classroom setting prior to travel, and will meet for discussion and presentations of field work afterwards.

GES-389. Urban Design Studio. 3 Hours.

This studio course presents perspective, standards and techniques which integrate cultural, economic, political and social dimensions of urban life in the formulation and representation of urban plans and projects. Students gain an appreciation for theoretical and applied dimensions of urban design, and get hands-on training with computer assisted design projects.

GES-390. Remote Sensing & Digital Image Processing. 3 Hours.

Digital analysis of remotely sensed data using geographic information systems for large regions including rural and urban environments. Detection of a variety of natural resources in the natural and human environments, measurement of change and human impact.

GES-391. Geographic Information Systems I. 3 Hours.

An introduction to GIS technology for research applications. Students will study the conceptual and technical process of GIS research including project design, data acquisition, data manipulation, analysis, interpretation and display. Approved for graduate credit.

GES-392. Geographic Information Systems II. 3 Hours.

Students will learn advanced skills in Geographic Information Systems, including the concepts, methods and techniques of geospatial analysis and modeling. A variety of spatial data (both raster and vector) integration and analysis tools will be explored.

Prerequisite: GES-391 (<http://catalog.neiu.edu/search/?P=GES-391>) minimum grade of C.

GES-393. Geographic Information Systems III. 3 Hours.

This course focuses on advanced analysis of GIS data using scripts and programming. A variety of topics will be explored, including database management, model building, scripting and programming, and open source GIS.

Prerequisite: GES-391 (<http://catalog.neiu.edu/search/?P=GES-391>) minimum grade of C.

GES-395. GIS Internship. 3 Hours.

Supervised field experience using geospatial technologies. A formal proposal and reports are required. See department materials for specific guidelines and instructions.

Prerequisite: GES-391 (<http://catalog.neiu.edu/search/?P=GES-391>) minimum grade of C.

GES-396. Food And The City. 3 Hours.

In the face of growing awareness of global warming, food insecurity, oceanic dead zones, and a declining sense of community, urban agriculture has been championed by government and civil society organizations as a promising solution to a variety of socio-economic and environmental concerns. So what is urban food production really all about? This course will examine the historical contexts of urban agriculture, its current state, and future directions. Through literature and site visits students will examine various forms of urban food production; they will learn how these sites function and evaluate them within the context of the local food system.

GES-401. Seminar In Cultural Geography. 3 Hours.

Selected theories and methodologies of cultural geography and the current trends within the discipline; students prepare a seminar paper that incorporates the concepts of a specific approach applied to a local phenomenon.

GES-411. Scope And Philosophy Of Geography And Environmental Studies. 3 Hours.

Historical development of geography as a spatial discipline. History of conservation and modern environmentalism. Relationship between these two fields, and overview of the M.A. program and graduate level studies.

GES-413. Advanced Research Methods. 3 Hours.

This course develops concepts and skills for those preparing for graduate research (thesis or research paper) in the Department of Geography and Environmental Studies. Research design, data-gathering techniques, data analysis, research planning, quantitative, qualitative, and mixed method approaches and research designs will be covered. Students will interpret published research and produce a research proposal by the end of the semester.

Prerequisite: GES-411 (<http://catalog.neiu.edu/search/?P=GES-411>) minimum grade of C.

GES-415. Geospatial Data Analysis. 3 Hours.

Use of modern technologies in preparation of thematic maps, and an overview of spatial analysis with geographic information systems. Topics include data collection, input, storage, retrieval, manipulation and output.

GES-416. GIS For Natural Systems Management. 3 Hours.

Theory and concepts of data storage, retrieval, visualization, modelling, and output for natural resource applications and management. Students will develop spatial analysis techniques for environmental data, culminating in independently designed research projects.

Prerequisite: GES-391 (<http://catalog.neiu.edu/search/?P=GES-391>) minimum grade of C.

GES-417. Urban Information Systems. 3 Hours.

Analysis of urban environment with GIS. Use of public data to study urban processes such as suburbanization, segregation, economic development, network-based transportation and site location. Student exploration will culminate in a research project of the student's selection.

Prerequisite: GES-391 (<http://catalog.neiu.edu/search/?P=GES-391>) minimum grade of C.

GES-424. Human Dimensions Of Global Environmental Change. 3 Hours.

This course introduces students to the role of humans in driving environmental change across the planet. Drawing on the growing interdisciplinary literature on connections between social and ecological systems, students in this course will analyze the causes, consequences, and mitigation and adaptation options of anthropogenic environmental changes such as climate change and biodiversity loss. Students will be expected to integrate knowledge of human and non-human systems to enhance their understanding of contemporary global environmental problems.

GES-430. Research Seminar. 3 Hours.

Students conduct research and write a research paper on an approved topic to fulfill requirements for the Master of Arts degree. Credit for this course and GES-431 Thesis Seminar, will not be permitted. See departmental policies.

GES-435. Seminar In Physical Geography. 3 Hours.

Students will investigate geomorphic systems and the importance of physical geography for studying the Earth. This course will introduce the principles, models and theories of physical geography followed by a more applied look at the different landscapes. Book chapters, peer reviewed articles, discussion, and a research paper will be required.

Prerequisite: GES-205 (<http://catalog.neiu.edu/search/?P=GES-205>) minimum grade of C.

GES-437. Seminar: Global Wildlife Issues. 3 Hours.

Wildlife ecology, management, and policy are studied from global to local scales. Topics will include evolution and distribution of wildlife, habitat and territory, biomes and ecosystems. Human impacts will also be studied. These include habitat loss/disruption, hunting, pollution, introduction of new species and conservation efforts, environmental ethics, and environmental policies.

GES-440. Qualitative Research Methods In Geography & Environmental Studies. 3 Hours.

Students will explore advanced qualitative methodology topics and techniques related to Geography and Environmental Studies. Students will develop the foundational philosophical knowledge of qualitative inquiry, while practicing and applying various qualitative techniques related to the study of complex human-environment phenomena, resulting in individually tailored research projects. Research projects will involve collecting, analyzing, and representing qualitative data.

Prerequisites: GES-411 (<http://catalog.neiu.edu/search/?P=GES-411>) minimum grade of C and GES-413 (<http://catalog.neiu.edu/search/?P=GES-413>) minimum grade of C.

GES-442. Geographic Problems In Quantitative Measurements. 3 Hours.

Statistical applications in geography and environmental studies; reliability of quantitative formulas and studies; geometrics; statistical project required as part of the course.

GES-445. Seminar In Resource Management And Decision-Making. 3 Hours.

Research seminar involving the principles of decision-making as utilized in the field of resource management; application of these principles through research projects conducted in the Chicago Metropolitan area.

GES-449. Seminar In Land Use Controls. 3 Hours.

Research seminar concerning the rationale and methods of regulating the use of private land: land subdivision, zoning, growth control.

GES-450. Seminar In Urban Planning. 3 Hours.

Urban land use planning process emphasizing the analysis and application of policies for urban spatial structure, activity systems and land development. Review and criticism of official comprehensive plans of cities in the Chicago metropolitan area.

GES-453. Seminar In Sustainable Development. 3 Hours.

Advanced study of sustainable development in the context of science, economics, politics, culture, ecology, and ethics. Development and globalization are critiqued from a political economy perspective; both strengths and limitations of conventional systems are investigated. Institutions, policies, and strategies are analyzed, as are indicators of sustainability and development.

GES-454. Seminar: Population & Environment. 3 Hours.

Students will investigate population dynamics at various scales, including distribution and structure, theories, trends, projections, and policies. Environmental constraints and impacts of population on the natural environment will be explored.

GES-455. Seminar In Environmental Planning. 3 Hours.

Proactive land use strategies to minimize pollution, protect biodiversity and water and energy resources, and reduce vulnerability to natural hazards. Issues such as smart growth, sustainable transportation, sprawl watershed management, preservation, natural hazard mitigation and green design will be discussed, particularly those relating to the Chicago area. Planning tools such as GIS, economic analysis, environmental impact assessment. Some field trips possible.

GES-456. Seminar In U.S. Environmental Policy. 3 Hours.

Detailed exploration of environmental law and policy in the United States, including legal structures, processes, and constraints, notable successes and failures, role and influence of advocacy and interest groups, and major controversies relating to decentralization, market-based mechanisms, risk-based analysis, environmental justice, and others. Differences in state laws and performance will also be explored.

GES-457. Seminar: International Environmental Policy. 3 Hours.

Investigation of international efforts to address global environmental problems such as deforestation, climate change, ozone depletion, fisheries decline, toxic chemicals, etc., and analysis of their effectiveness. Explores regime theory, evolution of different international regimes and their weaknesses, obstacles to international cooperation, and the role of different actors as promoters of or obstacles to progress. The impact of globalization, North-South divisions, and the role of international organizations such as the United Nations and the World Bank are also examined.

GES-461. Independent Study In Geography And Environmental Studies. 3 Hours.

Independent research on a topic chosen in consultation with the instructor.

GES-461A. Independent Study In Geography And Environmental Studies. 3 Hours.

Independent research on a topic chosen in consultation with the instructor.

GES-462. Seminar In Environmental Education. 3 Hours.

In this course, students will explore, analyze, and critique advanced environmental education theories and practices. Students will gain an understanding of pedagogical tools and techniques related to a variety of ages, locations, and mechanisms of conservation education. Foundational knowledge will be combined with current research trends in the context of individualized projects.

GES-471. Seminar In Urban Geography. 3 Hours.

Intensive discussion, study and research on the most essential topics in urban geography; central place theory, urban renewal programs, population and economic development; field work.

GES-472. Seminar In Regional Geography: Third World Issues. 3 Hours.

Students will explore issues and challenges facing the poorer countries including economic development, resource exploitation, social inequity, and environmental degradation. Many of these problems are quite different from those of the developed world, and they also differ widely between regions of the Third World. Location and spatial arrangements will be explored in detail with current academic literature, from a variety of theoretical perspectives.

GES-483. Internship. 3 Hours.

Supervised field experience (160 work hours) with an agency related to the student's career interest. Prior course work and other experience is evaluated before approval is granted to enroll in the internship. A handout describing the design and reporting requirements is available.

GES-5901. Thesis Hours. 1 Hour.

Students conduct research and write a thesis to fulfill requirements for the Master of Arts degree. Credit for this course and 430 will not be permitted. See department policies.

GES-5902. Thesis Hours. 2 Hours.

See course description for GES-5901 (<http://catalog.neiu.edu/search/?P=GES-5901>).

GES-5903. Thesis Hours. 3 Hours.

See course description for GES-5901 (<http://catalog.neiu.edu/search/?P=GES-5901>).

German (GER)

Gifted Education (GIFT)

Courses

GIFT-450. Psychology Of Individuals Who Are Gifted And Talented. 3 Hours.

GIFT-452. Education Of Individuals Who Are Gifted And Talented. 3 Hours.

The course provides students with an opportunity to study and reflect on the theories, program models and strategies for teaching high-ability students. New theories of giftedness, research, identification, programming models, and legislation are continuing challenges for those professionals responsible for developing, implementing programs and services for the gifted and talented. At the completion of the experience of translating theory, research, and examples of current programming practices, the graduate student will be a reflective and responsive professional in the critical aspects of programming and services for high-achieving and high-ability students.

Prerequisite: GIFT-453 (<http://catalog.neiu.edu/search/?P=GIFT-453>) minimum grade of C.

GIFT-453. Seminar In Curriculum And Materials For The Gifted. 3 Hours.

Prerequisite: GIFT-450 (<http://catalog.neiu.edu/search/?P=GIFT-450>) minimum grade of C.

GIFT-454. Teaching Gifted Students In The Inclusive Classroom. 3 Hours.

GIFT-455. Bibliography and Methodology In Research In Gifted Education. 3 Hours.

Prerequisites: GIFT-450 (<http://catalog.neiu.edu/search/?P=GIFT-450>) minimum grade of C and GIFT-452 (<http://catalog.neiu.edu/search/?P=GIFT-452>) minimum grade of C.

GIFT-456. Parenting And Advocacy For Individuals Who Are Gifted And Talented. 3 Hours.

GIFT-457. Research Seminar For The Gifted. 3 Hours.

Prerequisites: GIFT-450 (<http://catalog.neiu.edu/search/?P=GIFT-450>) minimum grade of C and GIFT-452 (<http://catalog.neiu.edu/search/?P=GIFT-452>) minimum grade of C and GIFT-453 (<http://catalog.neiu.edu/search/?P=GIFT-453>) minimum grade of C.

GIFT-458. Meeting Gifted Students' Social-Emotional Needs. 3 Hours.

Prerequisite: GIFT-450 (<http://catalog.neiu.edu/search/?P=GIFT-450>) minimum grade of C.

GIFT-459. Field Demonstration In Gifted Education. 3 Hours.

Prerequisites: GIFT-450 (<http://catalog.neiu.edu/search/?P=GIFT-450>) minimum grade of C and GIFT-452 (<http://catalog.neiu.edu/search/?P=GIFT-452>) minimum grade of C and GIFT-453 (<http://catalog.neiu.edu/search/?P=GIFT-453>) minimum grade of C.

GIFT-462. Identifying And Providing For Underserved Gifted Students. 3 Hours.

This course provides in-depth understanding of the needs of a typical gifted/talented students, along with specific strategies that can be applied in identifying and providing educational services for gifted students who are commonly underrepresented and underserved in school today. Included are those in the following populations:

Economically disadvantaged
Creatively gifted
Underachievers
Visual-spatial learners
Those with other needs
Racially, culturally linguistically diverse
Low-incidence/ highly gifted
Gifted girls
Rural/ isolated gifted

The course will focus on recent videotaped interviews with leaders in the field of gifted education who are concerned with underserved gifted students.

Global Studies (GS)

Courses

GS-201. Introduction To Global Studies I. 3 Hours.

This course introduces students to the multiple dimensions and impact of globalization as it is reflected across disciplines. Accordingly, we explore globalization through specific themes and approaches, including those of: 1) Culture, Society, and Identity; 2) Language, Knowledge, and Representation; 3) Power, Movements, and Political Economy; 4) Nature, Technology, and the Body; 5) Violence, Resistance, and Resolution. In this way, the course generates a comparative understanding of the significant implications arising in the wake of an increasingly globalized world.

GS-205. Writing Intensive Program: Interdisciplinary Research And Writing. 3 Hours.

Interdisciplinary Research and Writing provides students with practical training in conducting research and writing effectively in an interdisciplinary field. Students will learn about the advantages and challenges of interdisciplinary scholarship through a series of stepped research and writing assignments, including literature searches and reviews, hands-on experimentation with field methods, and multiple formal and informal writing activities that guide students in creating rough drafts, conducting revisions, and producing polished work. The course serves students in all interdisciplinary fields.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

GS-399. Capstone Global Studies. 4 Hours.

In this course students will examine and conduct research on global phenomena. We will read and debate a range of approaches to the study of the global, addressing both methodological and theoretical issues. Students will conduct individual research projects, working through all the stages from proposal to completed paper. As the capstone course for the Global Studies Program, the primary course goal is to provide students with practical experience in linking reading and discussion of published sources in Global Studies to the tasks of researching, analyzing, and writing about their own areas of interest in the field.

Prerequisites: GS-201 (<http://catalog.neiu.edu/search/?P=GS-201>) minimum grade of C and GS-202 minimum grade of C.

Graduate College (GRAD)

Courses

GRAD-498. Thesis Research Or Major Project. 1 Hour.

Guidance of students conducting thesis research or a major project. Registration in this course is required every fall and spring for graduate students who are not currently registered for other credits, but who are working on theses or major projects. Registration is not required during summer sessions. The Course Schedule Maintenance for Thesis Research form must be submitted to the Graduate college by the end of the first week of classes.

Greek (GREK)

Health Education (HLED)

Courses

HLED-101. Cardiopulmonary Resuscitation And First Aid. 1 Hour.

American Red Cross standard course in first aid and CPR.

HLED-103. Community Health. 3 Hours.

This course is an introduction to community health, public health, and health education that includes health services, environmental health, behavioral health, public policy, healthcare systems, occupational health and other subfields. Students will explore the concepts of advocacy and health disparities on local and global levels in the context of historical and contemporary events. Students will locate and interpret valid health information, practice assessment skills, develop educational interventions for priority populations, act as a resource person, and advocate for the profession and health of others. This will be accomplished through course discussions, assignments, and presentations.

HLED-105. Preparation For Marriage. 2 Hours.

Analysis of factors in emotional, biological, social and spiritual maturity as they relate to the individual, marriage and the family.

HLED-107. Health For Effective Living. 2 Hours.

Consideration of concepts related to the physical, mental and social dimensions underlying personal health. Emphasis upon motivation for intelligent self-direction of health behavior based upon current scientific facts.

HLED-111. Cardiopulmonary Resuscitation. 1 Hour.

The course will provide the student with the necessary physical skills, as well as pertinent background information of how when and under what circumstances to perform cardiopulmonary resuscitation (CPR). Students who successfully complete this course receive American Health Association Certification.

HLED-199. Health & Wellness Of The Emerging Adolescent Student. 3 Hours.

Concentration of concepts related to the physical, mental, and social dimensions underlying personal health of educators and emerging adolescents. Emphasis on motivation for intelligent self-direction of health behavior based upon current scientific facts. Introduction of concepts related to the physical, mental and emotional dimensions underlying personal health and development of children, emerging adolescents and their teachers. Emphasis is on how these developmental issues impact students' classroom, social and learning behaviors.

HLED-202. Safety Education. 3 Hours.

Safety education in elementary and secondary schools. Sources of materials; coordination with agencies furthering safety within and outside the schools; practical application of safety education.

HLED-206. Standard First Aid Instructor. 2 Hours.

American Red Cross advanced course in first aid and opportunity for authorization as an instructor.

Prerequisite: HLED-101 (<http://catalog.neiu.edu/search/?P=HLED-101>) minimum grade of D.

HLED-212. Consumer Health. 3 Hours.

Prepares the student to make wise choices in the selection of health products and health services. Emphasis on proper utilization of the health care system and evaluation of products and services with regard to cost and impact on physical and mental health. Includes identification of reliable sources of health-related information, laws and agencies to protect the consumer.

HLED-303. Sex Education. 3 Hours.

This course will cover the neurobiology of learning and behavior, sexual anatomy, theories of love and attraction, biology of sexual response, pregnancy and childbirth, sexual expression throughout life, sexually transmitted diseases, and social, cultural, and religious influences on sexual attitudes and behaviors. Students will locate and interpret valid health information, practice assessment skills, develop educational interventions for priority populations, act as a resource person, and advocate for the profession and health of others. This will be accomplished through course discussions, assignments, and presentations.

HLED-305. Health Education For The Middle And High School. 3 Hours.

Subject matter selection and organization for teaching purposes; correlation potential of health instruction in school subjects, methods of presentation, educational principles in health. Emphasis upon the professional and legal responsibilities of the secondary teacher in the total school health program.

Prerequisites: HLED-303 (<http://catalog.neiu.edu/search/?P=HLED-303>) minimum grade of D and HLED-309 (<http://catalog.neiu.edu/search/?P=HLED-309>) minimum grade of D and HLED-345 (<http://catalog.neiu.edu/search/?P=HLED-345>) minimum grade of D and (SCED-301 (<http://catalog.neiu.edu/search/?P=SCED-301>) minimum grade of D or ELED-311 minimum grade of D or SCED-311 (<http://catalog.neiu.edu/search/?P=SCED-311>) minimum grade of D).

HLED-307. Human Diseases. 3 Hours.

Nature, prevention, control and treatment of communicable, chronic and degenerative diseases, the general principles of resistance and causality of disease; man's interaction with his environment and total pattern of living as the primary source of disease.

Prerequisite: PEMT-305 (<http://catalog.neiu.edu/search/?P=PEMT-305>) minimum grade of D.

HLED-309. Nutrition And Health. 3 Hours.

This course provides a foundation in nutrition through the examination of the link between research, theory, and practice. It also discusses the settings, audiences, and scope of nutrition education, as well as the determinants of behavior change, including knowledge, self-efficacy, motivation, social support, and cultural context. Using social ecological, reasoned action, life course, social cognitive, self-regulation, self-determination, and trans-theoretical approaches, learners develop procedures for planning community- or school-based educational activities, taking into account environmental support and audience-specific characteristics. They also create plans for implementing and evaluating nutrition programs.

HLED-312. Current Health Concepts. 3 Hours.

This course examines contemporary themes and approaches in health promotion and disease prevention. Using a multidisciplinary approach, students examine the underlying determinants of health related to socio-demographic vulnerabilities. They are also introduced to current public health practice and policy, and examine their connections to issues of social, economic, and political development and their impact on the environment.

HLED-314. Principles Of Epidemiology In Higher Education. 3 Hours.

Presents principles and practices related to the cause, prevention and control of disease. Emphasis is placed on understanding the occurrence and distribution of disease, incidence and prevalence rates and descriptive and analytic epidemiological studies. Additional emphasis is placed on the application of epidemiologic data to primary, secondary and tertiary prevention.

HLED-316. Health Disparities: Individual, Communities, And Systems. 3 Hours.

This course provides students with theoretical applications to conduct research and identify interventions to reduce health disparities. Content focuses on how health disparities are defined, their prevalence, why and among whom they exist, issues and methods of measurement, and approaches to addressing them including community-based participatory research. While racial/ethnic disparities in health and health care will be an important focus of the course, disparities among other subgroups will be included (e.g. gender, geographic, environmental, SES, social and behavioral risk factors). An inquiry-based learning project and conference proposal will integrate what is learned through lectures, in-class activities, guest speakers, and readings.

HLED-317. Age, Death, And Dying. 3 Hours.

This course will provide students with an interdisciplinary understanding of the human experiences of aging, death and dying, focusing primarily on psychosocial, mental health, behavioral, and ethical issues. Students will examine the way individuals, communities, and societies perceive and manage the elderly and the issues surrounding the end of life. The causes and effects of attitudes towards these subjects will be explored as well as how these perceptions relate to health behavior.

HLED-340. Health Behavior Theory And Practice. 3 Hours.

This course is an introduction to the fundamental theories in behavior. Because theory and practice are driven by research, the course will also introduce students to examples of health promotion research. Students will analyze constructs that explain or predict behavior including intrapersonal capacity, interpersonal supports, and environmental contexts. They also will apply individual and community-based theories to the design of a community health intervention.

Prerequisites: HLED-303 (<http://catalog.neiu.edu/search/?P=HLED-303>) minimum grade of D and HLED-309 (<http://catalog.neiu.edu/search/?P=HLED-309>) minimum grade of D and HLED-345 (<http://catalog.neiu.edu/search/?P=HLED-345>) minimum grade of D.

HLED-345. Drug Education. 3 Hours.

The course covers the CNS functions and the neurophysiology of learned behavior and drug addiction and the biological and social health consequences of drug use and abuse. Mechanisms of drug actions and their physiological and toxic/biochemical effects are emphasized and how these responses interact to affect the health of the individual and society. Prior undergraduate coursework in human biology, anatomy, and/or physiology is strongly recommended.

Prerequisite: PEMT-305 (<http://catalog.neiu.edu/search/?P=PEMT-305>) minimum grade of D.

HLED-350. Health Program Needs Assessment, Planning, And Implementation. 3 Hours.

This course is part one of a two-part course series in which students plan an evidence-based, community health program that addresses population needs. In this course, students will evaluate primary and secondary data to identify population needs and capacity for health programming. They will also develop the mission statement, goals, and objectives for a health program that addresses identified needs for a selected population. Finally, they will design a theory-driven health education intervention and impact evaluation. Ethical use of technology to support learning, reflection, communication, and collaboration is foundational to this course.

Prerequisites: HLED-308 minimum grade of C and PEMT-315 minimum grade of C.

HLED-355. The Organization And Administration Of The School Health Program. 3 Hours.

This course covers the components of a coordinated school health program, explores how those components contribute to a healthy school environment, and builds connections between the school environment and students' motivation and ability to learn. Learners will locate, evaluate, and create school health communications; plan, prepare to implement, and evaluate professional development that advocates for school health; design, implement, and evaluate a needs assessment; and practice the administration skills to form a school health council. Additional content includes the ethical use of technology to support learning, reflection, communication, and collaboration is foundational to this course.

Prerequisites: HLED-303 (<http://catalog.neiu.edu/search/?P=HLED-303>) minimum grade of C and HLED-309 (<http://catalog.neiu.edu/search/?P=HLED-309>) minimum grade of C and HLED-345 (<http://catalog.neiu.edu/search/?P=HLED-345>) minimum grade of C.

HLED-360. Health Program Administration, Marketing, And Evaluation. 3 Hours.

This course is part two of a two-part course series in which students plan an evidence-based community health program that addresses population needs through evidence-based interventions. In this course, students develop skills to manage a health program via fiscal, capital, and human resource planning. This includes identifying stakeholders and community partners. Also, students design a marketing plan and intervention to promote their program and advocate for a target audience. Additionally, they practice program evaluation and research design. Finally, students prepare a professional development plan. Use of technology to support learning, reflection, communication, and collaboration is foundational to the course.

Prerequisite: HLED-350 (<http://catalog.neiu.edu/search/?P=HLED-350>) minimum grade of C.

HLED-370. Field Experience: Community Health. 9 Hours.

The 200-hour community health field experience affords students the opportunity to integrate concepts and skills, learned in the curriculum, while immersed in a community and public health setting. A weekly seminar provides interns a forum to debrief field experiences, learn about the profession, and prepare for a job search. Completion of performance-based assessments aligned with the CHES (Community Health Education Specialist) competencies support the development of a professional portfolio. Guided activities support those seeking to sit for the CHES exam.

Prerequisite: HLED-360 (<http://catalog.neiu.edu/search/?P=HLED-360>) minimum grade of C.

HLED-375. Health Education Clinical Experience. 3 Hours.

This course provides the seminar component for the Health Education Clinical Observation. Students meet weekly to share and debrief their field experiences, collectively solve instructional and classroom management problems, revisit research and theory regarding addressing the needs of a diverse learning audience, and learn about the health education profession. Observation, reflection, teaching, and assessment are critical activities in this course.

History (HIST)

Courses

HIST-109. First Year Experience: History Of Chicago. 3 Hours.

Chicago is the most "American" of the major cities and has been at the forefront of change. In 50 years Chicago transformed from a fur-trading crossroads to a major industrial center, and that speed made it a city of stark contrasts. Enormous tensions emerged between the entrepreneurial forces that built the city and the countervailing social forces that strived to humanize it. A stream of immigrants played an integral role in shaping the city, contributing to economic and cultural development. Chicagoans faced huge challenges and as a result became pioneers of the economic, social, and political trends that shaped modern America.

HIST-111A. World History: The Origins Of The West, To 1500. 3 Hours.

Survey of the formation of Western Civilization from its ancient Mediterranean origins until the European Renaissance.

HIST-111B. World History: The West And The World, 1500-Present. 3 Hours.

Survey of Western Civilization from the Renaissance to the present age of expanded European influence.

HIST-111C. World History: East Asia. 3 Hours.

Survey of the history and culture of East Asia, with emphasis on China and Japan from antiquity to the present.

HIST-111D. World History: Latin America. 3 Hours.

Survey of the history and culture of Latin America, with emphasis on the last 500 years.

HIST-111E. World History: Africa. 3 Hours.

Survey of the history and culture of Africa with emphasis on the relations between Africa and the wider world.

HIST-111F. World History: Islam. 3 Hours.

Survey of the role of Muslims in World History, with emphasis on the diversity of their religious, social, cultural and economic lives and their change over time.

HIST-214. United States History 1607-1877. 3 Hours.

Social, political, intellectual, diplomatic and economic development of the American colonies and the United States from the beginnings through 1877.

HIST-215. United States History 1877-Present. 3 Hours.

Social, political, intellectual, diplomatic and economic development of the United States from 1877 to present.

HIST-275. Writing Intensive Program: Writing And Methods For Majors. 3 Hours.

The purpose of this course is to introduce History majors to the methods and writing skills necessary to succeed in their chosen discipline. The writing assignments in the course are intended to help students develop skills in analyzing sources, evaluating books, and producing historiographical essays that will benefit students in the other courses they take for the major, and beyond. Instructors will choose content on a historical theme that highlights how historians interpret the past from diverse perspectives that change over time.

Requirement: one course in History

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

HIST-300A. Ancient Greece. 3 Hours.

Social, political and intellectual history of Greece, from the age of Homer through the Peloponnesian War. Readings include selections from poetry, drama, history and philosophy of the period. Two courses in history or consent of instructor.

HIST-300B. Ancient Rome. 3 Hours.

The history of Rome from prehistoric cultures to the end of the Roman Empire. Two courses in history or consent of instructor.

HIST-301. Medieval Europe. 3 Hours.

Major themes of the Middle Ages in Europe with emphasis on Western Europe. Two courses in history or consent of instructor.

HIST-302A. Age Of Renaissance. 3 Hours.

The political and cultural history of Italy and Northern Europe from 1300-1600. Two courses in history or consent of instructor.

HIST-302B. Age Of Reformation. 3 Hours.

The religious crisis within Roman Catholicism and the genesis and growth of the Protestant movement. Two courses in history or consent of instructor.

HIST-303. Europe During The Ancien Regime 17th And 18th Centuries. 3 Hours.

The political, economic, social and intellectual development of Europe in the seventeenth and eighteenth centuries. Two courses in history or consent of instructor.

HIST-304. Europe In The Age Of Revolution 1789-1871. 3 Hours.

The historical forces in European society from the French Revolution to the completion of the unification processes. Two courses in history or consent of instructor.

HIST-305. Europe In The Age Of Imperialism 1871-1919. 3 Hours.

The historical forces in European society during the period of great territorial expansion and rivalry culminating in the First World War. Two courses in history or consent of instructor.

HIST-306. Europe In The Age Of Ferment 1919-Present. 3 Hours.

European history in the time of recurrent warfare, dislocation, authoritarianism and reappraisal. Two courses in history or consent of instructor.

HIST-307A. The Age Of The Baroque. 3 Hours.

An examination of the intellectual and cultural history of seventeenth-century Europe, with special emphasis on scientific, philosophical, political and religious thought. Two courses in history or consent of instructor.

HIST-307B. The Age Of The Enlightenment. 3 Hours.

An examination of the intellectual and cultural history of eighteenth-century Europe, with special emphasis on religious, political and philosophical thought. Two courses in history or consent of instructor.

HIST-311A. History Of England To 1688. 3 Hours.

Survey of English history to the revolution of 1688; emphasis on significant themes, such as the evolution of monarchy and parliament, medieval society, the Elizabethan world and constitutional crisis in Stuart England. Two courses in history or consent of instructor.

HIST-311B. History Of England 1688-Present. 3 Hours.

The political, economic and cultural forces that shaped Great Britain. Emphasis on the class structure, the transition to an industrial society, Georgian and Victorian culture, contemporary Britain. Two courses in history or consent of instructor.

HIST-312. Tudor England. 3 Hours.

Major political, social, intellectual and economic trends in sixteenth century England. Two courses in history or consent of instructor.

HIST-313A. History Of Prussia-Germany 1640-1918. 3 Hours.

Study of the evolution of Prussia in the seventeenth and eighteenth centuries with emphasis upon her role in the political and social institutions of Germany, Europe and the world through 1918. Two courses in history or consent of instructor.

HIST-313B. Twentieth Century Germany. 3 Hours.

Study of the problems faced by twentieth century Germany, including the demise of the Weimar Republic and the political and social origins of the Nazi Movement, and the situation of post-war Germany. Two courses in history or consent of instructor.

HIST-314A. Russian History From The Varangians To 1855. 3 Hours.

The Russian people, state and culture from their origins to the death of Nicholas I. Two courses in history or consent of instructor.

HIST-314B. Russian And Soviet History 1855 To Present. 3 Hours.

The political, diplomatic, intellectual and social development of the peoples of the Russian Empire and the Soviet Union from the accession of Alexander II to the present. Two courses in history or consent of instructor.

HIST-315. Women In Medieval Society. 3 Hours.

Survey of the status of women in medieval Europe beginning with the settlement of the barbarians and ending with the high middle ages. Two courses in history or consent of instructor.

HIST-317. French Revolution, World Revolutions 1789-Present. 3 Hours.

Survey of the French Revolution (1789-1795), with the special emphasis on the political and social principles of the Old Regime and the tension between established order and political discontent. Two courses in history or consent of instructor.

HIST-320. Colonial History Of The United States 1607-1775. 3 Hours.

The nature of colonial government, town life, literature, as well as a comparison of the development of major colonies; key personalities of the period, such as Benjamin Franklin, Cotton Mather, Jonathan Edwards and Thomas Jefferson are studied in detail; designed for American history majors. Two courses in history or consent of instructor.

HIST-321. The American Revolution 1763-1789. 3 Hours.

Intensive study of the events leading to American Independence; social and political changes accompanying independence; America under the Articles of Confederation; the writing and adoption of the Constitution. Two courses in history or consent of instructor.

HIST-322. The National Period 1789-1824. 3 Hours.

Study of the formative years of the American Republic from the promulgation of the Constitution in 1789 to the end of the so-called "era of good feelings" in 1824. Two courses in history or consent of instructor.

HIST-323. Jacksonian Era And Sectional Crisis 1824-1860. 3 Hours.

Various political, economic, social and intellectual developments involved in the rise of Jacksonian Democracy; the growth of democracy at the state and national levels, the new conception of the presidency, economic growth; nationalism, sectionalism and the socioeconomic factors leading to the breakdown of constitutional government and the beginning of the Civil War. Two courses in history or consent of instructor.

HIST-324. The Civil War And Reconstruction 1860-1877. 3 Hours.

The inevitability of the U.S. Civil War (1861-1865); the inevitability of the war's outcome; and the terms on which the Confederacy's eleven states, and what was left of the United States, reunited, will all be explored. The end of slavery, and the Reconstruction-era beginnings of black civil rights, are additional important topics. Two courses in history or consent of instructor.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

HIST-325. Industrial And Progressive America 1877-1929. 3 Hours.

Study of the formative years of modern America from the conclusion of reconstruction, through the Progressive Era and the administration of Herbert Hoover with emphasis on those ideas, institutions and factors which help explain the growth of present urban and industrial America. Two courses in history or consent of instructor.

HIST-326. The Era Of Franklin D Roosevelt 1929-1945. 3 Hours.

In-depth study of the causes and consequences of the Great Depression, the New Deal response to the crisis, and the road to and involvement in World War II, with special emphasis on the leadership of Franklin D. Roosevelt. Two courses in history or consent of instructor.

HIST-327. The United States In The Age Of Crisis 1945 - Present. 3 Hours.

General survey of the political, diplomatic, economic and social forces which have developed in the U.S. since 1945 with particular emphasis on the crisis in domestic America. Two courses in history or consent of instructor.

HIST-329A. African American History To 1865. 3 Hours.

Thematic survey of the history of Black Americans from the era of slavery to the conclusion of the Civil War with emphasis on racial ideologies, the experiences of both slaves and free people of color, and the abolitionist crusade. Two courses in history or consent of instructor.

HIST-329B. African American History And Race Relations Since 1865. 3 Hours.

Thematic survey of the history of Black Americans from the end of the Civil War to the present day with an emphasis on such topics as Reconstruction, African American thought and experience during the era of segregation, the great Migration and Cultural Renaissance of the 20's and the modern Civil Rights Movement. Two courses in history or consent of instructor.

HIST-330A. U.S. Social History 1607-1865. 3 Hours.

Introduction to the problems of social history, especially social structure, cohesion, conflict and attitudes applied to the development of American sectional societies from the founding of the colonies to the end of the Civil War with special attention to the variety of forms of social organization and the growth of diversity in American culture. Two courses in history or consent of instructor.

HIST-330B. U.S. Social History 1865-Present. 3 Hours.

The social dimensions of nationalization and industrialization, with special emphasis on the decline of geographically defined communities, the rise of communities of interest, rationalization of social structures, and the process of alienation. Two courses in history or consent of instructor.

HIST-331A. Cultural And Intellectual History Of The United States 1607-1865. 3 Hours.

Introduction to the major ideological systems in the colonial and national periods: political and religious philosophy, as well as key individual thinkers. Two courses in history or consent of instructor.

HIST-331B. Cultural And Intellectual History Of The United States 1865 To Present. 3 Hours.

The modern period in intellectual history including social Darwinism, pragmatism and liberalism. Two courses in history or consent of instructor.

HIST-332B. United States Foreign Relations 1914 - Present. 3 Hours.

The United States as a world power, the aftermath of World War I, new relationships with Latin American, Asia and Europe; the United States and the Long Armistice; American involvement in World War II, and the Cold War. Two courses in history or consent of instructor.

HIST-333. American Ethnic History. 3 Hours.

The role of ethnicity in the development of American history, with special emphasis on the era of industrialization and urbanization including all major ethnic and racial groups, Blacks, American Indians, Hispanics and western and eastern Europeans with attention to the social and cultural experience of slavery, immigration, alienation, social mobility, acculturation and assimilation, politics and discrimination. Two courses in history or consent of instructor.

HIST-334. History Of American Sports. 3 Hours.

The rise of organized sports from its simple pre-modern origins to its present complex state; the evolution of major amateur and professional sports in relation to prevailing historical developments, emphasizing the impact of industrial capitalism and urbanization with attention to the role of ethnic and racial groups, social classes, gambling, gender, politics, international relations and social mobility. Two courses in history or consent of instructor.

HIST-335. History Of Crime And Violence In America. 3 Hours.

Survey of the historic patterns of crime and violence and the evolution of the criminal justice system in the United States from the colonial era to the present day. Two courses in history or consent of instructor.

HIST-337. History Of The South 1877 To The Present. 3 Hours.

Intensive study of the politics of the South after Reconstruction; the emergence of the industrial South; the Black's place in this new situation, and the rise of segregation at the turn of the century with particular attention to the problem of the Black American and the value system of the South in light of civil rights consideration. Two courses in history or consent of instructor.

HIST-338. Women In American History. 3 Hours.

Survey, from colonial times to the present, of the role of woman in America including women's reform movements. Two courses in history or consent of instructor.

HIST-340. History Of U.S. Economic Institutions. 3 Hours.

Historical changes from regional markets to national and multinational markets and responses in business institutions, land policies and agriculture; organizations for trade and commerce and for workers; impact of pacesetting industries. Two courses in history or consent of instructor.

HIST-341. Issues In 20th Century Business History. 3 Hours.

Topics in the history of organizational changes in the workplace and the corporation; the relationship between government and business; the non-profit sector and philanthropy; the business of mass media. Two courses in history or consent of instructor.

HIST-342. The City In American History. 3 Hours.

General survey of urban America with emphasis on various topics such as the changing function and character of cities, immigration, reform, and urban planning. Two courses in history or consent of instructor.

HIST-345. Mexican American History. 3 Hours.

An introduction to major themes in the history of Mexicans in America from the colonial era to the present, including discussions of the social, political, and economic conditions Mexicans and Mexican Americans have confronted; examinations of how these conditions differ over time and between regions; and explorations of important issues in contemporary Mexican American history. Surveys a variety of primary and secondary sources from different mediums to offer a better understanding of Mexican-origin populations as immigrants to the United States, internal migrants within the U.S., and settled residents and citizens throughout the nation.

Prerequisites: HIST-111A (<http://catalog.neiu.edu/search/?P=HIST-111A>) minimum grade of D and HIST-111B (<http://catalog.neiu.edu/search/?P=HIST-111B>) minimum grade of D and HIST-214 (<http://catalog.neiu.edu/search/?P=HIST-214>) minimum grade of D and HIST-215 (<http://catalog.neiu.edu/search/?P=HIST-215>) minimum grade of D.

HIST-350. History Of Brazil. 3 Hours.

Survey of the history of Brazil; pre-Columbian roots in the Western Hemisphere, Western Europe's influence, and the present with emphasis on political and economic developments in the last two centuries. Two courses in history or consent of instructor.

HIST-351. Central America And The Caribbean. 3 Hours.

History of Central America and of the major islands of the Caribbean, emphasizing the period since independence and the relation with the United States. Two courses in history or consent of instructor.

HIST-353. History Of Mexico. 3 Hours.

Early Indian civilization; colonial and national periods with emphasis on race relations, the class structure, the church, latifundia, intellectual life, the revolution and the impact of industrialization in the twentieth century. Two courses in history or consent of instructor.

HIST-354. Contemporary Latin America. 3 Hours.

A survey of twentieth century political events and socio-economic factors that have shaped Latin America, beginning with the U.S. intervention in the Spanish-American War to the Age of Privatization. Two courses in history or consent of instructor.

HIST-360. History Of Pre-Modern China. 3 Hours.

Introduction to the civilizations of China; philosophy, political history, religion, literature, art and material culture with emphasis on both the specific data and broad interpretations of Chinese history. Two courses in history or consent of instructor.

HIST-361. Modern Chinese History. 3 Hours.

Modern Chinese history; institutional and intellectual changes and developments brought about in China by modernization, rebellion, revolution and war. Two courses in history or consent of instructor.

HIST-362. History Of Japan To 1850. 3 Hours.

The development of Japan from its prehistory until the mid-nineteenth century emphasizing the data of Japanese history and the major paradigmatic approaches to its study. Two courses in history or consent of instructor.

HIST-363. History Of Japan Since 1850. 3 Hours.

History of Japan from the mid-nineteenth century, including Japan's opening to the West; the Meiji Restoration, industrialization, constitutional government, imperialism, World War II, the American Occupation and postwar economic, political and cultural developments. Two courses in history or consent of instructor.

HIST-370. Precolonial Sub-Saharan Africa. 3 Hours.

Historical survey of Sub-Saharan Africa until the early nineteenth century with emphasis on such topics as state formation and traditional African politics, the historical significance of African culture, the influence of Christianity and Islam, the slave trade and other consequences of contact with Europe. Two courses in history or consent of instructor.

HIST-371. Nineteenth And Twentieth Century Africa. 3 Hours.

Critical issues in the history of sub-Saharan Africa during the nineteenth and twentieth centuries such as the historical significance of African culture, the structure and function of traditional political institutions, European imperialism, the administration of colonial rule and consequent socioeconomic change, the impact of the world wars, the growth of African nationalist movements and the achievement of independence. Two courses in history or consent of instructor.

HIST-372. History Of Southern Africa, 1800-Present. 3 Hours.

This course covers the major themes in the history of Southern Africa in the last 200 years. The primary focus is on the lives of Africans and how people shaped their world, especially under the strains of colonialism and apartheid, and in their struggle for independence. Although the country of South Africa will occupy a significant place in the course, important processes like industrialization affected the entire region, and surrounding colonies and countries also will be studied. Two courses in history or consent of instructor.

HIST-373. Women & Gender In African History. 3 Hours.

This course examines the related issues of women and gender in Africa, primarily in the last 200 years. Among the major topics it covers are women's experience in agricultural societies and in urban areas, and their roles as traders, laborers, and political leaders. It will also explore differences among women in Africa, for example in social standing, religion, and ethnicity. Two courses in history or consent of instructor.

HIST-380. History Of Christianity. 3 Hours.

Analytical survey of the institutional, social and cultural origins of Christianity and the development of that religion from the ancient world to the present with attention to the dynamics of the relationships between Christianity and the various cultures in which it has been housed. Two courses in history or consent of instructor.

HIST-381. History Of The Second World War. 3 Hours.

Intensive study of the Second World War, in its global aspects and implication, including post-war developments and the cold war. Two courses in history or consent of instructor.

HIST-382. The World In The Twentieth Century. 3 Hours.

Contemporary world developments, including the causes and consequences of the two world wars, their impact on the non-European world, the rise of World Communism, the break up of the colonial empires, etc. Two courses in history or consent of instructor.

HIST-391. Contemporary Historical Problems. 3 Hours.

Exploration and analysis of important current political, economic, social and cultural issues. Consult the schedule of Classes for specific topics. Two courses in history or consent of instructor.

HIST-392. Problems In History. 3 Hours.

Exploration and analysis of topics in history; relevant sources and scholarly research. Consult the Schedule of Classes for specific topics. Two courses in history or consent of instructor.

HIST-393. Pro-Seminar In History. 3 Hours.

Intensive reading and discussion. Students will be assigned weekly readings, prepare papers and discuss some major aspect of history. Two courses in history or consent of instructor.

HIST-394. Historical Tour. 6 Hours.

Study of the history of a given region or country in conjunction with an on-the-spot investigation of historical and cultural sites and landmarks. Two courses in history or consent of instructor.

HIST-395A. Independent Study In History. 3 Hours.

Intensive study in selected subject and periods of history. Independent Studies require the approval of the instructor, department chair and the College Dean. Two courses in history or consent of instructor.

HIST-395B. Independent Study In History. 2 Hours.

(See HIST-395A (<http://catalog.neiu.edu/search/?P=HIST-395A>) for description.) Independent Studies require the approval of the instructor, department chair and the College Dean. Two courses in history or consent of instructor.

HIST-395C. Independent Study In History. 1 Hour.

(See HIST-395A (<http://catalog.neiu.edu/search/?P=HIST-395A>) for description.) Independent Studies require the approval of the instructor, department chair and the College Dean. Two courses in history or consent of instructor.

HIST-396. Internship I. 3 Hours.

Situates student interns in workplace positions- museums, research organizations, publishers, advertising agencies, government offices, business corporations, etc. - where historical background, analysis and methodology may be put to practical use. Helps students to improve research skills as well as explore career possibilities. Class consists of at least 8 hours per week at the workplace, in addition to periodic meetings with faculty and other students. Independent Studies require the approval of the instructor, department chair and College Dean.

HIST-401. Historiography And Historical Method. 3 Hours.

Historical understanding; philosophies of history and methods of historical research.

HIST-410. Readings In Medieval History. 3 Hours.

Intensive reading and discussion on a selected topic in Medieval history, such as the Medieval family, church and state, economic organization, the growth of universities, peasant society or feudal society. Consult the Schedule of Classes for the specific topic.

HIST-411. Readings In Early Modern Europe. 3 Hours.

Intensive readings and discussions of aspects of European history during the early modern period.

HIST-412. Readings In English History To 1688. 3 Hours.

Topics in British history until the Glorious Revolution. Consult the Schedule of Classes for specific hours.

HIST-414. Readings In Modern English History. 3 Hours.

Intensive readings and discussion on aspects of the history of Modern England. Consult the Schedule of Classes for specific topics.

HIST-415. Readings In 19th Century Europe. 3 Hours.

Intensive readings and discussion on aspects on nineteenth century European history. Consult the Schedule of Classes for specific topics.

HIST-416. Readings In 20th Century Europe. 3 Hours.

Intensive readings and discussion on aspects of twentieth century European history. Consult the Schedule of Classes for specific topics.

HIST-417. Readings In The History Of Weimar And Nazi Germany. 3 Hours.

Intensive readings and discussion on aspects of Weimar and Nazi Germany.

HIST-420. Seminar In Early Modern Europe. 3 Hours.

Research on various topics in the history of early Modern Europe. A paper based on primary sources is required.

HIST-421. Seminar In English History. 3 Hours.

HIST-422. Seminar In 19th Century Europe. 3 Hours.

Research on various topics in English history. A paper based on primary sources is required.

HIST-423. Seminar In Modern European Society. 3 Hours.

Research on various topics in the modern history of Europe. A paper based on primary sources is required.

Prerequisite: HIST-401 (<http://catalog.neiu.edu/search/?P=HIST-401>) minimum grade of C.

HIST-424. Seminar In Impact Of War/Revolution In Europe. 3 Hours.

Research on various topics related to war, revolution and their consequences for European history. A paper based on primary sources is required.

HIST-430. Readings In Colonial America. 3 Hours.

Intensive readings and discussion on aspects of Colonial American history.

HIST-431. Readings In The American Revolution. 3 Hours.

Intensive readings and discussion on aspects of the American Revolution.

HIST-432. Readings In Early National America. 3 Hours.

Intensive readings and discussion on aspects of the Early National Period.

HIST-433. Readings In 19th Century America. 3 Hours.

Intensive readings and discussion on aspects of nineteenth century American history.

HIST-434. Readings In 20th Century America. 3 Hours.

Intensive readings and discussion on aspects of twentieth century America. Consult the Schedule of Classes for specific topics.

HIST-435. Readings In Cultural And Intellectual U.S. History. 3 Hours.

Intensive readings and discussion on aspects of American cultural and intellectual history. Consult the Schedule of Classes for specific topics.

HIST-436. Readings In Women's History Of The United States. 3 Hours.

Intensive readings and discussions of American Women's history. Consult the Schedule of Classes for specific topics.

HIST-437. Readings In Afro-American History. 3 Hours.

Intensive readings and discussion on aspects of Afro-American history. Consult the Schedule of Classes for specific topics.

HIST-439. Readings In American Social History. 3 Hours.

Intensive readings and discussion on aspects of American social history. Consult the Schedule of Classes for specific topics.

HIST-440. Seminar In Colonial America. 3 Hours.

Research on various topics in Colonial American history. A paper based on primary sources is required.

HIST-441. Seminar In The American Revolution. 3 Hours.

Research on various topics in the American Revolution. A paper based on primary sources is required.

HIST-442. Seminar In Early National America. 3 Hours.

Research on various topics in the Early National Period. A paper based on primary sources is required.

Prerequisite: HIST-401 (<http://catalog.neiu.edu/search/?P=HIST-401>) minimum grade of C.

HIST-443. Seminar In 19th Century America. 3 Hours.

Research on various topics in nineteenth century America. A paper based on primary sources is required.

HIST-444. Seminar In 20th Century America. 3 Hours.

Research on various topics in twentieth century America. A paper based on primary sources is required.

Prerequisite: HIST-401 (<http://catalog.neiu.edu/search/?P=HIST-401>) minimum grade of C.

HIST-445. Seminar In Cultural And Intellectual U.S. History. 3 Hours.

Research on various topics in American cultural and intellectual history. A paper based on primary sources is required.

HIST-446. Seminar In Women's History Of The U.S.. 3 Hours.

Research on various topics in the history of American women. A paper based on primary sources is required.

HIST-447. Seminar In Afro-American History. 3 Hours.

Research on various in Afro-American history. A paper based on primary sources is required.

HIST-449. Seminar In American Social History. 3 Hours.

Research on various topics in American social history. A paper based on primary sources is required.

HIST-450. Readings In Colonial Latin America. 3 Hours.

Intensive readings and discussion on aspects of colonial Latin America to 1825.

HIST-451. Readings In Modern Latin American History. 3 Hours.

Intensive readings and discussion on aspects of Modern Latin America, since 1825.

HIST-452. Seminar In Latin American History. 3 Hours.

Research on various topics in the history of Latin America. A paper based on primary sources is required.

HIST-453. Seminar In The History Of Mexico. 3 Hours.

Research on various topics in the history of Mexico. A paper based on primary sources is required.

HIST-460. Readings In Modern Japanese History. 3 Hours.

Intensive readings and discussion on the development of the modern Japanese state and society since the nineteenth century.

HIST-461. Readings In Classical Chinese History. 3 Hours.

Intensive readings and discussion Chinese history from the Archaic Shang period (c. 1200 B.C.) through the seventeenth century.

HIST-463. Readings In Modern Chinese Social History. 3 Hours.

Intensive readings and discussion on various aspects of modern Chinese history from the nineteenth century to the present.

HIST-470. Graduate Readings In African History. 3 Hours.

This course is designed to provide the graduate students in history an introduction to the field of African history. Students will explore issues of sources and approaches which make African history distinct from other fields. Students will trace the development of African History in the last few decades, examine some of the major subjects and study the most recent works to see where the field is headed.

HIST-471. Seminar In African History. 3 Hours.

Prerequisites: HIST-401 (<http://catalog.neiu.edu/search/?P=HIST-401>) minimum grade of C and HIST-470 (<http://catalog.neiu.edu/search/?P=HIST-470>) minimum grade of C.

HIST-480. Readings In History. 3 Hours.

Exploration and analysis of topics in history. Consult the Schedule of Classes for specific topics.

HIST-480A. Readings In History: Race, Ethnicity & Nationalism. 3 Hours.

Exploration and analysis of topics in history. Consult the Schedule of Classes for specific topics.

HIST-490. Independent Graduate Study In History. 3 Hours.

Intensive and guided study in selected subjects and periods of history. Independent Studies require the approval of the instructor, department chair and the appropriate College Dean.

HIST-496. Internship. 3 Hours.

Situates student interns in workplace positions- museums, research organizations, publishers, advertising agencies, government offices, business corporations, etc. - where historical background, analysis, and methodology may be put to practical use. Helps students to improve research skills as well as explore career possibilities. Class consists of at least 15 hours per week at the workplace, in addition to periodic meetings with faculty and other students. Independent Studies require the approval of the instructor, department chair, and appropriate College Dean.

HIST-5901. Thesis Hours. 1 Hour.

Guidance of students conducting research and writing a thesis to fulfill requirements for the Master of arts degree in History. Independent Studies require the approval of the instructor, department chair and the appropriate College Dean.

HIST-5902. Thesis Hours. 2 Hours.

See course description for HIST-5901 (<http://catalog.neiu.edu/search/?P=HIST-5901>).

HIST-5903. Thesis Hours. 3 Hours.

See course description for HIST-5901 (<http://catalog.neiu.edu/search/?P=HIST-5901>).

Honors:Accting BLaw & Finance (ZABF)

Honors:Art (ZART)

Honors: Biology (ZBIO)

Honors:Communication (ZCOM)

Honors (HNRS)

ZHON-191. Honors Introduction To The Arts. 3 Hours.

This course provides a stimulating introduction to the performing and fine arts. The course is structured around four modules covering the performing and fine arts offered at NEIU: visual arts, music, dance, and theater. The modules, while complete in themselves, will draw connections between the fine arts and explore the differences that make each of the fine arts unique. This course counts for General Education credit in the Fine Arts area.

ZHON-192. Introduction To The Humanities. 3 Hours.

This lively introduction to the humanities at NEIU and to humanistic discourse in general is a discussion-oriented core course in the Honors Program. It is structured around a series of thought-provoking questions that will allow for the investigation of multiple methods of inquiry employed in the humanities. Various topics will be explored from the perspectives of English, Foreign Languages and Literatures, Linguistics, Philosophy, Communication and Women's Studies. Students will learn essential academic skills while exploring how these disciplines are both distinctive and in conversation with one another, sharing concerns common to the humanities in general. This course count for General Education credit in the Humanities area.

ZHON-193. Honors Introduction To The Social Sciences. 3 Hours.

This spirited introduction to the social sciences at NEIU, and to the behavioral and social sciences in general, is a discussion-oriented core course in the Honors Program. It is structured around a series of thought-provoking readings and inter-related topics that will investigate multiple methods of inquiry employed in the social sciences. These themes and approaches will be explored from the perspectives of Anthropology, Economics, Geography, History, Justice Studies, Political Science, Psychology, and Sociology. Students will learn essential academic skills while gaining insight into how various disciplines connect with one another and inform various dimensions of interpersonal life. This course counts for General Education credit in the Social/ Behavioral Sciences area.

ZHON-194. Honors Introduction To The Sciences. 3 Hours.

This course provides a stimulating introduction to a set of topics that are at the forefront of research in the natural sciences. The course is structured around a series of modules each covering a topic that is among the most significant in the fields of Biology, Chemistry, Earth Science, and Physics. The modules, while complete in themselves, will draw connections between scientific disciplines, and will explore how advance in one field have facilitated breakthroughs in other fields of science. The integration of computation into the course provides a strong link to the disciplines of Mathematics and Computer Science as well. This course counts for General Education credit in the Natural Sciences.

ZHON-360. Honors Seminar In Research & Creative Processes. 3 Hours.

How do scientists test a hypothesis? What approach directs a jazz pianist's creative process? What form does analysis take in English or Educational Leadership or Archaeology? This practice-oriented seminar explores how research is conducted in a variety of academic areas. Students will examine methodologies and gain experience synthesizing literature and analyzing findings as they build the components of an Honors Thesis/Creative Activities Proposal. Faculty guests will offer perspectives on their own research/creative processes. Discussions and class assignments will lead students progressively toward developing a polished proposal in their own major field of study. Course themes will vary.

ZHON-375. Honors Colloquium: World Perspectives. 3 Hours.

Specialized and intensive investigation of topics in broadly defined areas of current interest: reading, discussions, guest lectures.

ZHON-395. Honors Thesis/ Creative Project. 3 Hours.

The Honors Thesis or Creative Project represents the culmination of your participation in the Honors Program. After completing an approved proposal, Honors Scholars register for ZHON-395 with their thesis/creative project faculty advisor and work one-on-one with him/her to conduct and complete the thesis/ creative project. Honors Scholar and faculty advisor continue to participate in regular meetings with others going through same process. ZHON-395 students strongly encouraged to present their work at the NEIU Student Research and Creative Activities Symposium or similar venue.

Prerequisite: ZHON-360 minimum grade of C.

ZHON-3951. Honors Thesis/ Creative Project Hours. 1 Hour.

The NEIU Honors Program supports department-specific thesis options. Honors Scholars may conduct their Honors thesis/ creative project through departmental credit hours or by enrolling in ZHON-395. If the departmental thesis/creative project credits add up to less than 3, the student may use ZHON-3951-3 credits to bring the total number of Honors thesis/ creative project credits up to 3. See thesis advisor to determine if department has its own credit hours for senior thesis or creative project.

ZHON-3952. Honors Thesis/ Creative Project Hours. 2 Hours.

The NEIU Honors Program supports department-specific thesis options. Honors Scholars may conduct their Honors thesis/ creative project through departmental credit hours or by enrolling in ZHON-395. If the departmental thesis/creative project credits add up to less than 3, the student may use ZHON-3951-3 credits to bring the total number of Honors thesis/ creative project credits up to 3. See thesis advisor to determine if department has its own credit hours for senior thesis or creative project.

ZHON-3953. Honors Thesis/ Creative Project Hours. 3 Hours.

The NEIU Honors Program supports department-specific thesis options. Honors Scholars may conduct their Honors thesis/ creative project through departmental credit hours or by enrolling in ZHON-395. If the departmental thesis/creative project credits add up to less than 3, the student may use ZHON-3951-3 credits to bring the total number of Honors thesis/ creative project credits up to 3. See thesis advisor to determine if department has its own credit hours for senior thesis or creative project.

Courses

HNRS-397. Honors Colloquium. 3 Hours.

HNRS-398. Honors Seminar. 3 Hours.

HNRS-399. Honors Thesis/Project. 3 Hours.

Human Resource Development (HRD)

Courses

HRD-202. Career And Life Planning I. 3 Hours.

Designed to help students develop a greater understanding of themselves and to identify a satisfying career field that matches their talents and abilities. Students will identify their values, analyze their skills, discover their likes and dislikes and focus on their interests as they relate to possible career choices. A long range plan will be developed and a supportive resume describing capabilities and experience will be prepared.

HRD-300. Principles And Practices In Human Resource Development. 3 Hours.

Course enables students to explore their aptitudes and interests in relation to the roles of educators in non-school settings and to familiarize themselves with the overall purposes of organizations and the role of educators within such organizations.

HRD-301. Adult Teaching/Learning Process. 3 Hours.

Students study the principles of adult learning and instruction and the range and types of desired educational outcomes related to the characteristics of adult learners. Required: HRD-300 (<http://catalog.neiu.edu/search/?P=HRD-300>) or can be taken at the same time as HRD-300 (<http://catalog.neiu.edu/search/?P=HRD-300>); Completion of a Minimum of 45 College-Level Semester Hours.

Prerequisite: HRD-300 (<http://catalog.neiu.edu/search/?P=HRD-300>) minimum grade of C.

HRD-310. Instructional Techniques And Technology. 3 Hours.

Students apply a systematic approach to the development of instructional materials using the principles of instructional design. Topics covered include needs assessment, task analysis, objective preparation, design documents, material development, and evaluation.

Prerequisites: HRD-300 (<http://catalog.neiu.edu/search/?P=HRD-300>) minimum grade of C and HRD-301 (<http://catalog.neiu.edu/search/?P=HRD-301>) minimum grade of C and College of Education Admission YES.

HRD-313. Political Savvy In The Workplace. 3 Hours.

This course will explore the concept of political savvy in the workplace as it relates to one's career success and development as well as for others whom the HRD professional might coach. Topics include: how political savvy is defined, the political nature of the workplace, power and the importance of leveraging one's power, personal influence, and the development of a political game plan.

HRD-313B. Program Development In Human Resource Development. 3 Hours.

This course will explore the range and types of desired outcomes related to planning programs for adult learners. Not designed or written as an instructional design course, this course looks at the barriers that impede discourages adults in pursuing educational goals and provides various way to enhance opportunities for the adult learning population.

Prerequisite: College of Education Admission YES.

HRD-315. Computer Utilization In Human Resource Development. 3 Hours.

Students in this course will be introduced to the use of computers for instructional purposes. Course will focus on design, storyboarding, logic and authoring software. Students will develop computer-based training programs.

Prerequisites: HRD-300 (<http://catalog.neiu.edu/search/?P=HRD-300>) minimum grade of C and HRD-301 (<http://catalog.neiu.edu/search/?P=HRD-301>) minimum grade of C and HRD-310 (<http://catalog.neiu.edu/search/?P=HRD-310>) minimum grade of C and College of Education Admission YES.

HRD-320. Dynamics Of Working With Groups And Individuals. 3 Hours.

Students explore effective interpersonal and group behavior in organizations. Emphasis is placed on understanding the importance of such behaviors. Completion of a minimum of 45 college-level semester hours required.

HRD-321. Designing Instruction In Human Resource Development. 3 Hours.

Students apply major principles relating to the design and presentation of training/education programs for adults. Students demonstrate and improve their level of competency on major course tasks. Recommended: HRD-315 (<http://catalog.neiu.edu/search/?P=HRD-315>) or may be taken concurrently.

Prerequisites: HRD-310 (<http://catalog.neiu.edu/search/?P=HRD-310>) minimum grade of C and HRD-315 (<http://catalog.neiu.edu/search/?P=HRD-315>) minimum grade of C and HRD-320 (<http://catalog.neiu.edu/search/?P=HRD-320>) minimum grade of C and College of Education Admission YES.

HRD-323. Independent Study In Human Resource Development. 3 Hours.

In-depth study of special areas in human resource development.

Prerequisites: (HRD-310 (<http://catalog.neiu.edu/search/?P=HRD-310>) minimum grade of C or HR-310 minimum grade of C) and College of Education Admission YES.

HRD-325. Writing Intensive Program:Communication In Human Resource Development. 3 Hours.

This course explores the role of oral and written communication skills in the human resource development field. The student will practice the following: impromptu, informational, and persuasive oral presentations; and interviewing, questioning, organizing, researching, and active listening skills.

Additionally, the student will demonstrate competence with the following writing tasks: preparing a meeting agenda, project proposal manuscript with recommendations, an e-mail message, an elevator speech, a claims adjustment request, bad news memorandum, and decline of a request. Professionalism; appropriate non-verbal messages; and accurate and effective organization, flow, and mechanics as appropriate for the context, content, and audience are emphasized.

Prerequisites: HRD-300 (<http://catalog.neiu.edu/search/?P=HRD-300>) minimum grade of C and College of Education Admission YES and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

HRD-329. Internship And Seminar In Human Resource Development. 9 Hours.

The internship and seminar will be the culminating activity for the Human Resource Development major. Internship will be in health care settings, business and industry, community, state and federal agencies, rehabilitation and recreation centers and professional associations. The purpose will be to synthesize what the student has learned in the classroom with practice in the field. Permission from the HRD Advisor or Program Coordinator required.

Prerequisites: College of Education Admission YES and HRD-300 (<http://catalog.neiu.edu/search/?P=HRD-300>) minimum grade of C and HRD-301 (<http://catalog.neiu.edu/search/?P=HRD-301>) minimum grade of C and HRD-310 (<http://catalog.neiu.edu/search/?P=HRD-310>) minimum grade of C and HRD-315 (<http://catalog.neiu.edu/search/?P=HRD-315>) minimum grade of C and HRD-320 (<http://catalog.neiu.edu/search/?P=HRD-320>) minimum grade of C and HRD-321 (<http://catalog.neiu.edu/search/?P=HRD-321>) minimum grade of C and HRD-325 (<http://catalog.neiu.edu/search/?P=HRD-325>) minimum grade of C.

HRD-362. Instructional Media In Human Resource Development. 3 Hours.

The purpose of the course is to provide the student with a practical, hands-on approach to selecting and utilizing instructional media, consistent with theories and practices in instructional technology. The emphasis will be placed upon the tools (i.e., equipment and materials) which an instructional designer has available for the production of instructional materials. Students will learn how to operate equipment and will produce instructional materials for media programs.

Prerequisites: (HRD-301 (<http://catalog.neiu.edu/search/?P=HRD-301>) minimum grade of C or HR-301 minimum grade of C or HRD-401 (<http://catalog.neiu.edu/search/?P=HRD-401>) minimum grade of C or HR-401 minimum grade of C) and College of Education Admission YES.

HRD-390. Computer-Based Training. 3 Hours.

Systematic approach to the design and use of computer-based and interactive video instructional materials. Course includes courseware development, implementation, training techniques, documentation and state-of-the-art technology.

Prerequisites: HRD-300 (<http://catalog.neiu.edu/search/?P=HRD-300>) minimum grade of C and HRD-301 (<http://catalog.neiu.edu/search/?P=HRD-301>) minimum grade of C and HRD-310 (<http://catalog.neiu.edu/search/?P=HRD-310>) minimum grade of C and HRD-315 (<http://catalog.neiu.edu/search/?P=HRD-315>) minimum grade of C and College of Education Admission YES.

HRD-400. Hrd And The Organization. 3 Hours.

Study of the role of HRD in relation to the needs, purposes, structures and processes of organizations in order to maximize the effectiveness and value of HRD to the organization.

HRD-401. The Adult Learner I. 3 Hours.

An analysis of adult learning theory and research in relation to practice in the field of training and human resource development, including study of how adults acquire and use knowledge, skills and attitudes. Application of theory in varied adult learning situations will be emphasized.

Prerequisite: HRD-400 (<http://catalog.neiu.edu/search/?P=HRD-400>) minimum grade of C or HR-400 minimum grade of C.

HRD-402. Adult Learner II. 3 Hours.

In-depth focus on individual difference characteristics of adults that affect learning. Consideration of such characteristics as motivation, learning styles, perception of self on other, culture, experiential background, memory/information processing, attribution, cognitive structures and metacognition. Research paper required that includes application to HRD field.

Prerequisite: HRD-401 (<http://catalog.neiu.edu/search/?P=HRD-401>) minimum grade of D or HR-401 minimum grade of D.

HRD-403. Presentation And Facilitation Strategies For Hrd. 3 Hours.

Course is designed to provide students with both the theoretical and the application skills for presenting and facilitating instructional programs for both groups and individuals. Topics will include preparing for a presentation, audience analysis, use and design of visual aids, feedback, techniques for group facilitation and dealing with difficult participants. The course will also deal with strategies for presenting recommendations for implementing and evaluating HRD programs.

Prerequisite: HRD-400 (<http://catalog.neiu.edu/search/?P=HRD-400>) minimum grade of C or HR-400 minimum grade of C.

HRD-405. Needs And Task Analysis In Hrd. 3 Hours.

Defining gaps between desired and actual performance and specifying the cause of the gaps. Identifying and analyzing tasks and job content for the purpose of developing training designed to accomplish specific results in a job or organization. The design, development and application of techniques and instruments to use in obtaining information on needs and tasks.

Prerequisite: HRD-400 (<http://catalog.neiu.edu/search/?P=HRD-400>) minimum grade of C or HR-400 minimum grade of C.

HRD-406. Instructional Design In Hrd I. 3 Hours.

The process of preparing objectives, defining content, selecting and sequencing learning activities for specific training/ education/ development programs. Includes selection of methodology, including use of media and computer technology, critique and redesign of off-the-shelf materials and evaluation.

Prerequisite: HRD-401 (<http://catalog.neiu.edu/search/?P=HRD-401>) minimum grade of C or HR-401 minimum grade of C.

HRD-407. Measurement And Evaluation In Hrd. 3 Hours.

Determining the effectiveness of HRD learning programs and services. Making decisions on how, what and when to measure and what standards to use in evaluation. The design, development and application of techniques and instruments to use in obtaining measurement data. Cost/benefit analysis of the impact of HRD on the organization.

Prerequisite: HRD-406 (<http://catalog.neiu.edu/search/?P=HRD-406>) minimum grade of C or HR-406 minimum grade of C.

HRD-408. Instructional Design In Human Resource Development II. 3 Hours.

In this course, students study advanced instructional design techniques as they go through the process of assessing needs, designing and developing instruction and developing both an assessment and an implementation plan for their training. Students develop an instructional program designed to meet client needs, giving them an opportunity to apply theories learned in earlier courses, as well as acquainting them with additional instructional strategies to developing an expanded instructional program.

Prerequisites: (HRD-406 (<http://catalog.neiu.edu/search/?P=HRD-406>) minimum grade of D or HR-406 minimum grade of D) and (HRD-407 (<http://catalog.neiu.edu/search/?P=HRD-407>) minimum grade of D or HR-407 minimum grade of D) and (HRD-490 (<http://catalog.neiu.edu/search/?P=HRD-490>) minimum grade of D or HR-490 minimum grade of D or HRD-462 (<http://catalog.neiu.edu/search/?P=HRD-462>) minimum grade of D).

HRD-409. Television Production In Human Resource Development. 3 Hours.

This course will explore techniques of television production and utilization as they apply to the field of human resource development. Students will learn the principles of camera operation, lighting, composition, video and audio recording, video editing, field production, directing and scripting. The approach will be hands-on; students will write and produce video training materials using instructional design principles.

Prerequisites: (HRD-362 (<http://catalog.neiu.edu/search/?P=HRD-362>) minimum grade of C or HR-362 minimum grade of C) and (HRD-406 (<http://catalog.neiu.edu/search/?P=HRD-406>) minimum grade of C or HR-406 minimum grade of C).

HRD-410. Administration Of Hrd Programs. 3 Hours.

Development and monitoring of Human Resource Development programs that are consistent with the organization's present and future needs. Preparation of long-range plans for the HRD function in an organization and articulation of viewpoints and services to management. Study of how successful HRD practices work in selected organizations.

Prerequisite: HRD-405 (<http://catalog.neiu.edu/search/?P=HRD-405>) minimum grade of C or HR-405 minimum grade of C.

HRD-411. Consulting In Human Resource Development. 3 Hours.

This course examines the roles of both internal and external consultants within an organization as they analyze both training and non-training interventions to improve performance. Students work with case studies to examine various aspects of the consulting process. Topics covered include client-consultant relationships, diagnosing organizational situations, developing contracts, marketing your services, etc.

Prerequisites: (HRD-407 (<http://catalog.neiu.edu/search/?P=HRD-407>) minimum grade of C or HR-407 minimum grade of C) and (HRD-406 (<http://catalog.neiu.edu/search/?P=HRD-406>) minimum grade of C or HR-406 minimum grade of C).

HRD-412. Project Management In Human Resource Development. 3 Hours.

Study of the principles of project management as they relate to the development of HRD programs. Application of the principles to HRD projects that are both in the planning state and in progress will be emphasized.

Prerequisite: HRD-405 (<http://catalog.neiu.edu/search/?P=HRD-405>) minimum grade of C or HR-405 minimum grade of C.

HRD-413. Independent Study In Human Resource Development. 3 Hours.

In-depth study of special areas in human resource development.

HRD-415. Seminar In Hrd. 3 Hours.

The seminar will be taken concurrently with Practicum in Human Resource development I. The objective is to synthesize what has been learned in the classes and apply this learning to on-site problems for which the students are asked to develop training solutions.

Prerequisites: (HRD-401 (<http://catalog.neiu.edu/search/?P=HRD-401>) minimum grade of C or HR-401 minimum grade of C) and (HRD-400 (<http://catalog.neiu.edu/search/?P=HRD-400>) minimum grade of C or HR-400 minimum grade of C) and (HRD-403 (<http://catalog.neiu.edu/search/?P=HRD-403>) minimum grade of C or HR-403 minimum grade of C) and (HRD-405 (<http://catalog.neiu.edu/search/?P=HRD-405>) minimum grade of C or HR-405 minimum grade of C) and (HRD-406 (<http://catalog.neiu.edu/search/?P=HRD-406>) minimum grade of C or HR-406 minimum grade of C) and (HRD-407 (<http://catalog.neiu.edu/search/?P=HRD-407>) minimum grade of C or HR-407 minimum grade of C).

HRD-416. Practicum In Hrd I. 3 Hours.

Students will do a supervised practicum either in the organization in which they are presently working or in an appropriate site approved by program faculty. While participating in the practicum, the students will be involved in a specified sequence of HRD activities that will include participation in the design and presentation of a training program.

Prerequisites: (HRD-401 (<http://catalog.neiu.edu/search/?P=HRD-401>) minimum grade of C or HR-401 minimum grade of C) and (HRD-403 (<http://catalog.neiu.edu/search/?P=HRD-403>) minimum grade of C or HR-403 minimum grade of C) and (HRD-405 (<http://catalog.neiu.edu/search/?P=HRD-405>) minimum grade of C or HR-405 minimum grade of C) and (HRD-406 (<http://catalog.neiu.edu/search/?P=HRD-406>) minimum grade of C or HR-406 minimum grade of C) and (HRD-407 (<http://catalog.neiu.edu/search/?P=HRD-407>) minimum grade of C or HR-407 minimum grade of C).

HRD-417. Practicum In Hrd II. 3 Hours.

See description of Practicum in HRD I. Students have the option of taking additional practicum hours if the field setting provides an opportunity to design and present a training program that is more involved and will require an extended time commitment. Practicum in HRD I and Practicum in HRD II can be taken during the same term if it can be clearly established that the student will have time for an extended commitment.

Prerequisites: (HRD-401 (<http://catalog.neiu.edu/search/?P=HRD-401>) minimum grade of C or HR-401 minimum grade of C) and (HRD-400 (<http://catalog.neiu.edu/search/?P=HRD-400>) minimum grade of C or HR-400 minimum grade of C) and (HRD-403 (<http://catalog.neiu.edu/search/?P=HRD-403>) minimum grade of C or HR-403 minimum grade of C) and (HRD-405 (<http://catalog.neiu.edu/search/?P=HRD-405>) minimum grade of C or HR-405 minimum grade of C) and (HRD-406 (<http://catalog.neiu.edu/search/?P=HRD-406>) minimum grade of C or HR-406 minimum grade of C) and (HRD-407 (<http://catalog.neiu.edu/search/?P=HRD-407>) minimum grade of C or HR-407 minimum grade of C).

HRD-418A. Topical Seminar: Strategic Planning In Human Resource Development. 3 Hours.

Study of principles of strategic planning as it relates to the HRD field. This course will explore various strategies that can be used to lead, facilitate, or teach others how to work through the strategic planning process. Application of the principles of strategic planning process will be emphasized.

HRD-418B. Topical Seminar: Human Performance Technology In Human Resource Development. 3 Hours.

Study of improving human performance in the workplace. This course will develop awareness about the complexity of this area including the role of the HRD practitioner as the performance consultant. A practical and theoretical foundation for following HTP methodology to solve human performance problems in the workplace will be explored.

HRD-418E. Topical Seminar In Global/Cultural Issues In Human Resource Development. 3 Hours.

This course will explore the importance and necessity of HRD practitioners understanding the importance of globalization and the increasing diversity of the work-place and work-force. The design and delivery of instruction and the analysis of the dynamics of organizations requires an understanding of learning and organizational development theory and will be examined through the lens of global and cultural awareness.

HRD-418F. Topical Seminar: Group Dynamics In Human Resource Development. 3 Hours.

This course will explore the principles of group dynamics as they affect individuals, groups, and team in organizations. This highly interactive course will explore group and team issues including: the nature of groups, group formation, development and socialization, structure, influence power, decision making, conflict, and additional issues.

HRD-419. Project In Human Resource Development. 3 Hours.

Students prepare a project that involves the application and/or extension of the knowledge and skills developed in the courses that they have completed. The project may be in the form of an instructional program or a paper on a specific aspect of Human Resource Development.

HRD-420. Thesis Seminar In Hrd. 3 Hours.

Guidance of students conducting research and writing a thesis to fulfill the requirements of the program, Master of Arts in Human Resource Development.

HRD-462. Instructional Strategies In Hrd. 3 Hours.

This course will explore various strategies that can be used to facilitate learning in a variety of situations. Strategies such as advance organizers, concept mapping, imagery, etc. will be studied in terms of their advantages, limitations and applications. The course will explore different types of learning, such as declarative knowledge, concepts, motor skills, etc. The different types of learning will be studied in terms of their characteristics and the implications those characteristics have for selecting and using instructional strategies.

HRD-490. Multimedia: Design And Application. 3 Hours.

This course presents an overview of varied aspects of multimedia as used in the HRD field. Course content blends theory and application as students learn the basic elements of instruction, interaction and the impact of technology on instruction. Students use an authoring program to design instruction which meets criteria for effective teaching/learning. Students will use multimedia as a vehicle for research and communication through e-mail and Internet access.

Prerequisite: HRD-404 minimum grade of C.

Inner City Studies Education (ICSE)

Courses

ICSE-101. Development Of Inner City Children. 3 Hours.

An examination of traditional theories of child growth and development in light of recent findings of interdisciplinary research on the behavior of disadvantaged children in urban settings. Special emphasis on inner city family structures as well as those informal and formal systems that contribute to personality formation.

ICSE-102. The Paraprofessional In The Inner City School. 3 Hours.

Introduction to educational philosophies and teaching techniques relevant to inner city schools from pre-school through upper elementary grades as they pertain to the paraprofessional (teacher aide). Considerable focus on teacher aide-pupil relationships and teacher aide-parent relationships. Special projects will deal with practical classroom situations and motivational techniques. Students will be exposed to new materials and media and trained to select those especially applicable to inner city youth.

ICSE-103. Introduction To Inner City Studies. 3 Hours.

An overview to of the problems of minority groups in large urban settings. Includes the study of mental and physical health and community services.

ICSE-104. Introduction To Ethno-Musicology. 3 Hours.

An introduction to the music of each Ethnic group: Spanish (Latin) descent, African-American and Native American with historical analysis of each group's musical origins.

ICSE-105. Urban Art Forms. 3 Hours.

Survey of contemporary art forms that compare themes, types of materials and designs with those of the past.

ICSE-106. Inner-City Behavior Patterns. 3 Hours.

A psychological approach to the distinctive life-style patterns that permeate all facets of inner city living.

ICSE-201. History And Culture Of Ethnic Groups In America. 3 Hours.

An examination of religious, social, economic, and political aspects of ethnic groups in the United States, namely: Spanish descent, African-Americans, American Indians, etc.

ICSE-202. Colonial Systems. 3 Hours.

An examination of the history, culture, politics, and economics of external and internal colonialism from the 17th century to the present. Restricted to undergraduates.

ICSE-203. Revolutionary Movements. 3 Hours.

Comparative study of various contemporary revolutionary movements including domestic revolts.

ICSE-204. Introduction To African Civilizations. 3 Hours.

An introductory survey of African civilizations, concerned with the major culture of Africa before the invasions by the modern, Western European nations of the 15th and 16th centuries.

ICSE-205. Ethnic Politics In America. 3 Hours.

A study of the way various ethnic and social groups relate to local and national politics. Examination of the various ways by which ethnic groups in America have obtained political strength. It will investigate ethnic activities in this area on the local and national levels.

ICSE-301. Racism In Theory And Fact. 3 Hours.

Study of race and culture as related to social and racist theories. Focus will be on such issues as prejudice, racial superiority and racial group interaction.

ICSE-302. The Inner City Community. 3 Hours.

The study of the politics, economics, and social structure of the inner city. In addition, the ecological approach will be covered.

ICSE-303. Writing Intensive Program: Research Design And Methodology. 3 Hours.

Research Design and Methodology examines the literature and theories that relate to research of urban communities. The course will focus on the design of research projects and the methods of data collection used in researching urban phenomena.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

ICSE-304. Communication In The Inner City. 3 Hours.

An examination of the cultural barriers and racial myths which impede inter-cultural communication. Development of a theory of inter-cultural communication with emphasis on means of disseminating ideas, news, and propaganda in inner city communities.

ICSE-305. Business, Welfare, And Labor Systems In America. 3 Hours.

A study of political, economic, and social aspects of the labor welfare economy as related to group structure. Problems posed by automation, cybernation, and discrimination will be studied in-depth.

ICSE-324. Problems In Testing Inner City Children. 3 Hours.

Special problems in administering, interpreting and constructing tests for inner city children.

ICSE-326. Language Behavior In Inner City Communities. 3 Hours.

Review of the literature and research on language problems in the inner city, methods and programs for speech, reading and listening improvement and utilization of learning aids.

ICSE-327. Seminar In Administrative Practicum. 2 Hours.

Designed to provide orientation, overview and evaluation of practicum experience. Must be taken concurrently with ICSE-328 (<http://catalog.neiu.edu/search/?P=ICSE-328>).

Prerequisite: ICSE-305 (<http://catalog.neiu.edu/search/?P=ICSE-305>) minimum grade of D or ICST-305 minimum grade of D.

Corequisite: ICSE-328 (<http://catalog.neiu.edu/search/?P=ICSE-328>).

ICSE-328. Administrative Practicum. 4 Hours.

A ten week assignment in an inner city administrative unit, governmental or private. Designed to give the student experience in administration and administrative problems of various agencies and organizations. The student will be supervised by a cooperating administrator working with the faculty practicum supervisor. Must be taken concurrently with ICSE-327 (<http://catalog.neiu.edu/search/?P=ICSE-327>).

Prerequisite: ICSE-305 (<http://catalog.neiu.edu/search/?P=ICSE-305>) minimum grade of D or ICST-305 minimum grade of D.

Corequisite: ICSE-327 (<http://catalog.neiu.edu/search/?P=ICSE-327>).

ICSE-329B. Constitutional Issues And Race Relations. 3 Hours.

This course is designed to give a brief look into one of the greatest written constitutions of any country, and its effect on inner city communities with particular emphasis on race and issues presented as a result of legal and administrative enforcement of the constitution. The course is structured in a manner to encourage reading, research, critical thinking, and analytical writing.

ICSE-329C. Inner City Organization And Institution Building. 3 Hours.

This course is primarily a survey of the socio-political dynamics of inner city organization and institution building. An ecological framework will be utilized to guide our examination. The course will encompass three principal areas of concern: 1. an over-view of organizations and institutions within the context of social organization; 2. issues relevant to inner city organization and institution building; 3. methodological tools to develop a proposal to conduct an ethnographic study of the Jacob H. Carruthers Center for Inner City Studies at Northeastern Illinois University. Moreover, current social findings concerning inner city organization and institution building will be examined.

ICSE-329D. Advanced Ethnomusicology. 3 Hours.

This course is intended to provide students with a clear knowledge base for research in the field of ethnomusicology. The course will engage students in research approaches that have evolved to define this discipline, and to encourage new and creative approaches which will inspire investigations that will enhance and evolve the field. The focus of the course is centered in the development and coordination of field research, comparisons of music in various cultural contexts, and evaluating and incorporating data. Research incentives and initiatives will be drawn from prescribed readings, class discussions, and a model project designed by the instructor.

ICSE-329E. The Oral Tradition & The Inner City Community. 3 Hours.

This course explores the social, political, and cultural forces that influence hip hop culture and the rap music industry. Ecological conceptual models will be used to determine if multinational media conglomerates function as one massive empire that uses some aspects of the rap music industry as cultural imperialism, or if they are simply involved with hip hop for classic capitalism purposes, or a combination of both.

ICSE-329F. Contemporary Issues In The Inner City. 3 Hours.

This course focuses on the contemporary issues surrounding inner city communities in the United States. It specifically examines the economic, political, educational, and environmental underpinnings of such communities. Throughout this course dilemmas effecting inner city communities, specifically, miseducation and the misuse and abuse of economic and political power are discussed, debated and researched. In addition, the discussion of racism as the underlying cause of the historic and contemporary issues in the inner city is explored.

ICSE-329G. Comparative Inner City Communities. 3 Hours.

Course examines historical and contemporary aspects of inner city life in major urban areas in the United States and abroad. It will include the study of the demographics, politics, economics, and social structure, as well as the systems and institutions which affect these inner city communities. The central focus of the course is the comparative exploration of the nature and function of the historical and contemporary role of inner city communities within major cities internationally. The course is research-oriented. Students are organized into teams to explore two major cities in each of the countries: United States, Africa, Caribbean, and Europe.

ICSE-329H. Inner City Development. 3 Hours.

This course examines the development in inner city communities in the city of Chicago since 1970 and tracks future plans for development. Students will examine the economic, political, social and cultural development of inner city communities and how this development impacts the residents of these communities. This examination will include a thorough look at the development efforts of the city, state, and federal governments, as well as the efforts of private and non-profit agencies.

ICSE-329I. History And Culture Of The Caribbean. 3 Hours.

This course is designed to explore the history and culture of the Caribbean since the 15th century. The impact of European exploration, imperialism, colonialism, and slavery on indigenous populations and African people will be investigated. African responses to the transatlantic slave trade system will be examined. The intent of this course is to assist students in developing knowledge, critical reading and thinking skills, and research and writing skills.

ICSE-329L. African Communications. 3 Hours.

This course is designed to examine verbal and non-verbal communication in African and African American culture, including speaking, writing, the visual arts, song, instrumental music, dance, and film. Perspectives on linguistic and artistic expression will be explored. The role of the "Creative World" in communication will also be considered. Approaches to building cultural knowledge, competence, and literacy will be analyzed. Lectures and discussion will inform instruction.

ICSE-329M. Urban Africa. 3 Hours.

This course is designed to discuss and analyze urban African societies. It also focuses on the conflicts and historical developments within African Nation-States and the impact of European Colonialism on their development. Emphasis will be placed on analyzing the social, economic, political, and military aspects of state formation and its value to the worldwide African community of the past as well as its impact on contemporary society.

ICSE-329N. African Education. 3 Hours.

This course is designed to discuss and analyze various aspects of Traditional African Education. It also focuses on the conflicts and historical development of various ideas surrounding the question of Traditional African Education and African-Centered Education as they relate to educational, psychological, sociological, and political thoughts which impact the current African world community. The materials incorporated will reflect the cultural, anthropological, linguistic, psychological and philosophical factors impacting the historical development of African Education.

ICSE-329O. West African Life, History, And Culture. 3 Hours.

This course will define the Eurocentric worldview vs. the African-Centered worldview. It will trace civilization back to its African origins and highlight ancient West African history, specifically that of Ghana, Mali, and Songhai. Finally, we will examine the resistance and fall of West Africa and the loss of West African intellectual property, as well as how the history of West Africa is becoming increasingly relevant to the lives of Africans throughout the Diaspora today.

ICSE-329P. History Of Africa. 3 Hours.

This course is designed to discuss and analyze various aspects of African Civilizations. It also focuses on the conflicts and historical development of various pre-colonial African kingdoms to the rise of Eurasian colonialism and the Slave Trade. Emphasis will be placed on analyzing the relationship between ancient Eurasian and African contacts in the past and the impact it has on present day dynamics and circumstances. The materials incorporated will reflect the cultural, anthropological, linguistic and psychological factors impacting the historical development and the current status of African people.

ICSE-329R. Alternative Political Systems: Pan Africanism or Marxism. 3 Hours.

This course is designed to provide students with the historical backgrounds of the Pan African Movement and Marxism. The course will also familiarize students with the latest trends and developments regarding the present day Pan African Movement and the continued interplay between Marxist ideology and its relationship to the newly established African Union.

ICSE-329T. Black Politics In Urban America. 3 Hours.

Students are introduced to the history, theories, and contemporary practice of Black Politics in Urban America. Course examines historical and contemporary structure and political system of the African American Community from an interdisciplinary perspective. It examines the political and historical foundations of the African political system, its survival and adaptation to the changing American political terrain. It examines cultural and political behavior from the enslaved African regime to present Urban America by utilizing concepts of urban politics and inner city studies as the prism from which to review the passage of time and structural changes in the last three centuries.

ICSE-329U. The Political History Of Black Chicago. 3 Hours.

This course is designed to acquaint students with the history of Black Chicago's political struggle from the early beginnings of the city to the present to facilitate awareness of their political environment and how it affects their lives and the lives of inner city residents. In addition, the course is designed to assist the student in developing research and writing skills by examining the rich store of primary source material available relative to the political history of Black Chicago.

ICSE-329V. Elite Theory & American Democracy. 3 Hours.

The purpose of this course is to examine social organization and theories of power to determine who really rules America. Moreover, we will delve into the process of how the power elite maintain and enhance their power in society. Edward Shils reminds us that society has a center. Our goal will be to examine this "center" to determine how it impinges in various ways on those who live within American society.

ICSE-329W. Inner City Institutions. 3 Hours.

This course examines the various institutions in inner city communities and the roles they play within these communities. The course will specifically evaluate the political economy generated by these institutions which are created, funded, and operate from sources outside of the inner city community. The topic of fiscal budgeting and management of the city government and how it relates to inner city institutions, as well as the institutional generation and allocation of funds will be examined to analyze how the funding process facilitates structural advantages and/or disadvantages in the inner city community.

ICSE-331. Literature Of Ethnic Groups. 3 Hours.

Approach to the study of ethnic cultures through literature written by and about those groups; study of literary works concerned with African descendents, Southern Mountain Whites, American Indians, Cubans, Mexican and Puerto Ricans. Insight into the cultural attributes of these groups through the reading of novels, plays, biographies, essays, poems and short stories.

ICSE-348. Intergroup Dynamics. 3 Hours.

Study of how to help pupils and parents of different races interact harmoniously; practice in directing activities that will enhance intercultural relationships through such techniques as role playing, panel discussions and public speaking.

ICSE-411. Graduate Study In The Inner City. 3 Hours.

An introduction to graduate study of the conflict of cultures in the United States, especially between the dominant culture and African-Americans, American Indians, Southern Mountain Whites, Cubans, Mexicans and Puerto Ricans. Special emphasis will be given to educational problems facing these groups. This course is required and should be taken early in the student's program.

ICSE-412. Behavior Patterns In The Inner City. 3 Hours.

The study of inner city behavior patterns which result in agency intervention.

ICSE-413. The Idioms Of Afro-American Communities. 3 Hours.

The oral communication characteristics and language patterns peculiar to African-Americans in urban areas.

ICSE-414. History And Culture Of Southern White Migrants. 3 Hours.

History of the Southern White Migrants, treated in conjunction with an examination of the cultural patterns of the people; major emphasis on the family, religion, education and economic status and their respective roles in the transition from a rural to an urban way of life.

ICSE-415. History And Culture Of Spanish Speaking Americans: Mexican, Puerto Rican And Cuban. 3 Hours.

Cultures of Puerto Rican, Mexican and Cuban, studied against their historical backgrounds; special attention given to an understanding of the individual's problems in transition from peasant to urban societies.

ICSE-416. History And Culture Of Afro-Americans. 3 Hours.

African derivation and the culture of American slavery; urban and rural existence; development of the emergent African-American middle-class.

ICSE-417. History And Culture Of American Indians. 3 Hours.

Treatment of the general history and distribution by cultural areas of the North American Indian; description and analysis of representative Indian values undertaken in order to understand the problems in the process of change from tribal to non-tribal systems.

ICSE-425A. Comparative Religion & Philosophical Systems. 3 Hours.

This course is designed to discuss and analyze the nature of the conflict between the growth of early African Christianity and its rival in Europe. It will examine the various African and European thinkers whose discourses were instrumental in the earliest development of Christian philosophy, dogma and praxis. It will also explore the various ecumenical councils that were convened to discuss philosophical issues impacting the current worldview in Western theology. In addition the course will assess the content and context of the notion of "heresy" as a tool in Western theological and intellectual warfare against early African thought.

Prerequisite: ICSE-411 (<http://catalog.neiu.edu/search/?P=ICSE-411>) minimum grade of C or ICST-411 minimum grade of C.

ICSE-425B. African Civilization. 3 Hours.

This course is designed to discuss and analyze various aspects of African Civilizations. It reviews the conflicts and historical development of various pre-colonial African kingdoms to the rise of Eurasian colonialism and the Slave Trade. Emphasis will be placed on analyzing the relationships and values of the world African community of the past and the impact it had on circumstances today.

Prerequisite: ICSE-411 (<http://catalog.neiu.edu/search/?P=ICSE-411>) minimum grade of C or ICST-411 minimum grade of C.

ICSE-425C. The African World View. 3 Hours.

This course is designed to discuss and analyze aspects of the African World View. It also focuses on the conflicts and historical developments of various ideas surrounding the question of African Centeredness and Pan-Africanism as it relates to educational, psychological, sociological, and political thoughts which impact the African world community.

Prerequisite: ICSE-411 (<http://catalog.neiu.edu/search/?P=ICSE-411>) minimum grade of C or ICST-411 minimum grade of C.

ICSE-425E. African And Caribbean Traditions And Religion. 3 Hours.

This course is a comparative analysis of the traditions and religious practices of Africans and Africans in the Caribbean. It is designed to assist graduate students in developing knowledge, skills, techniques, writing, and research skills. This course will explore the variety of religious institutions on the African continent and in the African Diaspora.

Prerequisite: ICSE-411 (<http://catalog.neiu.edu/search/?P=ICSE-411>) minimum grade of C or ICST-411 minimum grade of C.

ICSE-425F. The African-American Church As A Political Instrument. 3 Hours.

This course is designed to discuss and analyze various aspects of the African American church and its impact as a political instrument within the worldwide Black community. This course examines the indigenous spiritual experiences of African people in Africa, their impact on the growth and development of Christianity, Islam and Judaism in Africa, the Caribbean and Central, South, and North America. It will demonstrate that each development was a response to the conditions in which Africans found themselves in the Diaspora as well as means of liberation, theologically, psychologically, socially, politically, and economically.

Prerequisite: ICSE-411 (<http://catalog.neiu.edu/search/?P=ICSE-411>) minimum grade of C or ICST-411 minimum grade of C.

ICSE-426. History And Philosophy Of Black Education. 3 Hours.

Examination of the historical and social forces surrounding the issues of Black education in America, from 1800 to the present. It is within the scope of this course to help the student recount and reconstruct, as near as possible, the crucial social controversies, their advocates, and the century-old evolution of schools of thought on Black educational theory.

Prerequisite: ICSE-411 (<http://catalog.neiu.edu/search/?P=ICSE-411>) minimum grade of C or ICST-411 minimum grade of C.

ICSE-427A. The African American Community. 3 Hours.

This course is designed to create an understanding of the origin, travail, and future of the African American Community. It traces the historical foundations of African American life and culture through time from the slave regime to contemporary times by utilizing the concepts of family and community as the prism from which to review the passage of time and the structural changes over the past 500 years.

Prerequisite: ICSE-411 (<http://catalog.neiu.edu/search/?P=ICSE-411>) minimum grade of D or ICST-411 minimum grade of D.

ICSE-427E. The Multi-Ethnic Society. 3 Hours.

This course is designed to create a participatory learning community to explore the historical development, the structure, and the function of ethnic groups in the Global Community. It will explore the origin of major ethnic groups, the African ethos, cultural development in the major ethnic regions, and the impact these developments have had on the world as a whole.

Prerequisites: (ICSE-411 (<http://catalog.neiu.edu/search/?P=ICSE-411>) minimum grade of C or ICST-411 minimum grade of C) and ICSE-442 (<http://catalog.neiu.edu/search/?P=ICSE-442>) minimum grade of C.

ICSE-428. The Urban World. 3 Hours.

This course is an examination of the urban communities in which peoples of African descent reside, the evolving urban patterns, and the changing nature of urban life in these areas of the world. It looks at the realities of "slum" existence, factors behind the creation of slums, the policies that govern urban communities, and the limitations of these policies in many developing countries. Many major cities were founded on "squatter-style" neighborhoods. We further explore the growing challenges and issues presented by these urban areas in an increasingly globalized world. Further we will conduct comparative analyses of some of these communities.

Prerequisites: ICSE-411 (<http://catalog.neiu.edu/search/?P=ICSE-411>) minimum grade of C and ICSE-442 (<http://catalog.neiu.edu/search/?P=ICSE-442>) minimum grade of C.

ICSE-431. Seminar In Inner City School Problems.. 3 Hours.

Problems of curriculum, counseling, instruction, facilities, school attendance, the gang, etc.; students to do research and present papers on special problem areas and their relationship to school and community. The student will complete a master's report, emphasizing participation in some activity related to inner city education, with approval of instructor. The report may take the form of demonstrations, copies of interviews, a written report, etc.

ICSE-432. Curriculum Development In The Inner City. 3 Hours.

A consideration of the life needs, the assets and the disabilities of the inner city child, and the adjustment of the curriculum to improve the child's learning experiences. Emphasis will be placed on the theory of curriculum construction and the needs of inner city children.

Prerequisite: ICSE-411 (<http://catalog.neiu.edu/search/?P=ICSE-411>) minimum grade of C or ICST-411 minimum grade of C.

ICSE-441. Cultures Of The Inner City. 3 Hours.

Intensive comparative analysis of the way of life of America's urban poor and their relationship to the larger society.

Prerequisite: ICSE-411 (<http://catalog.neiu.edu/search/?P=ICSE-411>) minimum grade of C or ICST-411 minimum grade of C.

ICSE-442. Research Methods In Inner City Studies. 3 Hours.

Research design and analysis of data; methods for collecting and interpreting data, observation, formulation of hypotheses, techniques of interviewing, questionnaire construction, and writing of reports; primary objective of the course is to train students to read research studies with understanding and to apply the findings to classroom instruction.

ICSE-443. Research Writing. 3 Hours.

Advanced instruction in writing reports, proposals, papers and thesis. Consideration of form and style. Methods of writing critiques of research studies.

Prerequisites: (ICSE-411 (<http://catalog.neiu.edu/search/?P=ICSE-411>) minimum grade of C or ICST-411 minimum grade of C) and (ICSE-442 (<http://catalog.neiu.edu/search/?P=ICSE-442>) minimum grade of C or ICST-442 minimum grade of C).

ICSE-444. Methods Of Teaching In The Inner City. 3 Hours.

Curriculum development and adjustment to meet the needs of inner city pupils; new approaches to teaching the "hard to reach" pupil; students to develop units in their own major teaching areas, utilizing new materials and techniques.

Prerequisite: ICSE-411 (<http://catalog.neiu.edu/search/?P=ICSE-411>) minimum grade of D or ICST-411 minimum grade of D.

ICSE-445. Independent Study In Inner City Studies. 3 Hours.

Intensive study of topics related to student's program.

ICSE-451. Research And Thesis. 3 Hours.

Supervision and advisement in evolving thesis problems and in writing the thesis.

ICSE-452. Field Internship. 3 Hours.

An opportunity to work with disadvantaged children in varied social agencies that serve these youngsters in their communities; the student to function as participant-observer by assuming an active work role in the various programs offered by the agencies, thereby allowing close, intimate contact with the children and their parents; agency staff supervision, as well as regular attendance at staff conferences, to enable the student to gain working insight and understanding of the philosophy of the agency program; to be taken concurrently with ICSE-453 (<http://catalog.neiu.edu/search/?P=ICSE-453>).

ICSE-453. Seminar In Field Internship. 3 Hours.

A companion course to field internship; formulation of operational principles of understanding and working through various problems that arise in the student's interaction with disadvantaged youngsters in the field; clarification of the student's attitudes and feelings as determinants in the relationship and learning processes; to be taken concurrently with ICSE-452 (<http://catalog.neiu.edu/search/?P=ICSE-452>).

ICSE-454. Masters Project Research. 3 Hours.

Supervision and advisement in evolving a research project and in writing research results.

Instructional Media (INMD)

Italian (ITAL)

Courses

ITAL-101. Italian I. 3 Hours.

Development of basic skills in listening, speaking, reading and writing. Cultural appreciation.

ITAL-102. Italian II. 3 Hours.

Continuation of ITAL-101 (<http://catalog.neiu.edu/search/?P=ITAL-101>).

Prerequisite: ITAL-101 (<http://catalog.neiu.edu/search/?P=ITAL-101>) minimum grade of D.

ITAL-103. Italian III. 3 Hours.

Continuation of ITAL-102 (<http://catalog.neiu.edu/search/?P=ITAL-102>). Completes the study of the basic elements of Italian.

Japanese (JPN)

Courses

JPN-101. Japanese I. 3 Hours.

Development of basic skill in listening, speaking, reading and writing. Cultural appreciation.

JPN-102. Japanese II. 3 Hours.

Continuation of basic skill in listening, speaking, reading and writing. Cultural appreciation.

Prerequisite: JPN-101 (<http://catalog.neiu.edu/search/?P=JPN-101>) minimum grade of D.

JPN-103. Japanese III. 3 Hours.

Continuation of basic skill in listening, speaking, reading and writing. Cultural appreciation.

JPN-104. Japanese IV. 3 Hours.

Continuation of basic skill in listening, speaking, reading and writing. Cultural appreciation.

Justice Studies (JUST)

Courses

JUST-101. Introduction To Social Justice. 3 Hours.

Examines the theme of justice as a foundational goal of all social institutions in a democracy. Introduces students to critically examining social injustices, especially in institutions and social structures. In order to arrive at a vision and practice of justice we will study those "acceptable" injustices through the lens of justice and equality for all.

JUST-109. First Year Experience: Justice In Chicago. 3 Hours.

Using Chicago as a lab, students will experience justice in many forms, from courthouse visits and artistic expressions, to discussions with attorneys, judges, and formerly incarcerated persons. In this course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery and Transitions) are interwoven with the introductory concepts and terminology of the criminal and social justice systems to provide first-year students with an opportunity to critically examine social injustices in institutions and social structures through a critical lens.

JUST-201. Introduction To The Criminal Justice System. 3 Hours.

Overview of police, court and prison practice with attention to class, race and sex discrimination in the criminal justice system. Emphasis on the relationship between crime and key political and economic structures.

JUST-202. Writing Intensive Program: Justice And Inequality. 3 Hours.

This course focuses on the unfair and unequal treatment occurring in contemporary U.S. society based on people's race, gender, sexual orientation, and class. The course analyzes the ways in which race, class, gender, and sexual orientation work as interlocking systems of privilege and disadvantage affecting all of us. The course also focuses on biases and discrimination in the criminal justice system and in the delivery of justice. Discussions will also identify strategies for reducing injustice. This course fulfills the Writing Intensive Program (WIP) graduation requirement for Justice Studies majors.

Prerequisites: JUST-101 (<http://catalog.neiu.edu/search/?P=JUST-101>) minimum grade of C and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

JUST-241. Research Methods In Justice Studies. 3 Hours.

This course introduces majors to quantitative and qualitative research methods used in the social sciences with a focus on Justice Studies issues. Students develop analytical skills through learning how researchers construct and use data to answer questions about human behavior, beliefs, and institutions.

Prerequisites: (JUST-101 (<http://catalog.neiu.edu/search/?P=JUST-101>) minimum grade of D or JUST-201 (<http://catalog.neiu.edu/search/?P=JUST-201>) minimum grade of D) and MATH-090 (<http://catalog.neiu.edu/search/?P=MATH-090>) minimum grade of D.

JUST-301. Theories Of Justice And Social Change. 3 Hours.

Explores general theories of social change, such as social evolutionism and historical materialism and the relationship between social change and the pursuit of justice. The starting point is unjust social structures and processes, leading into analysis of how social change occurs, especially through social movements.

Prerequisites: JUST-101 (<http://catalog.neiu.edu/search/?P=JUST-101>) minimum grade of C and JUST-202 (<http://catalog.neiu.edu/search/?P=JUST-202>) minimum grade of C.

JUST-305. The Carceral State: A Contemporary System Of Punishment And Control. 3 Hours.

This course extends students' understanding of mass incarceration and the current state of the criminal legal system by introducing a theoretical understanding of the Carceral State as a system of control and punishment. This course examines the Carceral State through an intersectional framework that considers the relationship between punishment and criminalized identities, such as race, ethnicity, nationality, gender, sexuality, class, and ability. The course focuses on prison abolition work as a response to dismantling the Carceral State.

Prerequisite: JUST-313 (<http://catalog.neiu.edu/search/?P=JUST-313>) minimum grade of C.

JUST-307. Prisoner Reentry Systems. 3 Hours.

This course examines how the prison reentry system works, the causes of recidivism, and how recidivism rates could be lowered. Students will gain applied knowledge of how the criminal justice system works and of patterns of incarceration and release, as well as trends in prisoner reintegration.

Prerequisite: JUST-313 (<http://catalog.neiu.edu/search/?P=JUST-313>) minimum grade of C.

JUST-309. Portrayal Of Crime In Media. 3 Hours.

Analysis of the media's presentation of crime with attention to the historical development of the portrayal of crime and its effect on current public attitudes regarding "crime" and the "criminal." Various forms of the media are individually considered, most notably television, film, and newspaper.

JUST-311. Women, Crime, And The Criminal Justice System. 3 Hours.

This course explores the position of women in society; theories of female criminality; crimes committed by and against women, such as prostitution, rape, physical and psychological abuse, and forced sterilization; the treatment of women by various social and criminal justice agencies.

JUST-312. Theories Of Criminal Behavior. 3 Hours.

Historic overview of theories of crime from the classical school to currently popular viewpoints including Marxist and radical theories with emphasis on the relationship between theory and criminal justice policy formulation.

Prerequisite: JUST-101 (<http://catalog.neiu.edu/search/?P=JUST-101>) minimum grade of C or JUST-201 (<http://catalog.neiu.edu/search/?P=JUST-201>) minimum grade of C.

JUST-313. Prisons And Jails. 3 Hours.

Study of the historic development of prisons focusing on current practice and emphasizing consequences of expanding the prison population and community based alternatives to incarceration.

JUST-314. Police In The Minority Community. 3 Hours.

Overview of the social, political and economic consequences resulting from historical and contemporary treatment of U.S. minorities by law enforcement personnel with emphasis on the development of policy focusing on police methodology in controlling and creating levels of crime within urban areas. Theoretical and practical issues involving bias, discretion and excessive force.

JUST-316. Crime, Violence And Culture. 3 Hours.

Exploration of interpersonal and structural violence and aspects of culture that promote it. The course considers: the criminalization of some and tolerance of other violence; competing theories of violence; and strategies for reducing and preventing violence.

JUST-317. White Collar Crime & Elite Deviance. 3 Hours.

This course examines the problems of defining crimes of the elite, theories related to white collar crime and elite deviance, and the impact of white collar crime and elite deviance on society and justice. We also examine the impact of social institutions upon white collar crime and elite deviance, reactions to these and the forms of punishment available.

JUST-318. Gangs In Chicago. 3 Hours.

This course provides an analysis of the history of, and theories about, gangs in Chicago. It examines how and why gangs develop, how they are structured, their gradual development, and how societal injustices impact the development of gangs generally, and in Chicago.

JUST-319. Latinos/as & The Criminal Justice System. 3 Hours.

Examines the relationship between Latinos/as and the criminal justice system. Issues addressed are what distinguishes Latinos/as from other racial and ethnic groups in the criminal justice system? What sociological and criminological theories can explain these differences. Key variables that are discussed are historical context, race and ethnic relations, current criminal justice policies.

JUST-321. Violence Against Women. 3 Hours.

Overview of the legal, sociological, psychological and medical aspects of rape, battering and related forms of gendered violence. Explores social and cultural context of violence against women, changing definitions of violence and the criminalization of sexual assault and family violence and response to violence, including the anti-rape and battered women's movements.

JUST-322. Women, Justice And The Law. 3 Hours.

A discussion of justice and its intersection with gender. The course focuses on federal statutes and their interpretation, on sexual harassment and employment and state statutes focusing on family law and criminal law.

JUST-323. Introduction To Child Advocacy Studies. 3 Hours.

This course provides a survey of the emerging field of Child Advocacy Studies, which researches and seeks remedies for the maltreatment of children and youth, including specific acts of violence and neglect, in the context of the pernicious effects of racism, poverty, sexism, and heterosexism, including the unique problems faced by immigrant and displaced children. The course examines the various economic, political, social and cultural circumstances that may contribute to the abuse and maltreatment of children and youth. It also teaches students about the strategies and tactics used by various local governmental and nongovernmental agencies, courts and medical establishments to address these problems.

JUST-324. Women As Political Prisoners. 3 Hours.

This course examines the three areas in which women can be defined as political prisoners: 1) women imprisoned for political acts; 2) women imprisoned for self-defense measures; 3) women imprisoned for petty 'economic' crimes such as prostitution.

JUST-325. Women And Revolution: Theories Of Justice. 3 Hours.

Theories of justice informing revolutionary practice with attention to the role played by women in revolution, especially in liberation struggles in Central America.

JUST-326. Juvenile Justice System. 3 Hours.

Socio-economic analysis of the history of the juvenile justice system in an effort to understand how the system functions and whom it serves.

JUST-328. Social Justice & LGBTQ Issues. 3 Hours.

This course explores lesbian, gay, bisexual, transgender and queer social justice issues. Students will study LGBTQ issues and theories in the context of both historic and contemporary social justice practices. This will include an examination of race, class, gender, and ethnicity in LGBTQ communities, along with a discussion of legal, social, and political steps taken and contemplated to end the oppression of LGBTQ people.

JUST-329. Politics Of Punishment. 3 Hours.

Exploration, from a global perspective, of the history, development and philosophies of punishment and of the debate within the United States and the countries of Western Europe over the purpose of correctional institutions.

JUST-330. Legal Research And Bibliography In Criminal Law. 3 Hours.

Study of basic reference and source materials. Visits to law libraries are required. Presentation of a written and oral argument.

Prerequisites: JUST-201 (<http://catalog.neiu.edu/search/?P=JUST-201>) minimum grade of C and JUST-202 (<http://catalog.neiu.edu/search/?P=JUST-202>) minimum grade of C and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

JUST-331. Law And Racism In America. 3 Hours.

The nature of racism, its essential features and their relationship to the legal, social and economic practices in the United States.

JUST-332. Race & Ethnic Relations. 3 Hours.

Course provides critical examination of the social construction of race focusing on how ethnicity, ancestry and phenotype are used historically to separate people. Students explore concepts, theoretical perspectives, and research patterns of cooperation and conflict between different racial and ethnic groups. Sources of prejudice, discrimination, power relations and stratification are discussed. Students examine contemporary problems and issues in the area of racial and ethnic relations and global justice.

Prerequisites: JUST-101 (<http://catalog.neiu.edu/search/?P=JUST-101>) minimum grade of C and JUST-202 (<http://catalog.neiu.edu/search/?P=JUST-202>) minimum grade of C.

JUST-333. Community Law. 3 Hours.

General introduction to the impact of law on the public: consumer law, family law and individual rights.

JUST-334. Criminal Law And Procedure. 3 Hours.

The basic principles of American criminal law, current issues and controversies surrounding the criminal justice process, and the constitutional rights of the accused.

JUST-335. Legal Process I. 3 Hours.

Analysis of common law and the role of precedent with emphasis on appellate courts, particularly the U.S. Supreme Court.

JUST-336. Postmodern Law & Criminology. 3 Hours.

This course will introduce the core concepts of postmodern analysis and their application to law, criminology and social justice. It will be a challenge to modernist thought that has dominated the social sciences whose basic assumptions evolved from the Renaissance period. Discourse analysis and chaos theory along with other emerging perspectives will be explicated. Causation, the subject, objectivity, order, linearity, neutrality of language, rationality, universals, among others, will be re-thought via postmodern analysis.

JUST-337. Workers' Rights And Human Rights. 3 Hours.

This course covers basic labor law: worker's compensation, unemployment compensation, National Labor Relations Act, etc., discussions on worker influence on factories.

JUST-338. Introduction To Human Rights. 3 Hours.

This course provides an introductory overview to human rights. Human rights are examined from several different points of view: as a legal and moral discourse in which justice claims are expressed; as an international regime consisting of many different treaties, legal bodies, United Nations agencies and non-profit organizations which seek to prevent, investigate, and punish human rights violations; as a global social movement that promotes minimum universal standards of human dignity and respect; as a contested philosophical concept that is compared and contrasted with other types of moral claims; and as an increasingly important strategy being used by various communities in the United States to overcome many different types of social injustice. The main human rights organizations and their methods of working will be explained. Each student will also get an opportunity to research one human rights issue in depth.

JUST-339. Tenant's Rights Clinic. 3 Hours.

Under the supervision of a licensed attorney, students study issues relating to landlord/tenant disputes and conflicts. Students are trained to define and negotiate such problems.

JUST-340. Sociology Of Law. 3 Hours.

This course concerns the development of law in society. We cover: historical development of law; functions of law; the connection between political economy and law; various perspectives in studying law; classical thinkers; current and emerging thought; the emergence of lawyers and their language and form of reasoning; the emergence of legal rights and the legal subject; substantive biases of law (gender, race, class, intersectional); how "realities" are constructed in the courtroom; and freedom and coercion in law.

JUST-343. Conflict Transformation. 3 Hours.

Conflict is part of human daily experience. When properly managed, it can lead to awareness, growth, and better human relationships. However, when misdiagnosed and mismanaged, it can sour things and destroy relationships. It also leads to intra and interpersonal, intra- and inter-group/organizational violence, as well as large scale intra-state and international violence. This course explores the connection between justice, peace, and conflict by seeking to understand social conflict and the mechanisms used in its transformation. We begin by examining the theories of conflict analysis and resolution and conclude by exploring methods and best practices.

JUST-345. Practicum In Justice Studies. 3 Hours.

Specific skills necessary for entry level agency/community work.

Prerequisites: JUST-202 (<http://catalog.neiu.edu/search/?P=JUST-202>) minimum grade of C and JUST-101 (<http://catalog.neiu.edu/search/?P=JUST-101>) minimum grade of C and JUST-241 (<http://catalog.neiu.edu/search/?P=JUST-241>) minimum grade of C and JUST-301 (<http://catalog.neiu.edu/search/?P=JUST-301>) minimum grade of C.

JUST-346. Introduction To Oral History For Communities. 3 Hours.

This course introduces students to oral history, a practice that has expanded to many disciplines for its ability to providing information on aspects of life missing from documentary sources and offering different perspectives on historical events and processes. Notably, oral history is used in recovering the experiences of ordinary people. Students will gain knowledge and skills for engaging people in communities in telling their own stories. Students will learn the principles of oral history methodology by analyzing theoretical, ethical, and practical challenges interviewers and researchers face. Students will also learn basic skills on interviewing, transcribing, and abstracting oral histories.

Prerequisite: JUST-241 (<http://catalog.neiu.edu/search/?P=JUST-241>) minimum grade of C or LLAS-290 (<http://catalog.neiu.edu/search/?P=LLAS-290>) minimum grade of C.

JUST-347. Restorative Justice Theories And Practices. 3 Hours.

Restorative Justice (RJ) is one of several umbrella concepts gaining in prominence in the Justice Studies arena. It refers to philosophical strategies and diverse practices to resolve conflicts in a way that is less litigious than traditional, adversarial legal proceedings. This course will introduce students to the origins, theories, controversies and practices of restorative justice—both past and present—as an alternative response to harm. It will also interrogate such questions as: When is it appropriate to forgive rather than to punish? What all is entailed in coming to forgiveness, both for the perpetrator and the victim? Students will come to understand the meaning of restorative processes by examining the ways in which they are practiced around the world.

JUST-350. Field Work Seminar. 6 Hours.

Application of the specific skills learned in the practicum, as well as other classroom theories and concepts, in an agency/ community setting. 180 volunteer hours at work in the field and a 1 1/2 hour weekly seminar.

Prerequisite: JUST-345 (<http://catalog.neiu.edu/search/?P=JUST-345>) minimum grade of D.

JUST-351. Advocating For Social Justice In Illinois. 3 Hours.

This course provides students with a practical introduction to advocating for social justice in Illinois. It is taught from the perspective of marginalized communities that historically have been significantly less able to influence elected officials by donating large sums of money. However, these communities have been able to impact public education, legislation and policy formation/implementation through strategic injections of expertise, organizing, smart coalition building, access to media, litigation, direct action and other techniques. The course will include analyses of such issues as: the legislative process at the local and state levels, an introduction to the players; how to follow the money; the types of power such communities are up against in Chicago and suburbia; strategies to access media and produce a coherent message; the necessity of and methods to reframe and label issues; and the use of organizing, coalition-building, direct action, the courts, initiatives and referendum.

Prerequisites: JUST-101 (<http://catalog.neiu.edu/search/?P=JUST-101>) minimum grade of C and JUST-202 (<http://catalog.neiu.edu/search/?P=JUST-202>) minimum grade of C.

JUST-355. LGBTQ Communities & Crime. 3 Hours.

Research indicates that lesbian, gay, bisexual, trans, and queer (LGBTQ) identities are stigmatized and even criminalized in many nations, LGBTQ individuals are at a heightened risk of crime victimization and face barriers to receiving help, and heterosexism and transphobia play integral roles in the perpetration of crime by LGBTQ individuals as well as in how criminal justice systems respond to them. By applying social justice and criminological lenses, students in this course will explore the nature of and potential resolutions to crime related to LGBTQ people, both in the United States and globally.

JUST-357. Social Justice, Mental Health, And The Law. 3 Hours.

Though one of six Americans suffers from some form of mental illness, there has been little progress in the last fifty years in our protection and treatment of patients who suffer from mental illness. In this course, students will learn about the laws, rights, and treatment of mental illness. They will explore the definitions of mental illness and the stigma and discrimination which ensues for those who are labeled. Students will also examine the arbitrariness of labels and diagnosis in the mental health system, and the devastating impact that this labeling can have on patients and their families.

JUST-361. Five-Hundreds Years Of Resistance. 3 Hours.

This course is a basic study of the over 500-year history of colonization imposed by Europeans and Euro-Americans. It also examines indigenous resistance to colonization and globalization. In this course, critical thinking and reasoning are introduced through the evaluation of historical developments, key contributors, and principle issues of resistance and revolutionary theory.

Prerequisite: JUST-202 (<http://catalog.neiu.edu/search/?P=JUST-202>) minimum grade of C.

JUST-362. Justice Issues In Africa. 3 Hours.

Having lived/living through probing explorers, colonists, imperialists, and natural resources hunters, Africa has also attracted good intentioned development and international collaboration. Even though independence gained from Western nations has improved self-determination in some of its 53 countries, the struggle for justice continues to dominate many political and social activities. This course examines factors that generate inequalities in South Africa; conflict, race, class, ethnic, gender violence, post-apartheid dynamics, neoliberal politics, access, housing, the environment, and exploitation issues in the light of global democracy and social justice.

Prerequisite: JUST-101 (<http://catalog.neiu.edu/search/?P=JUST-101>) minimum grade of C.

JUST-363. Globalization And The Pursuit Of Justice. 3 Hours.

We live in a world interconnected through economics, politics, communications, entertainment and migration. This course explores the emergence of globalization in its contemporary form, and its implications for the lives of everyday people in the global north and south, east and west. Through case studies, we will examine how globalization affects movements for democracy and justice, and vice versa.

Prerequisite: JUST-101 (<http://catalog.neiu.edu/search/?P=JUST-101>) minimum grade of C.

JUST-364. Terrorism In Media & Law. 3 Hours.

Whether used by governments, militaries, corporations, religious institutions, gangs or individuals, terror is an intense overpowering fear caused by the threat and use of violence. This course examines five categories of terrorism. One case study explores how the US responded to 9/11 by framing a long term "War of Terror." Students will learn how to analyze the constantly changing images, propaganda, and tropes manufactured by media to know how to distinguish between terrorists, and those who use violence to defend themselves from aggression and invasion. Also covered are how terrorism is addressed in law; how terrorism impacts institutions/practices; causes of terrorism; ways to prevent/stop terrorism.

Prerequisites: JUST-101 (<http://catalog.neiu.edu/search/?P=JUST-101>) minimum grade of C and JUST-202 (<http://catalog.neiu.edu/search/?P=JUST-202>) minimum grade of C.

JUST-370. Immigration In Global Perspective. 3 Hours.

This course looks at contemporary international population movements and state policies in highly developed countries through the prism of social justice. The course provides an overview of the major theories explaining the nature, causes and consequences of migration including key dimensions such as control policies, integration, security, and citizenship. The course also analyzes current public conversations debating unauthorized immigration, assimilation, and membership and belonging. Through readings, lectures, videos and newspaper articles the course offers students tools for a critical understanding of migration by addressing questions of justice such as the rights of people to mobility, to work, to equality and to inclusion.

JUST-371. U.S. Immigration Policy & Human Rights In The Americas. 3 Hours.

Historical overview of United States' relations with the Americas as these structure economic and security interests in the region and influence regime change, human rights violations, and immigrant and refugee flows. Analysis of contrasting U.S. immigration and refugee policies.

JUST-382. Social Justice & Literature. 3 Hours.

Writers and artists often reflect and inspire major social realignments and radical shifts in the social structure. They have a unique lens with which to focus on society and institutions of power. This course explores the work of several writers and filmmakers to understand how their works mirrored and ignited aspects of social justice. It analyzes how artistic works serve as social critique to enable or inspire social protest and change. The course traces the author's/filmmaker's point of view in each work studied, and examines how they developed their central themes through plot and character.

JUST-383. Social Justice And The Visual Arts. 3 Hours.

Visual artists are important critics of institutions of power and social inequality. Through an exploration of visual media, students will gain insights into issues of power and social inequality based on gender, class, race and sexual orientation. Students will analyze visual media and images utilizing social justice theories, and compare and contrast different visual media to consider their relevance to social change.

Prerequisite: JUST-101 (<http://catalog.neiu.edu/search/?P=JUST-101>) minimum grade of C.

JUST-390. Social Justice And The Environment. 3 Hours.

This course is a comprehensive overview of the connections between environmental justice, social justice, and animal ethics. The topics will be viewed from the following perspectives: 1) Justice and Sustainability; 2) Poverty, Economic Development and Environmental Justice; 3) Eco-Feminist Perspectives on Environmental Justice; 4) Native American Perspectives 5) Animal Ethics and the Relationship to Environmental Justice; and 6) Environmental Law.

JUST-391. Independent Study In Social Justice. 1 Hour.

This course provides a student with the opportunity to undertake an individualized investigation into a topic of the student's choice, under the personalized supervision of a Justice Studies faculty member. The student must fill out the Justice Studies' department's Independent Study form and get the project approved two weeks before the semester begins. Justice Studies major with GPA of 3.0 or above. Approval of instructor, Chair and College Dean required.

Prerequisite: JUST-241 (<http://catalog.neiu.edu/search/?P=JUST-241>) minimum grade of C.

JUST-392. Independent Study In Social Justice. 2 Hours.

This course provides a student with the opportunity to undertake an individualized investigation into a topic of the student's choice, under the personalized supervision of a Justice Studies faculty member. The topic cannot duplicate what is taught in a regularly offered course. The student must fill out the Justice Studies' department's Independent Study form and get the project approved two weeks before the semester begins. Justice Studies major with GPA of 3.0 or above. Approval of instructor, Chair and College Dean required.

Prerequisite: JUST-241 (<http://catalog.neiu.edu/search/?P=JUST-241>) minimum grade of C.

JUST-393. Independent Study In Social Justice. 3 Hours.

This course provides a student with the opportunity to undertake an individualized investigation into a topic of the student's choice, under the personalized supervision of a Justice Studies faculty member. The topic cannot duplicate what is taught in a regularly offered course. The student must fill out the Justice Studies' department's Independent Study form and get the project approved two weeks before the semester begins. Justice Studies major with GPA of 3.0 or above. Approval of instructor, Chair and College Dean required.

Prerequisite: JUST-241 (<http://catalog.neiu.edu/search/?P=JUST-241>) minimum grade of C.

JUST-395. Hunger & Homelessness. 3 Hours.

This class focuses on the lives of people who are underfed, homeless or in precarious housing. Examined are paths to poverty and how poverty is lived in America. Also explored are the structural barriers that prevent one from leaving poverty. These issues are looked at from a variety of perspectives that are introduced through readings, service learning, and guest speakers. One of the perspectives from which hunger and homeless is explored is from the point of view of advocacy: i.e., how can one advocate for homeless people? What assumptions underlie such advocacy?.

Korean (KOR)

Courses

KOR-101. Korean I. 3 Hours.

Development of basic skill in listening, speaking, reading and writing. Cultural appreciation.

KOR-102. Korean II. 3 Hours.

Continuation of basic skill in listening, speaking, reading and writing. Cultural appreciation.

Prerequisite: KOR-101 (<http://catalog.neiu.edu/search/?P=KOR-101>) minimum grade of D.

KOR-103. Korean III. 3 Hours.

Continuation of basic skill in listening, speaking, reading and writing. Cultural appreciation.

Prerequisite: KOR-102 (<http://catalog.neiu.edu/search/?P=KOR-102>) minimum grade of D.

KOR-205. Business Korean. 3 Hours.

Study of basic skills needed to conduct low-to-midlevel business transactions in Korean with emphasis on aspects of Korean culture that occur most frequently in a business environment. Conducted in English.

Prerequisite: KOR-103 (<http://catalog.neiu.edu/search/?P=KOR-103>) minimum grade of D.

KOR-220. Korean Conversation I. 3 Hours.

Development of oral-aural communication skills with emphasis on everyday situations.

Prerequisite: KOR-103 (<http://catalog.neiu.edu/search/?P=KOR-103>) minimum grade of D.

KOR-221. Korean Grammar And Composition I. 3 Hours.

Overview of grammar with emphasis on writing skills.

Prerequisite: KOR-103 (<http://catalog.neiu.edu/search/?P=KOR-103>) minimum grade of D.

KOR-222. Korean Conversation II. 3 Hours.

Continuation of KOR-220 (<http://catalog.neiu.edu/search/?P=KOR-220>) with emphasis on sophistication in speaking Korean through simulation and role playing.

Prerequisite: KOR-220 (<http://catalog.neiu.edu/search/?P=KOR-220>) minimum grade of D.

KOR-223. Korean Grammar And Composition II. 3 Hours.

Continuation of KOR-221 (<http://catalog.neiu.edu/search/?P=KOR-221>).

Prerequisite: KOR-221 (<http://catalog.neiu.edu/search/?P=KOR-221>) minimum grade of D.

KOR-313. Introduction To Korean Literature. 3 Hours.

Overview of literary periods and significant trends in Korean and Korean-American Literature. Survey of major writers and their principal works.

KOR-360. The Confucian Tradition In Korea. 3 Hours.

An in-depth study of Korean ideas and values which explain some of the most fundamental traditional Korean assumptions about humanity, society and the world. This course will examine ideas and values, rooted in the Confucian tradition, which have influenced pre-modern Korean culture and in many ways remain in force in modern society.

Latin (LAT)

Courses

LAT-101. Latin I. 3 Hours.

LAT-102. Latin II. 3 Hours.

Latino and Latin Amer Studies (LLAS)

Courses

LLAS-101. Introduction To Latino & Latin American Studies. 3 Hours.

This course is an introduction to Latino and Latin American Studies. It explores the diverse origins and conditions of the multiple groups encompassed by the terms "Latino" and/or "Hispanic." The course traces connections with ancestral Latin America in terms of its pre-Hispanic and colonial past, as well as its post-colonial present.

LLAS-109. FYE:Art, Thought, And Revolution In Chicago. 3 Hours.

An introduction to the cultural life of Chicago Latino youth with its regional differences with key themes/symbols and cultural norms created by the historical interaction between Latinos and American society as expressed in literature, art, music, and folklore. Attention will also be given to change and continuity in Latino cultural norms on the basis of historical events.

This class explores the history of art and its role in the civilizations from Modernism, the Mural Renaissance and the Civil Rights Movement. Using the rich artistic legacy of this area, the class examines the way art functions across borders and how borders have been constructed, debated and lived through in the art of the past.

LLAS-201. Writing Intensive Program: Culture & History Of Latinos. 3 Hours.

Culture and History of Latinos is intended to insure that Latino and Latin American Studies students understand the religious, social, economic and political aspects of Latino groups. It explores their roles and conditions in the new demographic context of the United States as its largest ethnic minority group.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

LLAS-224. The Chicano Movement. 3 Hours.

This course is an analytical overview of stories and histories of and about people of Mexican ancestry or origin in the United States of America. The course examines involvements, events, and conditions directly affecting the fates and opportunities of this constituency through time. The course focuses on regional, class and gender particularities as well as symbolic and epistemological characteristics.

LLAS-225. Puerto Ricans & The Caribbean. 3 Hours.

This course is an overview of people in the Caribbean and/or in the U.S. with ancestral or migratory ties to the Caribbean.

LLAS-290. Research Methods In Latino And Latin American Studies. 3 Hours.

The course provides an introduction to the theories and processes of critical inquiry in the social sciences and humanities. Each student conducts a focused review of the literature in response to a specific, identified issue and is introduced to the elements of scholarly writing. The course creates a learning community of scholars working to explore meaningful solutions to identified research questions in Latino and Latin American Studies humanities and social sciences area.

Prerequisites: LLAS-101 (<http://catalog.neiu.edu/search/?P=LLAS-101>) minimum grade of D and LLAS-201 (<http://catalog.neiu.edu/search/?P=LLAS-201>) minimum grade of D.

LLAS-301. Field Seminar In Latino & Latin American Studies. 3 Hours.

The course aims towards the formulation of a sophisticated understanding of social and political life of Latinos in the current context. It combines theoretical insights and documentary information to examine the assets and current challenges of these communities. This course serves as the capstone course for LLAS minors.

Prerequisites: LLAS-101 (<http://catalog.neiu.edu/search/?P=LLAS-101>) minimum grade of C or MCS-101 minimum grade of C and LLAS-201 (<http://catalog.neiu.edu/search/?P=LLAS-201>) minimum grade of C or MCS-201 minimum grade of C.

LLAS-312. Introduction To The Barrio. 3 Hours.

Students do research on their residential neighborhoods using historical and demographic data, along with political and theoretical insights from the social sciences and the students' experiences.

LLAS-345. Race, Class, Gender & Latinos. 3 Hours.

This course is an analytical overview of the complexity of Latino community/ies. The course aims towards the formulation of a sophisticated understanding of social and political life of Latinos in the current context. It combines theoretical insights and documentary information to examine the assets and current challenges of these communities. .

LLAS-346. Introduction To Oral History For Communities. 3 Hours.

This course introduces students to oral history, a practice that has expanded to many disciplines for its ability to providing information on aspects of life missing from documentary sources and offering different perspectives on historical events and processes. Notably, oral history is used in recovering the experiences of ordinary people. Students will gain knowledge and skills for engaging people in communities in telling their own stories. Students will learn the principles of oral history methodology by analyzing theoretical, ethical, and practical challenges interviewers and researchers face. Students will also learn basic skills on interviewing, transcribing, and abstracting oral histories.

Prerequisite: LLAS-290 (<http://catalog.neiu.edu/search/?P=LLAS-290>) minimum grade of C or JUST-241 (<http://catalog.neiu.edu/search/?P=JUST-241>) minimum grade of C.

LLAS-351. Latinos And Immigration. 3 Hours.

The course examines social and cultural dimensions of the arrival and incorporation of Latin American immigrants to the United States. It reviews migratory flows across time and regions of the country. Through a discussion-based class, students explore immigration through diverse readings from a wide variety of fields (i.e. history, political science, sociology). The readings provide a comparative range of immigrant experiences from different Latin American countries and different time periods. This comparison will provide a broad exposure of the topic from which students will select a specific topic pertinent to personal and professional interest for their individual assignments.

LLAS-353. Latino Diversities. 3 Hours.

Latinos, the largest ethnic minority of the country, are far from comprising a homogeneous or cohesive group. This course examines various ways in which members of this umbrella group differ in their respective histories in this country, their integration processes, and potential outlooks. The examination goes beyond the distinction related to migratory or ancestral ties to Latin American countries to ascertain contrasts within and among groups. Thus, beyond contrast among Mexicans and Salvadorans, for example, students will explore differences within each of these two groups. Topics such as social mobility, educational attainments, labor force participation, and political involvement are some of many options students will be able to select for their research projects.

LLAS-361. Queer Latin American Narrative And Film. 3 Hours.

This course explores the representation of sexual diversity and gender nonconformity in Latin American cultural production (narrative and film) from a perspective informed by feminist theory, LGBT studies and queer theory. Students critically engage these theoretical paradigms while developing research skills and proficiency in oral and written expression through class assignments, including a final research paper.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

LLAS-391. Internship In Latina/o & Latin American Studies. 3 Hours.

This capstone course is an opportunity for students to culminate their Latino studies concentration with an internship tailored to enhance their understanding of social and political life of Latinos. The internship will be an intense course that will give students the opportunity to apply the knowledge and skills developed over the course of their undergraduate career to an actual work setting. Students should expect to work closely with site supervisor, others at internship site, seminar classmates, and Professor.

Prerequisites: LLAS-101 (<http://catalog.neiu.edu/search/?P=LLAS-101>) minimum grade of C and LLAS-201 (<http://catalog.neiu.edu/search/?P=LLAS-201>) minimum grade of C and LLAS-290 (<http://catalog.neiu.edu/search/?P=LLAS-290>) minimum grade of C.

LLAS-392. Internship In Latin American Studies. 3 Hours.

This capstone course is an opportunity for students to culminate their Latin American studies concentration with an internship tailored to enhance their understanding of social and political life of Latin Americans. The internship will be an intense course that will give students the opportunity to apply the knowledge and skills developed over the course of their undergraduate career to an actual work setting. Students should expect to work closely with site supervisor, others at internship site, seminar classmates, and Professor.

Prerequisites: LLAS-101 (<http://catalog.neiu.edu/search/?P=LLAS-101>) minimum grade of C and LLAS-201 (<http://catalog.neiu.edu/search/?P=LLAS-201>) minimum grade of C and LLAS-290 (<http://catalog.neiu.edu/search/?P=LLAS-290>) minimum grade of C.

LLAS-393. Independent Studies In Latino & Latin American Studies. 3 Hours.

Academic credit for special research project student conducts with individual guidance from a faculty member. Projects that could be completed in an established course are not appropriate for Independent Study. Student must submit project proposal to the faculty member in the semester prior to the one in which the project is to be conducted. Independent Study requires approval of instructor, coordinator of program, department chair and college dean.

Prerequisites: LLAS-101 (<http://catalog.neiu.edu/search/?P=LLAS-101>) minimum grade of C and LLAS-201 (<http://catalog.neiu.edu/search/?P=LLAS-201>) minimum grade of C and LLAS-290 (<http://catalog.neiu.edu/search/?P=LLAS-290>) minimum grade of C.

Leadership (LEAD)

Courses

LEAD-333. School Law For Teachers. 3 Hours.

Provides K-12 teachers and prospective teachers with an understanding of the impact of the legal processes on schools. Attention is given to current issues and their implications for classroom teachers. Topics include: the legal system, sources and levels of law, contracts, tenure, records, collective bargaining, copyright, academic freedom, tort liability, student and teacher rights, discrimination and handicap issues.

LEAD-401. Instructional Leadership. 3 Hours.

An analysis of the basic determinants of curriculum PreK-12. Emphasis on significant psychological theories and development, learning and motivation for curricula development including impact of sociological, cultural, and ethnic factor. Special education programs are included. Methods are outlined for evaluating the effectiveness of curricula and programs. Roles and responsibilities of an instructional leader are highlighted as well as a focus on the improvement of instruction for school improvement and student achievement for all.

Prerequisites: LEAD-421 (<http://catalog.neiu.edu/search/?P=LEAD-421>) minimum grade of B and LEAD-424 (<http://catalog.neiu.edu/search/?P=LEAD-424>) minimum grade of B.

LEAD-413. Human Relations And Leadership. 3 Hours.

Study of basic concepts and principles of interpersonal relationships, communications, group interaction, and leadership and effectiveness. Emphasis on theory, application and skill development. Students will observe and assess interpersonal, group and organizational dynamics with attention to cultural factors and development of effective interaction and problem-solving skills.

LEAD-415. Historical And Philosophical Perspectives In Higher Education. 3 Hours.

LEAD-421. Educational Leadership And Organizational Studies. 3 Hours.

This course is designed to introduce the student to the field of educational leadership and management. The purpose of the course is to assist future educational leadership professionals to understand the philosophical, historical and organizational underpinnings of educational leadership. It provides students with a theoretical framework on which to develop and implement sound practical applications and decisions in the educational leadership tasks of communicating, planning, organizing, supervising, leading and evaluating strategies designed to build up highly effective learning communities. Further, it prepares the student to pursue alternative routes to excellence by understanding current education's challenges and by choosing the most successful leadership, management, motivational and decision-making strategies for a constantly changing educational environment.

LEAD-422. The Principalship. 3 Hours.

The Principalship is an examination of PK-12 schools with an emphasis upon the transforming instructional leadership and school improvement roles of the principal to enhance student learning for all students. The course focus is on practical problem solving through working collaboratively and transformatively with staff through creating a vision of leadership and learning, developing a positive school culture, managing the school and interacting with the external school environment.

Prerequisites: LEAD-421 (<http://catalog.neiu.edu/search/?P=LEAD-421>) minimum grade of B and LEAD-424 (<http://catalog.neiu.edu/search/?P=LEAD-424>) minimum grade of B.

LEAD-424. Introduction To Evaluation Of Certified & Support Staff. 3 Hours.

An analysis of the components of supervisory behavior in education and their influence upon the participants in the process of supervision; human and technical skills in personnel management; organizational factors affecting the performance of the supervisor; problematic areas within educational institutions and their influence upon supervisory behavior. Practical aspects of program and personnel evaluation; improvement of school learning climate and academic achievement will be emphasized as they relate to school reform and both multicultural and exceptional populations.

LEAD-425. Advanced Techniques In The Supervision And Evaluation Of Professional Staff. 3 Hours.

The main focus of this course is to provide an in-depth analysis of advanced techniques in the supervision and evaluation of K-12 professional personnel. The course builds upon the concepts of LEAD-424 (<http://catalog.neiu.edu/search/?P=LEAD-424>) to develop effective and legally formative and summative evaluations. The evaluation functions of monitoring curriculum fidelity, directing personnel for improvement, making personnel decisions and working with incompetent personnel provide a framework for applying course content for k-12 settings.

LEAD-428A. Seminar In Educational Administration: Educational Decision-Making. 3 Hours.

The purpose of LEAD-428A (<http://catalog.neiu.edu/search/?P=LEAD-428A>) is to provide an in-depth analysis of problems and issues associated with program evaluation and school improvement for school leaders.

Prerequisites: LEAD-421 (<http://catalog.neiu.edu/search/?P=LEAD-421>) minimum grade of C and LEAD-424 (<http://catalog.neiu.edu/search/?P=LEAD-424>) minimum grade of C.

LEAD-428B. Seminar In Educational Administration: Administrative Theory And Practical Application. 3 Hours.

The focus of this course is to explore the area of professional development as a vehicle for building capacity in your institution. As an educational leader you will be instrumental in designing or selecting opportunities for professional development as well as evaluating the success of those efforts.

Prerequisites: LEAD-424 (<http://catalog.neiu.edu/search/?P=LEAD-424>) minimum grade of C and LEAD-421 (<http://catalog.neiu.edu/search/?P=LEAD-421>) minimum grade of C.

LEAD-428F. Seminar In Educational Leadership In The Middle School. 3 Hours.

The purpose of this course is to provide an in-depth study of the theory, research and best practices to support contemporary issues in middle level leadership. The course will focus on developing and leading middle level education that meets the diverse needs of emerging adolescents through mission development, program improvement, curriculum assessment, improvement of teaching and learning, staff development and more.

Prerequisites: LEAD-421 (<http://catalog.neiu.edu/search/?P=LEAD-421>) minimum grade of C and LEAD-424 (<http://catalog.neiu.edu/search/?P=LEAD-424>) minimum grade of C.

LEAD-429. Research Design & Analysis Of Educational Data. 3 Hours.

This course develops administrative skills in research design including program statements, hypothesis formulation, population/sample collection, data collection, statistical analysis and interpretation. Quantitative and qualitative research designs will be examined as they relate to effective schools, improving student achievement and administrative research.

Prerequisites: LEAD-421 (<http://catalog.neiu.edu/search/?P=LEAD-421>) minimum grade of B and LEAD-424 (<http://catalog.neiu.edu/search/?P=LEAD-424>) minimum grade of B.

LEAD-430. Thesis Seminar. 3 Hours.

This course provides guidance in the preparation and submission of a master of arts thesis under the supervision of faculty. It will extend the student's knowledge of standard techniques in the collection and analysis of data and facilitate the development of skills in advanced research design for possible future study at the doctoral level.

LEAD-431. School & Community Relations. 3 Hours.

The purpose of this course is to provide a forum for the transfer of theory to practice in the area of school-community relations. Additionally a teacher-as-researcher model and community-based research pedagogy are required in order to assist prospective school leaders in investigating their local school communities and increase their leadership skills. Effective school-community relationships begin at home facilitated by skillful leaders who have effective communication, research, collaborative and problem solving skills. These skills form bonds between schools and the local and global communities.

LEAD-432. School Finance & Budgeting. 3 Hours.

The goal of the course is to enable a student to demonstrate an understanding of school finance and related issues and to apply that knowledge in hypothetical school leadership situations. The content includes local, state and federal revenue sources, the legal and political settings that influence school finance, budgeting processes, revenue and expenditure management, research on the relationship of expenditures to achievement, the characteristics of a financially healthy school district, the operation of support services and measures to protect school funds and property.

Prerequisites: LEAD-421 (<http://catalog.neiu.edu/search/?P=LEAD-421>) minimum grade of B and LEAD-424 (<http://catalog.neiu.edu/search/?P=LEAD-424>) minimum grade of B.

LEAD-433. School Law & Ethics. 3 Hours.

This course studies the legal and ethical issues as related to practical problems of school administration. Constitutional provisions and court decisions are examined as they impact education. Issues of ethics pertaining to legal tenets will be integrated throughout the semester.

Prerequisites: LEAD-421 (<http://catalog.neiu.edu/search/?P=LEAD-421>) minimum grade of B and LEAD-424 (<http://catalog.neiu.edu/search/?P=LEAD-424>) minimum grade of B.

LEAD-434. Internship I. 3 Hours.

The major purpose of the internship is to comply with Illinois PA 96-903 and to provide the student with a supervised experience in the roles and responsibilities associated with the principalship in Pre-K through grade 12 during the course of a year. Each student will participate in administrative activities related to instructional leadership and school management. The three internships, LEAD-434 (<http://catalog.neiu.edu/search/?P=LEAD-434>), LEAD-435 (<http://catalog.neiu.edu/search/?P=LEAD-435>) and LEAD-437 (<http://catalog.neiu.edu/search/?P=LEAD-437>), are defined as all the experiences that result from applying the strategic, instructional, organizational, and contextual leadership guidelines in a workplace. This course is the first internship experience.

Prerequisites: LEAD-421 (<http://catalog.neiu.edu/search/?P=LEAD-421>) minimum grade of B and LEAD-424 (<http://catalog.neiu.edu/search/?P=LEAD-424>) minimum grade of B.

LEAD-435. Internship II. 3 Hours.

The purpose of this internship is to continue the instructional leadership and school management Pre-K through grade 12 tasks and experiences as described in the school intern's contract and developed in LEAD-434 (<http://catalog.neiu.edu/search/?P=LEAD-434>). This is the second internship experience.

Prerequisites: LEAD-421 (<http://catalog.neiu.edu/search/?P=LEAD-421>) minimum grade of B and LEAD-424 (<http://catalog.neiu.edu/search/?P=LEAD-424>) minimum grade of B.

LEAD-436. Human Resources Administration In Education. 3 Hours.

This course provides a general understanding of the personnel functions in educational settings. Decision-making and problem-solving will be emphasized. The functions of planning, recruitment, selection, placement, induction, staff development, motivation, compensation, performance, appraisal, negotiations and dismissal are included.

Prerequisites: LEAD-421 (<http://catalog.neiu.edu/search/?P=LEAD-421>) minimum grade of B and LEAD-424 (<http://catalog.neiu.edu/search/?P=LEAD-424>) minimum grade of B.

LEAD-437. Internship III. 3 Hours.

The purpose of this internship is to continue the instructional leadership and school management Pre-K through grade 12 tasks and experiences as described in the school intern's contract and developed in LEAD-434 (<http://catalog.neiu.edu/search/?P=LEAD-434>), and LEAD-435 (<http://catalog.neiu.edu/search/?P=LEAD-435>). This is the third internship experience.

Prerequisites: LEAD-421 (<http://catalog.neiu.edu/search/?P=LEAD-421>) minimum grade of B and LEAD-424 (<http://catalog.neiu.edu/search/?P=LEAD-424>) minimum grade of B.

LEAD-438. Collective Negotiations. 3 Hours.

The development and establishment of collective bargaining within the educational enterprise: the public and private sectors; in elementary-secondary education and colleges and universities; historical, sociological and legal perspectives; some consideration and evaluations of various issues (including tactics and process) concepts and current problems.

LEAD-441. Independent Study In Educational Administration. 1 Hour.**LEAD-445. Practicum In School Business Management. 3 Hours.**

The purpose of the practicum is to provide the student with supervised experiences in the functions and duties of a school business official. The student is required to participate in activities related to finance, purchasing, planning and business management.

LEAD-447. Introduction To School Business Management. 3 Hours.

Provides a general understanding of the various task areas involved in the field of school business management including financial control, maintenance of buildings and grounds, maintenance of inventories, purchasing and bidding, transportation, insurance, personnel and office management, lunch programs and administrative relationships.

LEAD-448. School Business Management II. 3 Hours.

Incorporates principles of school fund accounting including a study of budgeting, personnel and payroll administration, auditing and reporting expenditures and receipts, assets and liability accounting, capital asset planning and management, cash management, bonded indebtedness, analysis of statements of position and extracurricular funds.

LEAD-470. Administrative Use Of The Microcomputer. 3 Hours.

An examination of the use of micro-computers in education administration and supervision. Topics include: Introduction to computers, overview of principles underlying computer-assisted instruction and computer-managed instruction, overview and use of available software, internal monitoring and program evaluation and elementary programming.

LEAD-480. The Community College. 3 Hours.

Provides the student with theoretical and practical knowledge about the philosophy, history, students, services, staff and organizational structure of the community college. National trends of the two year college will be analyzed.

LEAD-481. Community College Administration. 3 Hours.

Provides the student with practical knowledge about the day to day demands of administering the Community College. Stresses the importance of the Community College to the nation, state and local areas and how good administrators and administration can make a strong contribution to the proper and excellent performance of community colleges.

LEAD-490. Adult Learner. 3 Hours.

An examination of demographic changes fostering attention on adults as well as stages and phases of adult life and adult characteristics as a framework for effective planning, programming and marketing adult education.

LEAD-491. Foundations In Higher Education. 3 Hours.

This course provides students with knowledge of the historical development of higher education in the United States and its socio economic, political, legal and philosophical underpinnings. This course also provides students with an understanding of the structures and governance higher education in the U.S. Emphasis is given to current issues, opportunities and problems facing higher education and its stakeholders.

LEAD-492. Resources, Institutional Planning And Finance In Higher Education. 3 Hours.

This course prepares students to understand how institutions of higher education obtain and utilizes resources. It focuses on resource planning, policy development and implementation, and resource allocation. Topics include: institutional governance, research, marketing, budget development, financial allocation, environmental scans and oversight.

LEAD-493. The Law Of Higher Education. 3 Hours.

This course presents legal issues from the perspective of preventive law, policy development and implementation. Content includes the structure of the U.S. legal system, constitutional law, statute and case law. Topics include: affirmative action, employment law, intellectual property, due process, academic freedom, human-subjects research and collective negotiations.

LEAD-495. Practicum In Higher Education. 3 Hours.

This course consists of supervised experience in the functions and duties of leaders in higher education settings.

LEAD-496A. Seminar In Higher Education: The Non-Traditional Student. 3 Hours.

This course prepares the student to effectively meet the needs of the non-traditional students in higher education settings. Historical evolution and psychosocial factors impacting adult learners, development of student services, curriculum design issues and methods of building a sense of community among adult learners.

LEAD-496B. Seminar In Higher Education: The Problematic Pipeline - Latinos And Latinas In Higher Education. 3 Hours.

This course focuses on the contemporary Latino experience in the US educational system. It follows the growing numbers of Latinos with low high school completion rates and low levels of participation/completion in higher education. Emphasis is placed on the diversity of the experience by national origin, region of settlement, and gender as well as the histories of Latino immigration to the US compared to the receptions of other immigrants in history. Predominant theories of international immigration, relationships between the historical and contemporary context, immigration policy, and the adaptation of Latino immigrants in the United States are considered.

LEAD-496C. Seminar In Higher Education: Critical Policy Issues In Latino Higher Education. 3 Hours.

An analysis of the critical policy issues in Latino higher education as the US faces a growing increase in Latino college-enrollment (the largest minority), yet with low retention and a scarce presence in higher education discourse. Due to this increase, an exploration of ways to prepare postsecondary institutions for this and the role of more Latinos in the academy is explored. Including: the role of community colleges and four-year institutions in meeting this demand, understanding the historical processes and cultural differences of Latinos in the US, understanding various modes of thought, concerns and methodologies regarding Latino higher education.

LEAD-496D. Seminar In Higher Education: Current Global Issues & The Latino Community. 3 Hours.

This course provides an introduction to the cross-cultural, cross-national study of educational institutions and their relationship to society. This cross-national comparison of educational practices occurs in light of cultural, social organization, economic, political, and historical differences with a key goal being further development of understanding how perspectives on education in the United States have been shaped.

Leisure Studies (LEST)

Courses

LEST-201. Principles And Practices Of Recreation And Leisure. 3 Hours.

Linguistics (LING)

Courses

LING-109. First Year Experience: Language And Diversity In Chicago. 3 Hours.

Hands-on research, using Chicago's rich diversity of languages in contact as a laboratory, will enable you to understand the mechanisms, dynamics and manipulations of language and language use. Students will explore the following questions: What is language? What makes it universal? What makes it unique? How can it be used as a tool? How does it unite or divide? What is language contact and how does it affect you? What is the relationship between language and identity? What is language diversity and what brings it about? How does an awareness of language make you a stronger, more confident communicator?.

LING-110. Lexicology: The Study Of Words. 3 Hours.

Introduction to the study of words, with particular attention to English from an historical, structural and sociolinguistic perspective. This course meets one of the Humanities requirements of the General Education Program.

LING-120. Language And Human Behavior. 3 Hours.

Introduction to basic principles of psycholinguistics and sociolinguistics. Subjects covered may include dialect variation, language and the brain, child language acquisition, language and gender, conversational analysis, non-verbal behavioral, pidgins and creoles, and sign language. The course is designed for students having no background in linguistics. This course meets one of the Humanities requirements of the General Education Program as well as the Improving Human Relations requirement.

LING-201. Introduction To General Linguistics. 3 Hours.

Nature and structure of languages and American English in particular. An overview of the description of language systems in terms of phonology (sound systems), morphology (word formation) and syntax (sentence organization). May also include an introduction to the areas of semantics (word meaning), pragmatics (the rules of the use of language in social contexts and conversation), and dialectology (cultural and geographical varieties of language use), and a look at the history of English and its relationship to other languages.

LING-300. English Grammar In The Classroom. 3 Hours.

This course introduces the basics of sentence structure in English with the purpose of enabling future teachers to teach English grammar successfully in a multicultural classroom. To this end, students will learn forms and functions of spoken and written English and learn grammatical terminology. They will also investigate issues related to standard and non-standard varieties of English and to the relationship between grammar and language instruction.

Prerequisite: LING-120 (<http://catalog.neiu.edu/search/?P=LING-120>) minimum grade of C or LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C.

LING-301. History Of The English Language. 3 Hours.

Historical descriptive linguistic survey of English from its origins to modern English.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C.

LING-302. Theory Of Grammar. 3 Hours.

LING-303. Grammars Of English. 3 Hours.

A descriptive and historical analysis of English grammar.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C.

LING-304. Introduction To Phonetics & Phonology. 3 Hours.

This class provides a foundation in the acoustic and articulatory properties of the sounds used in human languages and introduces theories about the systematic variation of sounds in ordinary speech. Through reading, problem solving and class discussion, students become familiar with basic phonetics, the analysis of sounds into features, both rule-based and constraint-based theories of sound variation, and the structure of sound at the segment, syllable and phrase levels. Prereq: or consent of instructor.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C.

LING-310. Historical/Comparative Linguistics. 3 Hours.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C.

LING-316. Languages And Cultures: Middle East. 3 Hours.

This courses introduces students to the languages, cultures, values, preconceptions and misconceptions associated with the region known as the Middle East. A variety of sources, including academic texts, articles, fiction, poetry, film and the visual arts are incorporated to better grasp and appreciate the complex of languages and cultures of the region. Check the current schedule for the focus country. By permission of instructor.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C or LING-322 (<http://catalog.neiu.edu/search/?P=LING-322>) minimum grade of C or ANTH-212 (<http://catalog.neiu.edu/search/?P=ANTH-212>) minimum grade of C or HIST-111F (<http://catalog.neiu.edu/search/?P=HIST-111F>) minimum grade of C or HIST-391 (<http://catalog.neiu.edu/search/?P=HIST-391>) minimum grade of C.

LING-320G. Language And Culture: Aboriginal Australia. 3 Hours.

This course focuses on the languages and cultures of Aboriginal Australia. It will examine a number of different linguistic features (phonological, morphological, and syntactic) found in a variety of Australian languages. In Addition to structural features, the course will examine Aboriginal languages and their interaction within the social and cultural setting of traditional life as well as issues involving language and cultural contact with European powers.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C.

LING-320N. Language And Culture: Native American. 3 Hours.

This course focuses on the languages and cultures of Native America. It will examine a number of different linguistic features (phonological, morphological, and syntactic) found in a variety of North American languages. In addition to structural features, the course will examine languages and their interaction with social and cultural domains as well as issues of language contact.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C.

LING-322. Introduction To Sociolinguistics. 3 Hours.

A look at language variation based on social contexts. Includes ethnic, regional and social dialects, language and gender, and pidgin and creole language systems.

LING-323. First & Second Language Acquisition. 3 Hours.

Survey of recent theories and research on children's acquisition of phonological, morphological, syntactic, semantic, and pragmatic systems of their first language. Survey of recent theories and research on second language acquisition.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C.

LING-326. Narratives Of The Jewish Experience. 3 Hours.

This course focuses on stories told in contemporary Jewish communities as illustrative of the Jewish experience. Narrative is both representative and constructive of life experience, memory, and identity. We will listen to and analyze stories collected by others and available to wide audiences, and to stories we collect through interactions and interviews. Analyses will be conducted within a narratological framework that blends discursive and psycho-analytic theory and practice. Students will gather oral narratives from family members, community members, political and religious leaders, and educators with the goal of analyzing how stories both reveal and construct personal and social identities.

LING-337. Ethnography Of Communication. 3 Hours.

This course adopts ethnographic methodology to explore the acquisition and performance of communicative competence in a variety of professional settings. The concept of communicative competence has its origins in the field of sociolinguistics - the branch of linguistics that studies the relationship between language and culture or, as sometimes defined, language in society. Key to one segment of sociolinguistic research and practice is the field of ethnography of communication, initiated by anthropological linguist Dell Hymes and John Gumperz. Ethnography of communication focuses on identifying and analyzing "the situations and uses, the patterns and functions of speaking as an activity in its own right" (Hymes 1974). In so doing, the theory and application of this field focuses on identifying the norms of appropriate language use in interaction in given social domains.

Prerequisite: LING-322 (<http://catalog.neiu.edu/search/?P=LING-322>) minimum grade of B.

LING-338. Introduction To Syntactic Theory. 3 Hours.

Following the ground work established over the past 15 years, this course will introduce students to modern syntactic theory as practiced within the Minimalist Program. An emphasis will be placed on the methodological and theoretical achievements of this area of research as developed in the past decade. Students will further examine the notions of functional and lexical projections, empty categories, feature checking operations, various kinds of movement and merge operations, and locality constraints.

Prerequisites: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of B and LING-303 (<http://catalog.neiu.edu/search/?P=LING-303>) minimum grade of B.

LING-344. Linguistics And Reading. 3 Hours.

Relationship between language and structure and the reading process with emphasis on the practical problems such as the variety of dialectically different sound-symbol-correspondences in English, the perception of speech sounds, the reader's interpretation of syntactic and semantic structures, various alphabetic systems for teaching beginning reading, and an analysis of linguistic texts for teaching reading. Designed to be useful to the in-service classroom teacher as well as to undergraduates.

LING-347. The Origin Of Language. 3 Hours.

Organized as a seminar, this course discusses recent theories concerned with how, when and why language appeared in the human lineage. Students are introduced to scholarship from a range of fields including linguistics, cognitive science, philosophy, anthropology, primatology and evolutionary biology to address questions including: What is language? What cognitive and social preconditions underlie it? What are the similarities and differences between human language and other animals' communication systems? What language-specific biological wiring may exist at the core of the human language faculty? How was language adaptive for those humans? Did language emerge relatively recently and suddenly, or gradually over millions of years? Permission of instructor required.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C or BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C or ANTH-212 (<http://catalog.neiu.edu/search/?P=ANTH-212>) minimum grade of C or ANTH-215 (<http://catalog.neiu.edu/search/?P=ANTH-215>) minimum grade of C.

LING-361. Introduction To World Englishes. 3 Hours.

Examination of issues involved in the development, spread, and maintenance of varieties of English throughout the world, now commonly referred to as Global or World Englishes. This course emphasizes the historical, political, and ideological issues of globalization, nativization, post-colonialism, standardization, and pedagogy of native and non-native varieties of English.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C.

LING-362. Linguistics And Literature. 3 Hours.

This course presents an introduction to linguistic and discourse-analytic approaches to style in literary works. The study of literary language, most typically the domain of courses in literature, is also undertaken by linguists for the obvious reason that literature, as language, is composed of the structures and used for the functions that are the focus of formal and applied linguistic analysis. Linguistics and Literature focuses on the stylistic use of phonological, morphological, syntactic and semantic features; paralinguistic features of intonation, pitch, rhythm, stress, loudness, and speed; and speech acts and pragmatic conventions of indirectness; entailment, presupposition, implication, and persuasion. By permission of instructor.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C.

LING-363. Graphic Narratives: Literary, Cultural, And Linguistic Approaches. 3 Hours.

This course situates the graphic narrative as a complex, cultural form that deserves academic attention. Together, we will analyze how images and words interact in graphic narratives to create new identity formations, new cultural meanings, new knowledge webs, new histories, and new narratives.

Prerequisite: LING-120 (<http://catalog.neiu.edu/search/?P=LING-120>) minimum grade of C or LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C.

LING-391F. Advanced Grammatical Analysis: Mandan. 3 Hours.

This is a course in advanced linguistic analysis. It focuses on the extremely endangered Siouan language, Mandan. Students will learn how to do linguistic research through a critical analysis of existent Mandan texts and explore various aspects of Mandan grammar. Topics may include any aspect of morphology, syntax, or narrative discourse structure.

Prerequisites: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of B and LING-303 (<http://catalog.neiu.edu/search/?P=LING-303>) minimum grade of B and LING-322 (<http://catalog.neiu.edu/search/?P=LING-322>) minimum grade of B.

LING-391N. Advanced Grammatical Analysis: Biloxi. 3 Hours.

This is a course in advanced linguistic analysis. It focuses on the extinct Siouan language, Biloxi. Students will learn how to do linguistic research through a critical analysis of existent Biloxi texts and explore various aspects of Biloxi grammar. Topics may include any aspect of morphology, syntax, or narrative discourse structure.

Prerequisites: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of B and LING-303 (<http://catalog.neiu.edu/search/?P=LING-303>) minimum grade of B and LING-322 (<http://catalog.neiu.edu/search/?P=LING-322>) minimum grade of B.

LING-391O. Advanced Grammatical Analysis: Crow. 3 Hours.

This is a course in advanced linguistic analysis. It focuses on the endangered Siouan language, Crow. Students will learn how to do linguistic research through a critical analysis of existent Crow texts and explore various aspects of Crow grammar. Topics may include any aspect of morphology, syntax, or narrative discourse structure.

Prerequisites: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of B and LING-303 (<http://catalog.neiu.edu/search/?P=LING-303>) minimum grade of B and LING-322 (<http://catalog.neiu.edu/search/?P=LING-322>) minimum grade of B.

LING-401. Fundamentals Of Modern Linguistics. 3 Hours.

Overview of language as a rule-governed system, with particular emphasis on the following subfields of linguistics: phonetics (the sounds of a language), phonology (the functioning and patterning of sounds), morphology (the analysis of word structure), syntax (the analysis of sentence structure), and semantics (the analysis of meaning). This course will also give a historical overview of the field of linguistics. Other topics may include historical linguistics, language typology, pragmatics, sociolinguistics, the brain and language, and computational linguistics. By permission of instructor.

LING-405. Typology. 3 Hours.

Typology studies the similarities and differences among human languages. We observe which categories (such as noun, verb, past) and which structures (such as questions, passive, causative) are universal, common or rare among the world's languages and how they are crosslinguistically similar and different. We then ask why languages seem to prefer some categories and constructions over others and what that might say about the human capacity for language. Through reading, problem solving and fieldwork, students learn about these language structures and discuss proposed explanations for why languages are the way they are.

LING-422. Phonetics & Phonology. 3 Hours.

This class provides a foundation in the acoustic and articulatory properties of the sounds used in human languages and introduces theories about the systematic variation of sounds in ordinary speech. Through reading, problem solving and class discussion, students become familiar with basic phonetics, the analysis of sounds into features, both rule-based and constraint-based theories of sound variation, and the structure of sound at the segment, syllable and phrase levels. By consent of instructor.

Prerequisite: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C.

LING-427. Morphology. 3 Hours.

The goal of morphology is to understand word structure and speakers' implicit knowledge of the components of words and their properties. By looking at data from many languages, students will become familiar with morphological processes such as derivation, inflection, compounding, incorporation and cliticization and with various proposals to account for word structure in languages. By consent of instructor.

Prerequisite: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C.

LING-430C. Structure Of Language: Lakhota. 3 Hours.

Lakhota is a member of the Mississippi Valley branch of the Siouan Language family. The language is an agglutinating one with many synthetic characteristics. This course will examine the structure of the Lakhota language, focusing on the phonology, morphology, and syntax of the language. This will be accomplished by reading and comparing a number of grammars and sketches as well as examining original Lakhota texts.

Prerequisites: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C and LING-422 (<http://catalog.neiu.edu/search/?P=LING-422>) minimum grade of C and LING-437 (<http://catalog.neiu.edu/search/?P=LING-437>) minimum grade of C.

LING-433. Lexicography. 3 Hours.

Review of the problems and trends of word study in the past, especially the notions surrounding the concepts of authority and usage of language: scrutiny of the various types and sources of English vocabulary; recent linguistic insights considered in the light of their value for various kinds of handbooks.

Prerequisite: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C.

LING-435. Semantics. 3 Hours.

What is meaning? How does word meaning contribute to sentence meaning? How are sentences semantically related to each other? How do words and sentences connect to the world and our thoughts about it? This course introduces the basic principles of semantics and how they are applied to a scientific analysis of meaning in language. Topics covered include the components of word meaning, the composition of words into sentence meaning, logic and truth conditions, lexical semantics, formal semantics and the pragmatic effects of context on meaning.

Prerequisites: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C and LING-437 (<http://catalog.neiu.edu/search/?P=LING-437>) minimum grade of C.

LING-437. Introduction To Generative Grammar. 3 Hours.

This course introduces the study of sentence structure in natural language, with a goal of characterizing the unconscious knowledge that speakers have for recognizing, producing and interpreting any sentence in their language. Working within a Chomskyan generative approach, students analyze data in English and other languages to become familiar with issues such as constituent structure, argument structure and theta roles, case, movement and empty categories. Emphasis is placed on theory building and generalizing particular solutions to what might be universals about sentence grammar.

Prerequisite: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C.

LING-438. Syntax. 3 Hours.

This advanced course builds on Ling 437, reviewing basic principles of syntax and investigating them in greater detail. Students are introduced to recent literature on syntax, mostly within a generative perspective, but the strategy of the class is also to have students explore issues, analyze data and come up with their own proposals to various problems under Minimalist assumptions. The class also emphasizes theory building and justifying many assumptions that underlie syntactic theory. Topics include clause structure, noun phrase structure and the interface between syntax and semantics.

Prerequisites: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C and LING-437 (<http://catalog.neiu.edu/search/?P=LING-437>) minimum grade of C.

LING-440. Linguistics And Literacy. 3 Hours.

Differences between spoken and written languages; the functions of writing in a literate society; writing systems with particular reference to English orthography; current psycholinguistic research on the acquisition of written language skill; pedagogical implications of linguistic views on literacy.

Prerequisite: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C.

LING-446. Sociolinguistics. 3 Hours.

Sociolinguistics examines ways in which language practices of individuals and communities vary in relation to social, cultural, and individual factors. This course explores topics such as language and identity, language contact, social and regional dialectology, interactional discourse, ethnography of communication, and language and gender.

LING-447. The Origin Of Language. 3 Hours.

The course introduces theorizing about how, when and why language appeared in humans, by considering evidence from linguistics, anthropology, cognitive science, philosophy, primatology and evolutionary biology. The course asks four broad questions: Did language appear gradually or suddenly? Did it appear recently or millions of years ago? How was language adaptive for the individuals who had it? What conditions were necessary for language to appear? Caution: this course is NOT about historical linguistics, the study of language change through time. This course looks at how language evolved in the species.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C or LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C or BIO-201 (<http://catalog.neiu.edu/search/?P=BIO-201>) minimum grade of C or ANTH-212 (<http://catalog.neiu.edu/search/?P=ANTH-212>) minimum grade of C or ANTH-215 (<http://catalog.neiu.edu/search/?P=ANTH-215>) minimum grade of C.

LING-448. Discourse Analysis. 3 Hours.

Discourse analysis examines the structuring and use of language to promote social action - i.e. language produced in recognition of and response to its role in society and effects on others. Theory and research focus on gathering and analyzing naturally-occurring texts to gain understanding of the patterns of social action they respond to and initiate. Research explores spoken, written, and visual texts and sociolinguistic aspects of the relationship between languages, cultures, and individuals. Students will come to understand that identity - personal, social, national - as well as ideology - are constructed by and, in turn, serve to construct interactional discourse.

Prerequisites: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C and LING-437 (<http://catalog.neiu.edu/search/?P=LING-437>) minimum grade of C and LING-446 (<http://catalog.neiu.edu/search/?P=LING-446>) minimum grade of C.

LING-449. Anthropological Linguistics. 3 Hours.

Combining the theory and methodology of the ethnographic analysis of culture with the theory and methodology of the sociolinguistic analysis of contextualized talk and text, this course examines the social practice of language in use within and across cultures. Through collection and analysis of naturally-occurring culturally-grounded data, students will identify and come to appreciate how language structures and reveals the systems that both influence and expose cultural knowledge. Students can apply their awareness to culturally-bounded events in settings such as education, corporations, families, and the world at large.

Prerequisites: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C and LING-437 (<http://catalog.neiu.edu/search/?P=LING-437>) minimum grade of C and LING-446 (<http://catalog.neiu.edu/search/?P=LING-446>) minimum grade of C.

LING-450. First Language Acquisition. 3 Hours.

In this course we examine the stages through which a child passes towards native language mastery of the phonological, morphological, syntactic, and semantic systems. Various theories which attempt to account for the child's ability to acquire language will be considered in light of the context of monolingual and bilingual language acquisition.

Prerequisite: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C.

LING-452. Psycholinguistics. 3 Hours.

Theoretical studies in the area of linguistics and psychology; possible implications of the form of grammar for the language learning process; survey of relevant research.

Prerequisite: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C.

LING-453. Language Contact. 3 Hours.

This course examines language contact as a sociolinguistic phenomenon and articulates its impact on individuals and society. It focuses on issues such as language choice, language maintenance and language death in multilingual communities, national and individual identity, the structure, function and impact of codeswitching, and controversial issues such as bilingual language acquisition and the relationship between bilingualism and cognitive, linguistic and social development.

Prerequisites: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C and LING-437 (<http://catalog.neiu.edu/search/?P=LING-437>) minimum grade of C and LING-446 (<http://catalog.neiu.edu/search/?P=LING-446>) minimum grade of C.

LING-454. Language and Identity. 3 Hours.

This course explores the role of language in the construction of identities and the significance of identity construction as a negotiated social action within language variation. The concept and construction of identity is investigated at the individual, community, and global levels. The focus of the course is on how these multi-leveled identities are developed and realized through the use of language. The course explores a wide range of theoretical and methodological perspectives on identity in mono- as well as multi-lingual contexts.

Prerequisite: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C or LING-446 (<http://catalog.neiu.edu/search/?P=LING-446>) minimum grade of C.

LING-461. Issues In Multiple Language Acquisition. 3 Hours.

This course examines how speakers of one dialect/language learn other dialects/languages. Going beyond the traditional research on second language acquisition, this course emphasizes the theoretical issues of the acquisition of phonology, morphology, syntax, semantics, and pragmatics in a third language. Also emphasized are the differences and similarities in learning a second dialect, which may be more difficult than second language acquisition for learners.

Prerequisites: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C and LING-422 (<http://catalog.neiu.edu/search/?P=LING-422>) minimum grade of C and LING-437 (<http://catalog.neiu.edu/search/?P=LING-437>) minimum grade of C.

LING-462. Lexical Acquisition. 3 Hours.

This course examines how language learners acquire/learn vocabulary. Going beyond the traditional research on second language acquisition, this course focuses solely on the theoretical issues of lexical acquisition. Though the primary emphasis is on the acquisition of vocabulary in a second or third language, first language vocabulary acquisition will also be discussed.

Prerequisites: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C and (LING-427 (<http://catalog.neiu.edu/search/?P=LING-427>) minimum grade of C or LING-435 (<http://catalog.neiu.edu/search/?P=LING-435>) minimum grade of C).

LING-471. World Englishes. 3 Hours.

Examination of issues involved in the development and maintenance of varieties of English throughout the world, now commonly referred to as World Englishes. Specifically, this course emphasizes the historical, political, and ideological issues of post-colonialism, globalization, nativization, standardization, hegemony, canon, and pedagogy of native and non-native varieties of English.

Prerequisites: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C and LING-446 (<http://catalog.neiu.edu/search/?P=LING-446>) minimum grade of C.

LING-472. American English - History And Growth. 3 Hours.

Phonology, morphology, syntax, lexicon of English in the United States as well as its cultural history with reference to the mother country and the New World, both in colonial and post-revolutionary times.

Prerequisite: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C.

LING-473. The English Language - History And Development. 3 Hours.

Survey of English phonology, morphology, syntax, lexicon and cultural history through Old English, Middle English, early Modern English and recent Modern English, using literary documents for the older periods, and literary as well as spoken records for the most recent times.

Prerequisite: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C.

LING-475. Historical & Comparative Linguistics. 3 Hours.

This course introduces students to the systematic comparison of languages to understand how languages change through time, and how they are thought to be related to one another and to their common ancestors. Students bring together the standard aspects of linguistics – the lexicon, morphology, phonology, syntax, and semantics – and see how these components of grammar changes over time. The course covers the history of the comparative method from the birth of modern linguistics and integrates modern theories about dialectology and sociolinguistics, and how language variation is related to language change. By consent of instructor.

Prerequisites: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C and LING-405 (<http://catalog.neiu.edu/search/?P=LING-405>) minimum grade of C and (LING-422 (<http://catalog.neiu.edu/search/?P=LING-422>) minimum grade of C or LING-427 (<http://catalog.neiu.edu/search/?P=LING-427>) minimum grade of C or LING-437 (<http://catalog.neiu.edu/search/?P=LING-437>) minimum grade of C).

LING-481. Language & Tourism. 3 Hours.

Advanced work and individual projects in language and tourism, a growing area of applied linguistics. Topics will include the sociolinguistics of tourism, social/identity construction of not only tourists but also of touristic locations, language use in tourism, discursive, visual semiotic, and ethnomethodological analyses of tourism materials.

Prerequisites: LING-446 (<http://catalog.neiu.edu/search/?P=LING-446>) minimum grade of C and LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C.

LING-482. Stylistics. 3 Hours.

Adopting theory and techniques of linguistic and discourse analysis, this course in stylistics focuses on the linguistic analysis of literary texts. Both in terms of their structure and their communicative functions, literary texts participate in the construction and presentation of nations, regional and social communities, and individuals. The language of literature -- including word choice, sentence structure, and paralinguistic cues -- functions to position characters and places by forging their identities. At the same, literary texts can be understood, in a social constructionist framework, to construct the identities of those who partake in their consumption. By consent of instructor.

Prerequisites: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C and LING-448 (<http://catalog.neiu.edu/search/?P=LING-448>) minimum grade of C.

LING-483. Field Methods In Linguistics. 3 Hours.

This course will introduce students to the goals and methods of linguistics research, including both qualitative and quantitative methodologies. Topics include the scientific method, data collection and transcription, corpus research, psycholinguistic research, field methods, argumentation, structuring of abstracts and research papers, APA vs. MLA style, conferences, ethical issues, professionalization, and interpretation of research articles.

LING-484. Language Endangerment And Documentation. 3 Hours.

This course focuses on language endangerment and documentation. It will look at issues of language shift and discuss how languages become endangered and lost. It will also discuss how languages are best documented and discuss how the field's Best Practices Guide has evolved.

Prerequisites: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C and LING-405 (<http://catalog.neiu.edu/search/?P=LING-405>) minimum grade of C and LING-422 (<http://catalog.neiu.edu/search/?P=LING-422>) minimum grade of C and LING-437 (<http://catalog.neiu.edu/search/?P=LING-437>) minimum grade of C.

LING-488. Languages & Cultures Of Iran. 3 Hours.

The language and culture of modern Iran are explored through academic readings, essays, autobiographies, and films as we delve into the question, Who are the Iranians? The languages and identities of this multilingual nation are explored through language variation, gender, age, class, and other social variables. Special attention is given to social and linguistic contact phenomena as we trace the history and evolution of the languages spoken in Iran and the communities who speak them. The structure and use of modern Farsi, along with its historical and social development will also be investigated.

Prerequisites: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C and LING-405 (<http://catalog.neiu.edu/search/?P=LING-405>) minimum grade of C and LING-437 (<http://catalog.neiu.edu/search/?P=LING-437>) minimum grade of C and LING-446 (<http://catalog.neiu.edu/search/?P=LING-446>) minimum grade of C.

LING-489. Linguistics In The Professions. 3 Hours.

Linguistics, defined as the scientific study of language, has both formal aims in describing the structural components of language and functional aims in applying understanding of these formal systems to addressing matters pertinent to interactional discourse, the presentation of self, and the co-construction of social and personal identity. Linguistics offers its graduates many varied opportunities for careers across numerous disciplines. This course offers students new to the field an introduction to many of those disciplines; as they continue their studies in our program, they can do so with the necessary schema for how they can apply what they learn.

LING-491E. Translation And Linguistic Analysis: Aleut. 3 Hours.

This course focuses on the translation of texts for a linguistic analysis of various aspects of the structure of the language in question. Students learn how to do a linguistic analysis of the target language focusing on some aspect of linguistics. The end project is a 15-20 page paper that can be presented at a professional conference. Students can focus on any area of the field of linguistics (these areas can include phonology, morphology, syntax, or discourse analysis).

Prerequisites: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C and LING-405 (<http://catalog.neiu.edu/search/?P=LING-405>) minimum grade of C and LING-422 (<http://catalog.neiu.edu/search/?P=LING-422>) minimum grade of C and LING-437 (<http://catalog.neiu.edu/search/?P=LING-437>) minimum grade of C.

LING-491F. Translation: Mandan. 3 Hours.

This course is an exercise in linguistic analysis. The Mandan language is an extremely endangered language comprising its own branch of Siouan. Employing a critical linguistic analysis of the existent texts, students will analyze some aspect of Mandan grammar. Topics can include any aspect of phonology, morphology, syntax, or discourse structure.

Prerequisites: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C and LING-405 (<http://catalog.neiu.edu/search/?P=LING-405>) minimum grade of C and LING-422 (<http://catalog.neiu.edu/search/?P=LING-422>) minimum grade of C and LING-437 (<http://catalog.neiu.edu/search/?P=LING-437>) minimum grade of C.

LING-491N. Translation: Biloxi. 3 Hours.

This course is an exercise in linguistic analysis. The Biloxi language is an extinct member of the Ohio Valley branch of Siouan. Employing a critical linguistic analysis of the existent texts, students will analyze some aspect of Biloxi grammar. Topics can include any aspect of phonology, morphology, syntax, or discourse structure.

Prerequisites: LING-401 (<http://catalog.neiu.edu/search/?P=LING-401>) minimum grade of C and LING-405 (<http://catalog.neiu.edu/search/?P=LING-405>) minimum grade of C and LING-422 (<http://catalog.neiu.edu/search/?P=LING-422>) minimum grade of C and LING-437 (<http://catalog.neiu.edu/search/?P=LING-437>) minimum grade of C.

LING-5901. Thesis Hours. 1 Hour.

Guidance of students conducting research and writing a thesis to fulfill the requirements for the Master of Arts degree in Linguistics. This course requires approval of the instructor, Department Chair and the appropriate College Dean(s). Students will have completed the 9 required courses with a B average or higher, and have obtained the approval of their graduate advisor before registering for the thesis hours.

LING-5902. Thesis Hours. 2 Hours.

See course description for LING-5901 (<http://catalog.neiu.edu/search/?P=LING-5901>).

LING-5903. Thesis Hours. 3 Hours.

See course description for LING-5901 (<http://catalog.neiu.edu/search/?P=LING-5901>).

Literacy Education (LTCY)

Courses

LTCY-301. Teaching Literacy In Junior & Senior High Schools. 3 Hours.

Explores theory, methodology and problems involved in teaching reading at the junior and senior high school levels. Emphasis is on developing a working definition of reading and comprehension, diagnosing and understanding individual needs of normally achieving and reading handicapped students. Assessment of reading, understanding the relationship between reading and learning in content areas and practical strategies for improving comprehension of school materials are considered. Prerequisite: Junior in standing.

LTCY-311. Fundamentals Of Literacy Instruction. 3 Hours.

An introduction to the teaching of reading; its nature, objectives, programs, materials and organizational strategies. Development and evaluation of reading skills and interests, provision for reading growth among all learners and improving reading in content areas are also discussed.

LTCY-402. Issues In Literacy Instruction. 3 Hours.

Discussion of selected issues in reading related to instructional methods, classroom assessment techniques, types of reading programs, and innovations and trends of reading instruction. Also included are the topics of readability, content area reading, utilization of research in reading, and alternatives for meeting the reading needs of the exceptional learner.

Prerequisite: LTCY-311 (<http://catalog.neiu.edu/search/?P=LTCY-311>) minimum grade of D or READ-311 minimum grade of D.

LTCY-501. Literacy Instruction In Elementary Grades. 3 Hours.

This course addresses the components that comprise a balanced, comprehensive approach to the development of literacy. Reading acquisition and early literacy as well as the continued development of literacy learning in a diverse society through the elementary grades are included. Candidates explore advanced methods and use of materials, including traditional print and digital media.

LTCY-502. Literacy Instruction In Content Areas In Secondary Grades. 3 Hours.

This course addresses the components of advanced literacy development with an emphasis on instructional approaches to foster literacy development in middle and high school levels in a diverse society, with a focus on literacy in the content areas and the specialized vocabulary needs of content area study. Advanced methods and the use of materials from traditional print as well as digital media are included.

LTCY-503. Theoretical Foundations Of Literacy Education. 3 Hours.

Candidates explore the historically shared knowledge of the literacy education profession and changes over time in the perceptions of reading and writing development, processes, and components. Candidates develop an understanding of major theories and empirical research that describe the cognitive, linguistic, motivational, and sociocultural foundations of reading and writing development, processes, and components.

Prerequisites: LTCY-501 (<http://catalog.neiu.edu/search/?P=LTCY-501>) minimum grade of C and LTCY-502 (<http://catalog.neiu.edu/search/?P=LTCY-502>) minimum grade of C or LTCY-513 (<http://catalog.neiu.edu/search/?P=LTCY-513>) minimum grade of C or (READ-416 minimum grade of C and READ-417 minimum grade of C or READ-440 minimum grade of C).

LTCY-504. Literature For Instruction In A Diverse Society. 3 Hours.

In this course, candidates explore appropriate instructional approaches to use authentic literature as the foundation for literacy instruction. The use of multicultural literature both in traditional print and in digital media to meet the needs of diverse student populations is emphasized.

Prerequisites: LTCY-501 (<http://catalog.neiu.edu/search/?P=LTCY-501>) minimum grade of C and LTCY-502 (<http://catalog.neiu.edu/search/?P=LTCY-502>) minimum grade of C and LTCY-513 (<http://catalog.neiu.edu/search/?P=LTCY-513>) minimum grade of C or LTCY-402 (<http://catalog.neiu.edu/search/?P=LTCY-402>) minimum grade of C or (READ-416 minimum grade of C and READ-417 minimum grade of C and READ-440 minimum grade of C or READ-402 minimum grade of C).

LTCY-505. Writing Instruction In Elementary Grades. 3 Hours.

Candidates explore effective instructional approaches to integrate reading and writing instruction effectively in kindergarten through grade 5 classrooms comprised of diverse student populations.

Prerequisite: LTCY-501 (<http://catalog.neiu.edu/search/?P=LTCY-501>) minimum grade of C or LTCY-402 (<http://catalog.neiu.edu/search/?P=LTCY-402>) minimum grade of C or (READ-416 minimum grade of C or READ-402 minimum grade of C).

LTCY-506. Writing Instruction In Middle & High School. 3 Hours.

Candidates explore instructional approaches to integrate reading and writing instruction effectively in middle- and secondary-level classrooms comprised of diverse student populations. Diverse structures and genres of writing in the content areas are emphasized.

Prerequisite: LTCY-502 (<http://catalog.neiu.edu/search/?P=LTCY-502>) minimum grade of C or LTCY-513 (<http://catalog.neiu.edu/search/?P=LTCY-513>) minimum grade of C or (READ-417 minimum grade of C or READ-440 minimum grade of C).

LTCY-507. Literacy Assessment And Instructional Planning. 3 Hours.

Candidates analyze and evaluate instruments and procedures used in assessing literacy development. Candidates will select and administer multiple assessment instruments for specific purposes, analyze and interpret the results for use in planning effective, comprehensive, balanced instruction for diverse groups of students. The use of assessment results to diagnose the needs of students in reading and writing and planning for interventional instruction will be emphasized.

Prerequisites: (LTCY-501 (<http://catalog.neiu.edu/search/?P=LTCY-501>) minimum grade of C or LTCY-502 (<http://catalog.neiu.edu/search/?P=LTCY-502>) minimum grade of C or LTCY-513 (<http://catalog.neiu.edu/search/?P=LTCY-513>) minimum grade of C) and (LTCY-505 (<http://catalog.neiu.edu/search/?P=LTCY-505>) minimum grade of C or LTCY-506 (<http://catalog.neiu.edu/search/?P=LTCY-506>) minimum grade of C) and LTCY-504 (<http://catalog.neiu.edu/search/?P=LTCY-504>) minimum grade of C.

LTCY-508. Practicum In Literacy Assessment & Intervention: Elementary Level. 3 Hours.

Candidates participate in a supervised clinical experience in assessing the literacy needs of students in grades K-5 who are struggling in reading and writing. Candidates gain expertise in the development and implementation of plans for intervention as well as progress monitoring. Candidates work with individual students as well as collaboratively with small groups of students. Candidates also engage in collegial coaching and a reflective professional seminar.

Prerequisite: LTCY-507 (<http://catalog.neiu.edu/search/?P=LTCY-507>) minimum grade of C or READ-407 minimum grade of C.

LTCY-509. Practicum In Literacy Assessment & Intervention: Middle Level. 3 Hours.

Candidates participate in a supervised clinical experience in assessing the literacy needs of students in grades 6-8 who are struggling in reading and writing. Candidates gain expertise in the development and implementation of plans for intervention as well as progress monitoring. Candidates work with individual students as well as collaboratively with small groups of students. Candidates also engage in collegial coaching and a reflective professional seminar.

Prerequisite: LTCY-507 (<http://catalog.neiu.edu/search/?P=LTCY-507>) minimum grade of C or READ-407 minimum grade of C.

LTCY-510. Practicum In Literacy Assessment & Intervention: Secondary Level. 3 Hours.

Candidates participate in a supervised clinical experience in assessing the literacy needs of students in grades 6-12 who are struggling in reading and writing. Candidates gain expertise in the development and implementation of plans for intervention as well as progress monitoring. Candidates work with individual students as well as collaboratively with small groups of students. Candidates also engage in collegial coaching and a reflective professional seminar.

Prerequisite: LTCY-507 (<http://catalog.neiu.edu/search/?P=LTCY-507>) minimum grade of C or READ-407 minimum grade of C.

LTCY-511. Research Seminar In Literacy Education. 3 Hours.

Candidates conduct multi-phase analyses of assessment data to examine the effectiveness of specific, evidence-based intervention practices designed to meet the literacy needs of diverse student populations through the students' responses to instruction.

Prerequisites: LTCY-503 (<http://catalog.neiu.edu/search/?P=LTCY-503>) minimum grade of C and LTCY-507 (<http://catalog.neiu.edu/search/?P=LTCY-507>) minimum grade of C or (READ-401 minimum grade of C and READ-407 minimum grade of C).

LTCY-512. Leadership In Literacy Instruction. 3 Hours.

Prerequisite: LTCY-507 (<http://catalog.neiu.edu/search/?P=LTCY-507>) minimum grade of C or READ-407 minimum grade of C.

LTCY-513. Literacy Instruction For Middle Level. 3 Hours.

Candidates will gain an understanding of the philosophy, structure, content areas, administrative structure and students in middle school settings with a focus on the issues, research and comprehensive instructional approaches and materials from both print and nontraditional media used in effective literacy instruction with diverse students in middle grades.

Prerequisite: LTCY-501 (<http://catalog.neiu.edu/search/?P=LTCY-501>) minimum grade of C or LTCY-502 (<http://catalog.neiu.edu/search/?P=LTCY-502>) minimum grade of C or (READ-416 minimum grade of C or READ-417 minimum grade of C).

LTCY-514. Literacy Instruction For Linguistically & Culturally Diverse Learners. 3 Hours.

Candidates explore appropriate and varied instructional approaches as well as a wide range of texts from traditional print, digital, and online resources for English Language Learners, with emphasis on the value of diversity in society and relevance to learning to read and write, especially as related to cultural and linguistic aspects of oral language development as related to literacy. Appropriate classroom assessments will be used to plan and evaluate instruction.

Prerequisites: LTCY-501 (<http://catalog.neiu.edu/search/?P=LTCY-501>) minimum grade of C and LTCY-502 (<http://catalog.neiu.edu/search/?P=LTCY-502>) minimum grade of C or LTCY-513 (<http://catalog.neiu.edu/search/?P=LTCY-513>) minimum grade of C or (READ-416 minimum grade of C and READ-417 minimum grade of C or READ-440 minimum grade of C).

LTCY-515. Integrating Technology With Literacy Instruction. 3 Hours.

Candidates will analyze the utilization of digital media in classrooms as integrated into literacy instruction. Topics include software selection and evaluation as well as the uses of digital media in teaching components of literacy and assessment.

Prerequisites: LTCY-501 (<http://catalog.neiu.edu/search/?P=LTCY-501>) minimum grade of C and LTCY-502 (<http://catalog.neiu.edu/search/?P=LTCY-502>) minimum grade of C or LTCY-513 (<http://catalog.neiu.edu/search/?P=LTCY-513>) minimum grade of C or (READ-416 minimum grade of C and READ-417 minimum grade of C or READ-440 minimum grade of C).

LTCY-516. Advanced Practicum In Literacy Education. 3 Hours.

Provides in a clinical and/or on-site setting, opportunities to explore innovative diagnostic and instructional practices. In-depth study of particular reading problems as well as overall reading program development is encouraged.

LTCY-517. Language Development And Early Literacy. 3 Hours.

This course focuses on the relationships between children's language development and early literacy development. Teachers will develop an understanding of the developmental nature of language and literacy within the context of a diverse population. Emphasis will be on the instructional implications for teachers working with children from infancy through Grade 3 in the development of language and literacy as well as the influence of language development and the application of literacy learning in content areas. Graduate students in the MAT in ECED program or the Focus program who are pursuing a Professional Educator License (PEL) to teach children age 0-8 years are encouraged to take the initial courses in the MAT in ECED program, which are ECED-402 (<http://catalog.neiu.edu/search/?P=ECED-402>) Fndtns of Early Childhood Educ, ECED-408 (<http://catalog.neiu.edu/search/?P=ECED-408>) Lang Acquisition in EC, and ECED-410 (<http://catalog.neiu.edu/search/?P=ECED-410>), Cur Dev in EC, before they take LTCY-517 (<http://catalog.neiu.edu/search/?P=LTCY-517>).

Prerequisite: LTCY-501 (<http://catalog.neiu.edu/search/?P=LTCY-501>) minimum grade of C.

LTCY-521. Independent Study In Literacy Education. 1 Hour.

Candidates who have interests in specific literacy topics may be invited by faculty members to conduct independent studies. They must collaborate with faculty members to develop proposals for departmental approval. Credit will be awarded commensurate with the scope of the proposed study and commitment required of faculty.

Prerequisite: LTCY-501 (<http://catalog.neiu.edu/search/?P=LTCY-501>) minimum grade of B or LTCY-502 (<http://catalog.neiu.edu/search/?P=LTCY-502>) minimum grade of B or LTCY-513 (<http://catalog.neiu.edu/search/?P=LTCY-513>) minimum grade of B.

LTCY-522. Independent Study In Literacy Education. 2 Hours.

Candidates who have interests in specific literacy topics may be invited by faculty members to conduct independent studies. They must collaborate with faculty members to develop proposals for departmental approval. Credit will be awarded commensurate with the scope of the proposed study and commitment required of faculty.

Prerequisite: LTCY-501 (<http://catalog.neiu.edu/search/?P=LTCY-501>) minimum grade of B or LTCY-502 (<http://catalog.neiu.edu/search/?P=LTCY-502>) minimum grade of B or LTCY-513 (<http://catalog.neiu.edu/search/?P=LTCY-513>) minimum grade of B.

LTCY-523. Independent Study In Literacy Education. 3 Hours.

Candidates who have interests in specific literacy topics may be invited by faculty members to conduct independent studies. They must collaborate with faculty members to develop proposals for departmental approval. Credit will be awarded commensurate with the scope of the proposed study and commitment required of faculty.

Prerequisite: LTCY-501 (<http://catalog.neiu.edu/search/?P=LTCY-501>) minimum grade of B or LTCY-502 (<http://catalog.neiu.edu/search/?P=LTCY-502>) minimum grade of B or LTCY-513 (<http://catalog.neiu.edu/search/?P=LTCY-513>) minimum grade of B.

Management (MNGT)

Courses

MNGT-201. Business And The Free Enterprise System. 3 Hours.

Insight into the role of the free enterprise system in society and economy. Functions and operations of business firms are analyzed for career opportunities in business and industry. Recommended for intended business majors. Does not fulfill major or minor elective.

MNGT-354. Logistics Management. 3 Hours.

Introduction to the business logistics environment. Detailed coverage of the use of concepts and quantitative techniques in facility location, distribution, warehousing, scheduling, order processing, storage, material handling and other logistics design and operating decisions.

Prerequisite: MNGT-377 (<http://catalog.neiu.edu/search/?P=MNGT-377>) minimum grade of C.

MNGT-355. Creativity And Innovation. 3 Hours.

This course focuses on innovation and creativity from the perspectives of the organizations, teams and individual employees. Special consideration is given to the processes of creativity, the relationship between creativity and innovation, development of creativity, multiple facets of creativity, building and managing creative teams, and development of original thinking.

MNGT-368. Business Statistics. 3 Hours.

This course introduces students to both descriptive and inferential statistics as they apply to business. Its focus is on descriptive measures, probability concepts, discrete and continuous probability distributions, sampling distributions, estimation, hypothesis testing, and simple linear regression. Prereq.: MATH-165 (<http://catalog.neiu.edu/search/?P=MATH-165>).

Prerequisite: MATH-165 (<http://catalog.neiu.edu/search/?P=MATH-165>) minimum grade of C.

MNGT-370. Writing Intensive Program: Managing Global Business Organization. 3 Hours.

This course addresses four critical areas of the emerging management environment: globalization, diversity, leadership, and teamwork. Traditional and projected theories of organization management and organization behavior, as focused toward these four themes, are examined. Additionally, the writing intensive component of this course includes a variety of written communication activities to develop a discipline-focused writing skill.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

MNGT-371. Organizational Behavior. 3 Hours.

A broad survey analyzing the contributions of behavioral science to management and administration. Topics stressed are scientific method in organizational research, individual and group dimensions of organizational behavior, decision making, barriers to communication, work motivation, intergroup conflict, leadership, organizational climate and development, and analysis of power in organizations. Role playing, simulations, class exercises and case studies are used.

Prerequisite: MNGT-370 (<http://catalog.neiu.edu/search/?P=MNGT-370>) minimum grade of C.

MNGT-372. Organization Theory And Design. 3 Hours.

This course approaches the study of business organizations and their management from a macro perspective. The focus of organization theory is to study the structure and design of organizations. Students are presented with both the descriptive and prescriptive aspects of the discipline in order to provide insight into the planning and designing of organizations for effectiveness. Major topics include rational and social systems views of organizations; the social, technical, legal and economic environments of organizations; organizational characteristics such as size, technology, structure, climate and administrative philosophy; elements of organizational structure and design (authority structure); specialization; degree of centralization; policies; communication channels; and reward systems; organizational processes including goal setting; strategic planning; decision making; coordinating and controlling; and organizational survival.

Prerequisite: MNGT-370 (<http://catalog.neiu.edu/search/?P=MNGT-370>) minimum grade of C.

MNGT-373. Human Resource Management. 3 Hours.

Organization and operation of the personnel department. Role of the personnel department in the organization. Topics include task/job development (job analysis, job design, job specification, job enlargement, job enrichment, performance standards, work rules, work conditions); staffing the organization (recruitment, selection, placement, promotion, demotion, interviewing, testing); performance appraisal; training and development; compensation (wage and salary administration, supplementary benefits, incentives); collective bargaining (unionization, negotiation, grievance and arbitration); legal and other environmental issues are stressed.

Prerequisite: MNGT-370 (<http://catalog.neiu.edu/search/?P=MNGT-370>) minimum grade of C.

MNGT-374. Staffing & Selection. 3 Hours.

This course focuses on Staffing and Selection from the perspectives of the organization. Special consideration is given to the processes of Human Resource Planning, hiring, firing, the underlying legal environment, as well as ethical issues. The major topics include labor market, legal environment, HR planning, job analysis, measurement, recruiting, and selection. Prerequisites: (1) completion of at least 60 credit hours of course work, (2) completion of the eight 100-level and 200-level College of Business Management Foundation courses, each with "C" or higher, and Foundation GPA of 2.50, and (3) MNGT-370 (<http://catalog.neiu.edu/search/?P=MNGT-370>) with a "C" or higher.

Prerequisite: MNGT-370 (<http://catalog.neiu.edu/search/?P=MNGT-370>) minimum grade of C.

MNGT-375. Management And Organization Communications. 3 Hours.

Formal structures, channels and mechanism for communication within the organization and its environment. Informal process of communication within the organization. Supervisory and management roles in organizational communication. Dynamics of communication in and between organization work units. Functional roles/ perspectives affecting organizational communications. Class exercises and case studies will be used.

Prerequisite: MNGT-370 (<http://catalog.neiu.edu/search/?P=MNGT-370>) minimum grade of C.

MNGT-376. Small Business Management. 3 Hours.

Application of management concepts and techniques to the small firm. Special attention will be given to the particular nature, opportunities, needs, and problems of small manufacturing, wholesale, retail, and business service firms. Topics include comparison of similarities, differences and relations between small and large firms, issues and methods in starting a small firm (including selecting the legal mode of organization, buying an existing firm, franchising); funding; risk and venture management for small firms; the role of local, state, and federal government. Case studies and field research may be included.

Prerequisites: FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>) minimum grade of C and MKTG-350 (<http://catalog.neiu.edu/search/?P=MKTG-350>) minimum grade of C and MNGT-370 (<http://catalog.neiu.edu/search/?P=MNGT-370>) minimum grade of C.

MNGT-377. Production/Operations Management. 3 Hours.

This course covers subjects related to the design of production, inventory and quality control systems. In the production systems design the following topics are covered: design of products and services, capacity planning, process design, work analysis and measurement, facility location, production scheduling. In the inventory control systems design the following issues will be discussed: relation of inventory system to the other functions of organizations, cost structure, deterministic and probabilistic control models. In the quality control design the following are covered: quality concept, statistical quality control methods such as control charts, sampling etc.

Prerequisites: MNGT-368 (<http://catalog.neiu.edu/search/?P=MNGT-368>) minimum grade of C and MNGT-370 (<http://catalog.neiu.edu/search/?P=MNGT-370>) minimum grade of C.

MNGT-378. Managing Diversity In Organizations. 3 Hours.

This class addresses the issues, knowledge, theories, and applications related to managing diversity in organizations. Topics covered in this class will enhance awareness of existence of diversity at the workplace and address approaches of creation of productive diverse workforce. Class discussion will include topics such as glass ceiling effect, stereotyping process, sexual harassment, work and family conflicts, and reverse discrimination. Readings related to the implementation of diversity training programs as well as fair recruitment and selection processes will be discussed.

Prerequisite: MNGT-370 (<http://catalog.neiu.edu/search/?P=MNGT-370>) minimum grade of C.

MNGT-379. Business Analytics. 3 Hours.

This application-based course covers descriptive, predictive, as well as prescriptive analytics. It focuses on data visualization, multiple regression, data mining, linear optimization models, integer linear optimization models, simulation and decision analysis.

Prerequisite: MNGT-368 (<http://catalog.neiu.edu/search/?P=MNGT-368>) minimum grade of C.

MNGT-380. Entrepreneurship. 3 Hours.

Examination of the entrepreneurial process and the role of entrepreneurship in new ventures and small businesses, obtaining financing for new businesses; marketing, R D, and production of new products and services. Evaluation of the entrepreneurs and ways to encourage the entrepreneurial spirit in organizations of all sizes. Students will be required to write a realistic business plan.

Prerequisites: FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>) minimum grade of C and MKTG-350 (<http://catalog.neiu.edu/search/?P=MKTG-350>) minimum grade of C and MNGT-370 (<http://catalog.neiu.edu/search/?P=MNGT-370>) minimum grade of C.

MNGT-381. International Business And Management. 3 Hours.

This course examines the following issues: The global economic environment, corporate strategy, foreign operations of American firms and impact of foreign competition on the domestic market; organization for foreign production, marketing and finance, foreign markets, resources, institutions, managerial problems arising out of governmental relations, the cultural environment and multinational management.

Prerequisites: FINA-360 (<http://catalog.neiu.edu/search/?P=FINA-360>) minimum grade of C and MKTG-350 (<http://catalog.neiu.edu/search/?P=MKTG-350>) minimum grade of C and MNGT-370 (<http://catalog.neiu.edu/search/?P=MNGT-370>) minimum grade of C.

MNGT-382. Internship In Management. 3 Hours.**MNGT-383. Internship In Management. 4 Hours.****MNGT-384. Internship In Management. 5 Hours.****MNGT-385. Internship In Management. 6 Hours.****MNGT-386. Independent Study In Management. 3 Hours.****MNGT-387. Independent Study In Management. 2 Hours.****MNGT-388. Independent Study In Management. 1 Hour.****MNGT-392. Business, Technology And Society. 3 Hours.**

Course deals with the environment of business. The role of technology in modern business organizations is considered as well as social change and social pressure on the business community. Other topics to be covered are the social responsibility of business; "The Social Adult" : its function in business organizations; managing modern business: changes and adaptability; technology transfer activities in modern business: the U.S. and developing countries' experiences.

Prerequisite: MNGT-370 (<http://catalog.neiu.edu/search/?P=MNGT-370>) minimum grade of C.

MNGT-393. Strategic Management. 3 Hours.

This advanced capstone course involves the study of the concepts and techniques of determining strategies and operational policies of business organizations. Primarily through the use of cases, students are exposed to theories of business policy, business environment, and the impact of different policy making scenarios on selected functions of the business organizations.

MNGT-399. Management Of Change. 3 Hours.

An advanced seminar course focusing on organizational change management by managers and employees who wish to initiate a change, are assigned responsibility to manage a change, or who are affected by change initiated by others. Major topics include: nature and dynamics of change and change management; dimensions of change; change management strategies; cycle theories; stability and change; resistance to change; the change manager as change agent or resister/defender.

Prerequisite: MNGT-370 (<http://catalog.neiu.edu/search/?P=MNGT-370>) minimum grade of C.

MNGT-401. Fundamentals Of Business Statistics. 2 Hours.

This course provides graduate students without a recent business academic background a foundation in the field of business statistics. It addresses the concepts of probability distributions and statistical inference and considers various methods of describing data, including the normal distribution. Statistical estimation, sampling and methods of testing hypotheses of means and proportions using various distributions are discussed. A brief consideration is given to quality control, analysis of variance, and linear regression.

MNGT-402. Applied Business Research. 3 Hours.

This course conveys the nature, purpose and method of applied business research for practicing managers and owner-operators and enables them to acquire research skills. Course topics include problem or project definition, data gathering, hypothesis testing, analysis of result, and developing and reporting of conclusions. Special attention is devoted to the communication process, reporting research findings at various stages, and the use of traditional and high-tech sources of business information.

Prerequisite: MNGT-401 (<http://catalog.neiu.edu/search/?P=MNGT-401>) minimum grade of C.

MNGT-403. Leadership And Organizational Behavior. 3 Hours.

This course addresses the concepts of perception, learning and motivation, and focuses on work-related attitudes and personalities of individual employees and managers. Organizational facets of stress, group dynamics and organization culture and socialization provide a foundation for the discussion of cooperation, conflict, and influence. The role of leaders and leadership upon organizational behavior and cultures is emphasized. Management communication methods and decision-making processes are considered.

MNGT-404. Productions And Operations Management. 3 Hours.

This course provides general coverage of production/operations management in organizations. Emphasis is placed on the application of the POM concepts to both goods and service organizations. The information presented is beneficial to students majoring in all of the business administration functional areas. The course covers production scheduling, materials management, facilities planning and layout, material productivity and quality control. Forecasting, scheduling, inventory and distributed modeling are discussed. Statistical process control is also presented.

Prerequisites: MATH-111 minimum grade of C and MNGT-401 (<http://catalog.neiu.edu/search/?P=MNGT-401>) minimum grade of C.

MNGT-474. Human Resources Policy And Decision Making. 3 Hours.

This course addresses personnel policy formulation and implementation. Consideration is given to human resources planning, staffing, development and placement issues in the context of legal and collective bargaining constraints. A review of topical issues such as employment-at-will, drug testing, honesty in the workplace and other special topics is provided.

MNGT-480. Entrepreneurship. 3 Hours.

This course focuses on the initiation of new business ventures as contrasted with the management of on-going enterprises. Topics covered include the characteristics of successful entrepreneurs, methods of identifying market opportunities, appraising market potential, determining startup costs of acceptable purchase price, legal aspects of organization or acquisition, raising venture, capital, initial capital structure, selection of the board of directors and key managers, allocation of control among involved parties, and method of rewarding entrepreneurs and key managers. Cases, readings and some outside speakers will be used. The major emphasis, however, will be on the evaluation of prospective "real world" ventures.

MNGT-481. International Management. 3 Hours.

This course examines the salient features of decision-making and management practices in multinational firms. Particular attention is given to organizational planning and control functions, and to problems encountered by managers as they interact with host governments and institutions. Linkages between certain cultural factors and features of the managerial climate are also examined.

MNGT-487. Strategy And Organization. 3 Hours.

This course serves to integrate preceding courses through the study of strategy to integrate preceding courses through the study of strategy formulation and implementation functions and responsibilities of top-level management. The topics addressed include the concept of corporate strategy, the strategic planning and resource allocation, the design of formal organizational structure, management control systems, reward and sanction systems, the selection and training of key personnel and the leadership role of the chief executive officer. Cases and readings are drawn from a variety of types of organizations.

MNGT-489. Management Of Organizational Change. 3 Hours.

This course explores the concept of successful management of organizational and behavioral change, focusing on both "planned" and "unplanned" changes and emphasizing the development of change strategies and measurement of change effectiveness. Included will be group laboratory work using video tape systems. Attention will also be given in response to external (e.g., social) changes. Opportunities exist for field work in various institutional contexts.

MNGT-490. Innovation And Creativity. 3 Hours.

This course focuses on innovation and creativity from the perspectives of the organization and individual employees. Special consideration is given to the processes of creativity, the relationship between creativity and innovation, development of creativity, and multiple facets of creativity. Within these major emphases, topics include definition of creativity, inhibitors and activators of creativity in individuals, teams, and organizations, idea creation and evaluation, building and managing creative teams.

MNGT-498. International Business. 3 Hours.

This course examines the cultural, social, political and economic factors which underlie certain business practices in foreign countries. Depending upon the expertise and preference of the instructor, the course may focus upon a few primary geographical areas (e.g., Eastern Europe, Far East) intensively, or it may present a wide array of cultural environments in survey fashion.

MNGT-500. Project. 3 Hours.

Approval of major advisor is necessary.

MNGT-501. Thesis. 3 Hours.

Approval of major advisor is necessary.

MNGT-502. Business Policy And Strategy. 3 Hours.

This course focuses upon strategy formulation and implementation at the highest level of organizations. Methods of obtaining resources and creating systems, structures and policies needed to attain strategic goals are addressed, as is the critical role of the chief executive officer (CEO) or the owner-operation of smaller entities. The common body of knowledge acquired from other graduate business courses is integrated and applied to policy and strategy issues or practices within a wide range of organizational frameworks, including multinational corporations, small-to-medium-sized enterprises (SMEs), and sole proprietorship. The case method of instruction is emphasized.

Marketing (MKTG)

Courses

MKTG-350. Principles Of Marketing. 3 Hours.

This course provides a comprehensive overview of the marketing process by explaining its role in business and society. Major topics include market segmentation and research, purchasing behavior in the consumer and industrial markets, a careful analysis of the marketing mix (product, price, distribution and promotion) and the planning and evaluation of the overall marketing effort.

Prerequisite: ECON-217 (<http://catalog.neiu.edu/search/?P=ECON-217>) minimum grade of C.

MKTG-351. Consumer Behavior. 3 Hours.

This course examines: the buyer as a problem solver; buying decision processes; sociological and psychological factors affecting buyer behavior; and consumer behavior models. The course shows how consumer behavior concepts are used in the formulation of the firm's marketing strategy.

Prerequisite: MKTG-350 (<http://catalog.neiu.edu/search/?P=MKTG-350>) minimum grade of C.

MKTG-352. Integrated Marketing Communication. 3 Hours.

This course provides an overview of the planning, execution, and evaluation of integrated marketing communication programs. Topics covered include creative and media strategies, budgeting, evaluation, and the roles of individual components of the communications mix, such as advertising, sales promotion, internet and interactive media, and direct marketing. Prereq.: MKTG-350 (<http://catalog.neiu.edu/search/?P=MKTG-350>).

Prerequisite: MKTG-350 (<http://catalog.neiu.edu/search/?P=MKTG-350>) minimum grade of C.

MKTG-353. Marketing Research. 3 Hours.

An investigation of the research necessary for the formulation of marketing policies. Topics include research design; sampling; and statistical analysis.

Prerequisites: MKTG-350 (<http://catalog.neiu.edu/search/?P=MKTG-350>) minimum grade of C and MNGT-368 (<http://catalog.neiu.edu/search/?P=MNGT-368>) minimum grade of C.

MKTG-354. Personal Selling. 3 Hours.

Introduction to the rationale and methods for effective person-to-person communications in the marketing of products, services and ideas. Application of the marketing concept to the personal selling process and development of customer relationships. Course makes use of in-class presentations and role-playing.

Prerequisite: MKTG-350 (<http://catalog.neiu.edu/search/?P=MKTG-350>) minimum grade of C.

MKTG-355. Digital Marketing. 3 Hours.

This course provides an introduction to digital marketing. This course examines the integration of Internet, digital media, and interactive technologies in marketing strategy to leverage the impact of marketing mix. Current digital marketing driven applications for customer acquisition, retention, and management in e-business will be examined. Prereq.: MKTG-350 (<http://catalog.neiu.edu/search/?P=MKTG-350>) or consent of instructor.

Prerequisite: MKTG-350 (<http://catalog.neiu.edu/search/?P=MKTG-350>) minimum grade of C.

MKTG-356. Retail Management. 3 Hours.

The various marketing activities involved in managing the retail enterprise are examined individually and as a part of the overall retail system. Emphasis is placed upon technological changes and upon factors determining store location, merchandise management, organization purchasing and competition in the retail environment.

Prerequisite: MKTG-350 (<http://catalog.neiu.edu/search/?P=MKTG-350>) minimum grade of C.

MKTG-357. Sales Management. 3 Hours.

This course exposes students to the roles of professional sales people in the marketing system, It focuses on the development of essential selling skills and the management of sales people.

Prerequisite: MKTG-350 (<http://catalog.neiu.edu/search/?P=MKTG-350>) minimum grade of C.

MKTG-358. International Marketing. 3 Hours.

This course examines the special problems of marketing in an international setting. Reasons for international expansion, both historically and in the present, are discussed. The cultural, political and legal environments for international marketing are examined. Problems of product, promotion, price, physical distribution, and organization on an international scale are also examined.

Prerequisite: MKTG-350 (<http://catalog.neiu.edu/search/?P=MKTG-350>) minimum grade of C.

MKTG-359. Marketing Management. 3 Hours.

A capstone course designed to stress the managerial aspects of marketing. Consideration of product, pricing, distribution, promotion and organization design are related through student projects to the development of the firm's marketing strategy.

Prerequisites: ACTG-201 (<http://catalog.neiu.edu/search/?P=ACTG-201>) minimum grade of C and MKTG-350 (<http://catalog.neiu.edu/search/?P=MKTG-350>) minimum grade of C.

MKTG-360. Marketing Channels. 3 Hours.

This course is designed to prepare future managers to successfully handle the interrelationships among manufacturers, wholesalers, retailers and consumers. Topics covered include analysis of marketing channel structures, development of channel strategy and management of marketing channels. The course will emphasize how to plan, organize and control the economic, political and social relationships among institutions and agencies to make certain that products and service are available for use or consumption by industrial, commercial and household consumers.

Prerequisite: MKTG-350 (<http://catalog.neiu.edu/search/?P=MKTG-350>) minimum grade of C.

MKTG-361. Social Media Marketing. 3 Hours.

This course provides an overview of the core strategies used by companies to leverage the marketing power of social media. Through integration of concepts from marketing, communications, sociology, and web analytics, students will learn how to develop a social media plan and implement a persuasive social media campaign. Students will learn a variety of techniques and strategies for monitoring user behavior on social media platforms, with an emphasis on applying the analytical concepts and tools of marketing for business decisions.

Prerequisite: MKTG-350 (<http://catalog.neiu.edu/search/?P=MKTG-350>) minimum grade of C.

MKTG-382. Internship In Marketing. 3 Hours.

MKTG-383. Internship In Marketing. 4 Hours.

MKTG-384. Internship In Marketing. 5 Hours.

MKTG-385. Internship In Marketing. 6 Hours.

MKTG-389. Independent Study In Marketing. 3 Hours.

MKTG-390. Independent Study In Marketing. 2 Hours.

MKTG-391. Independent Study In Marketing. 1 Hour.

MKTG-402. Marketing Management. 3 Hours.

This course focuses on the techniques of management as applied to the functional areas of marketing.

MKTG-451. Consumer Behavior And Marketing Action. 3 Hours.

This course focuses in analyzing demand, identifying market segments and predicting customer response to alternative marketing strategies using concepts from the behavioral sciences.

Prerequisite: MKTG-402 (<http://catalog.neiu.edu/search/?P=MKTG-402>) minimum grade of C or MKTG-450 minimum grade of C.

MKTG-453. Marketing Research - Techniques And Applications. 3 Hours.

This course explores different approaches to planning, collecting, analyzing and communicating information from the marketplace, including techniques and applications for specific marketing areas.

Prerequisites: (MKTG-402 (<http://catalog.neiu.edu/search/?P=MKTG-402>) minimum grade of C or MKTG-450 minimum grade of C) and MNGT-368 (<http://catalog.neiu.edu/search/?P=MNGT-368>) minimum grade of C.

MKTG-454. Digital Marketing Strategy. 3 Hours.

This course introduces students to strategy and tactics in digital marketing in the context of a company's overall marketing strategy. Topics covered include an overview of existing and emerging digital trends, consumer experience in the cross-channel context, digital branding and positioning, and best practices in digital marketing strategy.

Prerequisite: MKTG-402 (<http://catalog.neiu.edu/search/?P=MKTG-402>) minimum grade of C.

MKTG-456. Channel Distribution And Retailing. 3 Hours.

This course provides for the study of retailing as an integral part of the economic system and examines retailing from both the manufacturer's perspective and consumer's perspective. It focuses on management and behavioral theories.

Prerequisite: MKTG-402 (<http://catalog.neiu.edu/search/?P=MKTG-402>) minimum grade of C or MKTG-450 minimum grade of C.

MKTG-458. Global Marketing. 3 Hours.

This course focuses on identifying and analyzing worldwide marketing opportunities and generating strategies for overseas marketing, and explores the impact of environmental differences on marketing strategies and customer response.

Prerequisite: MKTG-402 (<http://catalog.neiu.edu/search/?P=MKTG-402>) minimum grade of C or MKTG-450 minimum grade of C.

MKTG-461. Services Marketing Management. 3 Hours.

Perspectives on managing the distinctive aspects of services as opposed to the marketing and buying of physical goods. The course examines ways in which various kinds of services differ from tangible goods and from each other along social and technological dimensions. Topics include services value creation, services marketing strategies, management of service production and quality and means for balancing supply and demand for services.

Prerequisite: MKTG-402 (<http://catalog.neiu.edu/search/?P=MKTG-402>) minimum grade of C or MKTG-450 minimum grade of C.

MKTG-500. Project. 3 Hours.

Approval of major advisor is necessary.

MKTG-501. Thesis. 3 Hours.

Approval of major advisor is necessary.

Mathematics (MATH)

Courses

MATH-090. Elementary Algebra. 3 Hours.

This course develops the foundations of algebra, beginning with the real number system and its operations. Topics include: variable expressions, linear equations, exponents and polynomials, applications of proportion, percent, and the use of formulas to develop problem solving skills. Freshman students are initially placed into mathematics courses by their MATH ACT scores, their NEIU Mathematics Placement Test scores, or by an appropriate score on the Advanced Placement Test in Calculus. (This course does not count toward graduation or GPA.).

Prerequisite: NEIU Math Placement Result 00 - 40 (or ACT Math 01 - 36 or Accuplacer Elementary Algebra 020 - 040).

MATH-0901. Math Enrichment Workshop For Math 090. 1 Hour.

Mathematics enrichment workshop for students currently enrolled in MATH-090 (<http://catalog.neiu.edu/search/?P=MATH-090>). The workshops draw on the Peer Led Team Learning (PLTL) and Emerging Scholars Program (ESP) models, which have been nationally identified for increasing students' probability of earning higher grades in their required mathematics courses. Workshop participants will attend a workshop during the same day and time each week; collaboratively solve problems related to their standard Math 090 course within small peer groups; receive guidance from math instructors who are specially trained to facilitate the workshops; and participate in social events with workshop peers during the semester.

Corequisite: MATH-090 (<http://catalog.neiu.edu/search/?P=MATH-090>).

MATH-091. Intermediate Algebra I. 3 Hours.

This course develops the foundations of algebra, beginning with the real number system and its operations. Topics include: variable expressions, linear equations and systems of equations, exponents, polynomials, factoring trinomials, and solving equations by factoring. Freshman students are initially placed into mathematics courses by their MATH ACT scores, their NEIU Mathematics Placement Test scores, or by an appropriate score on the Advanced Placement Test in Calculus. (This course does not count toward graduation or GPA.).

Prerequisite: (MATH-090 (<http://catalog.neiu.edu/search/?P=MATH-090>) or NEIU Math Placement Result 01 - 45 or ACT Math 17 - 18 or Accuplacer Elementary Algebra 041 - 059).

MATH-0911. Math Enrichment Workshop For Math 091. 1 Hour.

Mathematics enrichment workshop for students currently enrolled in MATH-091 (<http://catalog.neiu.edu/search/?P=MATH-091>). The workshops draw on the Peer Led Team Learning (PLTL) and Emerging Scholars Program (ESP) models, which have been nationally identified for increasing students' probability of earning higher grades in their required mathematics courses. Workshop participants will attend a workshop during the same day and time each week; collaboratively solve problems related to their standard Math 091 course within small peer groups; receive guidance from math instructors who are specially trained to facilitate the workshops; and participate in social events with workshop peers during the semester.

Corequisite: MATH-091 (<http://catalog.neiu.edu/search/?P=MATH-091>).

MATH-092. Intermediate Algebra II. 3 Hours.

This course further develops the concepts and structures of intermediate algebra. A review of linear equations, polynomials, and factoring, prepares students for the study of linear, quadratic, exponential, and logarithmic equations and functions. Additional topics to prepare students for college algebra include: rational expressions and equations, complex numbers, rational exponents, graphing and applications of quadratic functions, and properties of logarithms. Freshman students are initially placed into mathematics courses by MATH ACT scores, NEIU Mathematics Placement Test scores, or by an appropriate score on the Advanced Placement Test in Calculus. (This course does not count toward graduation or GPA.).

Prerequisite: (MATH-091 (<http://catalog.neiu.edu/search/?P=MATH-091>) - 499 or MATH-091A - 499Z or NEIU Math Placement Result 02 - 45 or ACT Math 19 - 36 or Accuplacer Elementary Algebra 060 - 084 or Accuplacer College Level Math 020 - 120).

MATH-0921. Math Enrichment Workshop For Math 092. 1 Hour.

Mathematics enrichment workshop for students currently enrolled in MATH-092 (<http://catalog.neiu.edu/search/?P=MATH-092>). The workshops draw on the Peer Led Team Learning (PLTL) and Emerging Scholars Program (ESP) models, which have been nationally identified for increasing students' probability of earning higher grades in their required mathematics courses. Workshop participants will attend a workshop during the same day and time each week; collaboratively solve problems related to their standard Math 092 course within small peer groups; receive guidance from math instructors who are specially trained to facilitate the workshops; and participate in social events with workshop peers during the semester.

Corequisite: MATH-092 (<http://catalog.neiu.edu/search/?P=MATH-092>).

MATH-101A. Basic Mathematical Reasoning 1. 2 Hours.

This first part of a two-semester stretch course (equivalent to Math 113) provides a foundation for students to become confident and critical users of quantitative information of all kinds: numerical, graphical and verbal. Students analyze data and ideas from a variety of fields, such as psychology, economics, finance, sociology and political science. The course is taught in a computer laboratory environment, where students are introduced to tools for data analysis and presentation. Active learning and reasoning are emphasized. By completing Math 101A and 101B, students needing one credit math course will have completed their math requirement.

Prerequisite: Accuplacer Elementary Algebra 041 - 120 (or ACT Math 01 - 15).

MATH-101B. Basic Mathematical Reasoning 2. 2 Hours.

This second part of a two-semester stretch course (equivalent to Math 113) provides a foundation for students to become confident and critical users of quantitative information of all kinds: numerical, graphical and verbal. Students analyze data and ideas from a variety of fields, such as psychology, economics, finance, sociology and political science. The course is taught in a computer laboratory environment, where students are introduced to tools for data analysis and presentation. Active learning and reasoning are emphasized. By completing Math 101A and 101B, students needing one credit math course will have completed their math requirement.

Prerequisite: MATH-101A (<http://catalog.neiu.edu/search/?P=MATH-101A>) minimum grade of C.

MATH-112. Statistics In Daily Life. 3 Hours.

Process of classifying and drawing conclusions from data obtained from observations, experiment, or sampling. Decision making under uncertainty with emphasis on the behavioral fields. Study of frequency distributions and their use in the decision making process. Usage of computer and prepared software make plus a graphic calculator (TI-83 or equivalent) is required.

Prerequisite: (MATH-092 (<http://catalog.neiu.edu/search/?P=MATH-092>) - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

MATH-113. Quantitative Reasoning. 3 Hours.

This course provides a foundation for students to become confident and critical users of quantitative information of all kinds: numerical, graphical and verbal. Students analyze data and ideas from a wide variety of fields, such as psychology, economics, finance, sociology and political science. The course is taught in a hands-on laboratory environment where students are introduced to computer tools for data analysis and presentation. Active learning and reasoning are emphasized, and technology is an integral part of the course. Students write critiques of quantitative arguments, gather data and present arguments based on their analysis.

Prerequisite: (MATH-092 (<http://catalog.neiu.edu/search/?P=MATH-092>) - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

MATH-141. College Mathematics I. 3 Hours.

The purpose of this course is to introduce the students to several of the mathematical tools that are used in all areas of mathematics including subjects that are strongly mathematics driven; these tools facilitate (1) problem-solving in mathematics and (2) mathematical communication and connection with other branches and other disciplines. Graphing calculator will be required and used to facilitate better understanding of some mathematical models, algorithms and applications. Other topics include expressions, mathematical functions, equations, inequalities and complex numbers.

Prerequisite: (MATH-092 (<http://catalog.neiu.edu/search/?P=MATH-092>) - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

MATH-143. College Mathematics II. 3 Hours.

The purpose of this course is to introduce the new teachers to the structure of Mathematics which include: mathematical reasoning; mathematical communication and connection with other branches and other disciplines; and problem-solving. Topics: number theory, combinatorics, geometry, probability and statistics, mathematics of finance.

Prerequisite: (MATH-092 (<http://catalog.neiu.edu/search/?P=MATH-092>) - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

MATH-145. Algebra Concepts For Educators. 4 Hours.

This course focuses on algebra concepts and is designed to meet the needs of educators. Some of the concepts covered will be linear, quadratic, exponential and logarithmic functions, systems of equations and introduction to trigonometric functions. Problem solving, development of algebraic thinking and modeling simple and complex linear systems with and without technology will be emphasized. Written assignments and reflections on the learning process will be introduced as appropriate. Algebra concepts will be taught in the context of real world problems and applications. This course has been designed keeping in mind the NCTM teacher standards, Common Core Mathematical Practices, content and ELA Standards in Mathematics and the ISBE mathematics teacher standards and the content and pedagogy necessary to prepare teachers to be developmentally responsive teachers of math and science. Course is linked and integrated with the MSTQE Bios 110.

Prerequisite: MATH-150 (<http://catalog.neiu.edu/search/?P=MATH-150>) minimum grade of C or MATH-151 (<http://catalog.neiu.edu/search/?P=MATH-151>) minimum grade of C.

Corequisite: BIO-199 (<http://catalog.neiu.edu/search/?P=BIO-199>).

MATH-147. Statistical Concepts For Educators. 4 Hours.

This course has been designed keeping in mind the NCTM teacher standards, Common Core Mathematical Practices, Content and ELA Standards in Mathematics and the ISBE mathematics teacher standards and the content within the paired interdisciplinary science course. There will be three principle components of the course: 1) descriptive statistics, 2) basic probability theory and central limit theorem, 3) applied statistics in the form of confidence intervals and hypothesis testing. Contemporary critical technologies such as data warehousing and mining, and concept modeling may be considered. This course is linked with BIO-104 (<http://catalog.neiu.edu/search/?P=BIO-104>) Environmental Biology, and BIO-105 Environmental Biology Lab.

Prerequisite: MATH-141 (<http://catalog.neiu.edu/search/?P=MATH-141>) minimum grade of C or MATH-108 minimum grade of C or NEIU Math Placement Result 30 or ACT Math 22 or ACT Math 23 or ACT Math 24 or Accuplacer College Level Math 020 or Accuplacer College Level Math 021 or Accuplacer College Level Math 022 or Accuplacer College Level Math 023 or Accuplacer College Level Math 024 or Accuplacer College Level Math 025 or Accuplacer College Level Math 026 or Accuplacer College Level Math 027 or Accuplacer College Level Math 028 or Accuplacer College Level Math 029 or Accuplacer College Level Math 030.

Corequisites: BIO-104 (<http://catalog.neiu.edu/search/?P=BIO-104>), BIO-105 (<http://catalog.neiu.edu/search/?P=BIO-105>).

MATH-149. Math For Elementary Teachers I. 4 Hours.

This is a foundational class in mathematics for those interested in becoming elementary or middle grades teachers. Topics include place value, models for and the development of arithmetic, mental math, estimation, word problems, algorithms, factors, primes, proofs, prealgebra, fractions, ratios, rates, and percentages. Emphasis on the development of elementary mathematics from an advanced standpoint.

Prerequisite: MATH-092 (<http://catalog.neiu.edu/search/?P=MATH-092>) minimum grade of C.

MATH-150. Math For Elementary Teachers II With Problem Solving. 5 Hours.

This is a foundational class in mathematics for those interested in becoming elementary or middle grades teachers. Topics include measurement, geometric reasoning, similarity and congruence, applications of geometry, geometric proofs, area, volume, surface area, and probability and statistics. Problem solving and mathematical thinking activities covering both number and operations and geometry content will be integrated. Emphasis is on the development of elementary mathematics from an advanced standpoint.

Prerequisite: MATH-149 (<http://catalog.neiu.edu/search/?P=MATH-149>) minimum grade of C.

MATH-151. Bridge Course In Mathematics For Elementary Teachers. 3 Hours.

MATH-151 (<http://catalog.neiu.edu/search/?P=MATH-151>) is a course designed for students who have completed two college-level courses in math for elementary teaching at a community college. The transferred courses should focus on numbers and operations and geometry and measurement, respectively. NEIU's College of Education requires that Elementary Education majors complete at least 9 semester hours in mathematics for teachers that meet a set of common outcomes adopted by the college. This course focuses on concepts addressed by the outcomes that are not typically covered in depth by most 2-course sequences in mathematics for teaching: algebra, data analysis, statistics, probability, problem-solving and mathematical thinking. **Prerequisite:** MATH-151 (<http://catalog.neiu.edu/search/?P=MATH-151>) is restricted to students majoring in Early Childhood Education, Elementary Education, Bilingual/Bicultural Education, and TCP. Enrollment by permit only.

MATH-163. Mathematical Modeling With Elementary Functions For Business. 3 Hours.

This course, at the College Algebra level, is designed to provide quantitative understanding and tools for business students. Students work extensively with the most important functions and equations used for applications in their fields: linear, polynomial, rational, exponential, and logarithmic.

Prerequisite: (MATH-092 (<http://catalog.neiu.edu/search/?P=MATH-092>) - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

MATH-164. Modeling With Elementary Functions For Business Seminar. 1 Hour.

Enrichment Seminar accompanying MATH-163 (<http://catalog.neiu.edu/search/?P=MATH-163>). Students engage in problem solving in collaborative learning groups on material derived from and complementing Mathematical Modeling with elementary functions in Business to gain a deeper understanding of concepts and application.

Corequisite: MATH-163 (<http://catalog.neiu.edu/search/?P=MATH-163>).

MATH-165. Finite Mathematics For Business And The Social Sciences. 3 Hours.

Introduction to matrices, linear programming and probability with emphasis on mathematical models in the social, managerial and behavioral sciences and mathematics of finance.

Prerequisite: (MATH-163 (<http://catalog.neiu.edu/search/?P=MATH-163>) - 499 or MATH-163A - 499Z or NEIU Math Placement Result 35 - 40 or ACT Math 25 - 36 or Accuplacer College Level Math 031 - 120).

MATH-167. Business Calculus I. 4 Hours.

Elements of analytic geometry, differential and integral calculus with application to business, economic and finance.

Prerequisite: (MATH-163 (<http://catalog.neiu.edu/search/?P=MATH-163>) - 499 or MATH-163A - 499Z or NEIU Math Placement Result 35 - 40 or ACT Math 25 - 36 or Accuplacer College Level Math 031 - 120).

MATH-173. College Algebra. 4 Hours.

This course emphasizes the concept of a function as a unifying approach to the topics of college algebra. Families of functions studied in the course include: polynomial, rational, exponential and logarithmic functions. Other topics include conic sections, and sequences and series. Applications and problem solving skills are emphasized throughout the course.

Prerequisite: (MATH-092 (<http://catalog.neiu.edu/search/?P=MATH-092>) - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

MATH-174. Math Enrichment Workshop For College Algebra. 1 Hour.

Mathematics enrichment workshop for students currently enrolled in MATH-173 (<http://catalog.neiu.edu/search/?P=MATH-173>). The workshops draw on the Peer Led Team Learning (PLTL) and Emerging Scholars Program (ESP) models, which have been nationally identified for increasing students' probability of earning higher grades in their required mathematics courses. Workshop participants will attend a workshop during the same day and time each week; collaboratively solve problems related to their standard MATH-173 (<http://catalog.neiu.edu/search/?P=MATH-173>) course within small peer groups; receive guidance from math instructors who are specially trained to facilitate the workshops; and participate in social events with workshop peers during the semester.

Corequisite: MATH-173 (<http://catalog.neiu.edu/search/?P=MATH-173>).

MATH-175. Trigonometry. 3 Hours.

For students who intend to continue with Calculus I, this course uses the concept of a function as a unifying approach to the topics of trigonometry. The course studies trigonometric functions, trigonometric identities and equations, and inverse trigonometric functions. Other topics include: solving triangles, polar coordinates, complex numbers and DeMoivre's theorem; parametric equations, and vectors. Applications and problem solving skills are emphasized throughout the course.

Prerequisite: (MATH-092 (<http://catalog.neiu.edu/search/?P=MATH-092>) - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

MATH-176. Mathematics Enrichment Workshop For Trigonometry. 1 Hour.

Mathematics enrichment workshop for students currently enrolled in MATH-175 (<http://catalog.neiu.edu/search/?P=MATH-175>). The workshops draw on the Peer Led Team Learning (PLTL) and Emerging Scholars Program (ESP) models, which have been nationally identified for increasing students' probability of earning higher grades in their required mathematics courses. Workshop participants will attend a workshop during the same day and time each week; collaboratively solve problems related to their standard MATH-175 (<http://catalog.neiu.edu/search/?P=MATH-175>) course within small peer groups; receive guidance from math instructors who are specially trained to facilitate the workshops; and participate in social events with workshop peers during the semester.

Corequisite: MATH-175 (<http://catalog.neiu.edu/search/?P=MATH-175>).

MATH-177. Elementary Functions In The Sciences/Math. 3 Hours.

This is an application inspired college algebra course which covers linear, quadratic, general polynomial, exponential and logarithmic functions using applications from science and mathematics. Arithmetic and geometric sequences are introduced as difference equations to motivate the study of quantities that change over time. Curve fitting is used to interpret data. A graphing calculator is required.

Prerequisite: (MATH-092 (<http://catalog.neiu.edu/search/?P=MATH-092>) - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

MATH-178. Elementary Functions In The Sciences/Math Seminar. 1 Hour.

Enrichment Seminar accompanying MATH-177 (<http://catalog.neiu.edu/search/?P=MATH-177>). Students do problem solving in collaborative learning groups on material derived from and complementing Mathematical Modeling with Elementary Functions in the Sciences and Mathematics to gain a deeper understanding of concepts and applications. The content of the seminar is closely aligned with the content of MATH-177 (<http://catalog.neiu.edu/search/?P=MATH-177>).

Corequisite: MATH-177 (<http://catalog.neiu.edu/search/?P=MATH-177>).

MATH-185. Precalculus. 4 Hours.

A functional approach to College Algebra and Trigonometry, for students who intend to continue with Calculus I.

Prerequisite: (MATH-173 (<http://catalog.neiu.edu/search/?P=MATH-173>) - 499 or MATH-173A - 499Z or NEIU Math Placement Result 35 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 031 - 120).

MATH-186. Mathematics Enrichment Workshop For Precalculus. 1 Hour.

Enrichment workshop accompanying MATH-185 (<http://catalog.neiu.edu/search/?P=MATH-185>). Students do problem solving in collaborative learning groups on material derived from and supplementing Precalculus to gain a deeper understanding of concepts and applications. Prereq.: Restricted to students taking MATH-185 (<http://catalog.neiu.edu/search/?P=MATH-185>) concurrently.

Corequisite: MATH-185 (<http://catalog.neiu.edu/search/?P=MATH-185>).

MATH-187. Calculus I. 4 Hours.

Introduction to analytic geometry, limits and derivatives, applications, integration, fundamental theorem of calculus.

Prerequisites: (MATH-185 (<http://catalog.neiu.edu/search/?P=MATH-185>) - 499 or MATH-185A - 499Z or NEIU Math Placement Result 40 - 45 or ACT Math 28 - 36 or Accuplacer College Level Math 061 - 120 or (MATH-173 (<http://catalog.neiu.edu/search/?P=MATH-173>) and MATH-175 (<http://catalog.neiu.edu/search/?P=MATH-175>))).

MATH-188. Mathematics Enrichment Workshop for Calculus I. 1 Hour.

Enrichment Seminar accompanying MATH-107. Students do problem solving in collaborative learning groups on material derived from and supplementing Calculus I to gain a deeper understanding of concept and applications.

Corequisite: MATH-187 (<http://catalog.neiu.edu/search/?P=MATH-187>).

MATH-199S. Topics In Probability And Statistics For Middle School Teaching. 4 Hours.**MATH-202. Calculus II. 4 Hours.**

Integration techniques, applications, differential equations and series.

Prerequisite: (MATH-187 (<http://catalog.neiu.edu/search/?P=MATH-187>) or MATH-107 or NEIU Math Placement Result 40 - 45 or Accuplacer College Level Math 061 - 120).

MATH-203. Calculus III. 4 Hours.

3-D analytic geometry, partial derivatives, multiple integrals and vector fields.

Prerequisite: MATH-202 (<http://catalog.neiu.edu/search/?P=MATH-202>) minimum grade of C.

MATH-204. Math Enrichment Workshop For Math 203. 1 Hour.

Mathematics enrichment workshop for students currently enrolled in MATH-203 (<http://catalog.neiu.edu/search/?P=MATH-203>). The workshops draw on the Peer Led Team Learning (PLTL) and Emerging Scholars Program (ESP) models, which have been nationally identified for increasing students' probability of earning higher grades in their required mathematics courses. Workshop participants will attend a workshop during the same day and time each week; collaboratively solve problems related to their standard Math 203 course within small peer groups; receive guidance from math instructors who are specially trained to facilitate the workshops; and participate in social events with workshop peers during the semester.

Corequisite: MATH-203 (<http://catalog.neiu.edu/search/?P=MATH-203>).

MATH-251. Writing Intensive Program: Introduction To Advanced Mathematics. 5 Hours.

A bridge course between calculus and advanced mathematics. Students study the tools and proof techniques that serve as the basis for theoretical mathematics. Mathematical structure and the development of proficiency in reading, analyzing and constructing mathematical proofs are emphasized. Topics include logic, set theory, methods of proof, combinatorics, relations, functions and cardinality.

Prerequisites: (MATH-187 (<http://catalog.neiu.edu/search/?P=MATH-187>) minimum grade of C or MATH-107 minimum grade of C or NEIU Math Placement Result 40) and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

MATH-252. Math Enrichment Workshop For Math 251. 1 Hour.

Mathematics enrichment workshop for students currently enrolled in MATH-251 (<http://catalog.neiu.edu/search/?P=MATH-251>). The workshops draw on the Peer Led Team Learning (PLTL) and Emerging Scholars Program (ESP) models, which have been nationally identified for increasing students' probability of earning higher grades in their required mathematics courses. Workshop participants will attend a workshop during the same day and time each week; collaboratively solve problems related to their standard Math 251 course within small peer groups; receive guidance from math instructors who are specially trained to facilitate the workshops; and participate in social events with workshop peers during the semester.

Corequisite: MATH-251 (<http://catalog.neiu.edu/search/?P=MATH-251>).

MATH-253. Linear Algebra I. 3 Hours.

Matrices and systems of linear equations, analytic geometry in n-space, introduction to vector spaces, linear transformations, determinants and eigenvectors.

Prerequisites: (MATH-187 (<http://catalog.neiu.edu/search/?P=MATH-187>) minimum grade of C or MATH-107 minimum grade of C or NEIU Math Placement Result 40) and MATH-251 (<http://catalog.neiu.edu/search/?P=MATH-251>) minimum grade of C.

MATH-262. Mathematics Enrichment Workshop For Calculus II. 1 Hour.

Enrichment Seminar accompanying MATH-202 (<http://catalog.neiu.edu/search/?P=MATH-202>). Students do problem solving in collaborative learning groups on material derived from and supplementing Calculus II to gain a deeper understanding of concepts and applications.

Corequisite: MATH-202 (<http://catalog.neiu.edu/search/?P=MATH-202>).

MATH-273. Statistics With Applications. 4 Hours.

Prerequisite: (MATH-092 (<http://catalog.neiu.edu/search/?P=MATH-092>) - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

MATH-275. Applied And Computational Statistics. 4 Hours.

This course introduces students to the basic concepts, logic, and issues involved in statistical reasoning with wide variety of applications. It is designed to familiarize students to statistical vocabulary and concepts. Major topics include exploratory data analysis, an introduction to research methods, probability, statistical inference, and regression-based analysis of well-defined examples from biology, ecology, environmental sciences, finance, medicine, public health, psychology, and sociology. Computing will be carried out using R or SAS softwares in the course.

Prerequisite: MATH-173 (<http://catalog.neiu.edu/search/?P=MATH-173>) minimum grade of C.

MATH-280. Geometry Concepts For Educators. 4 Hours.

This course focuses on the concepts of plane and solid geometry and trigonometry. It is designed to meet the needs of math teachers in accordance with the NCTM teacher standards, Common Core

Mathematical Practices, Content and ELA Standards in Mathematics and the ISBE mathematics teacher standards. The topics include basic definitions and properties of plane and solid figures, congruence, similarity, constructions, measurements, transformations, Pythagorean Theorem, right angle trigonometry and the unit circle. Problem solving using manipulatives, calculator and computer programs is emphasized throughout. Writing assignments as appropriate are also part of the course. This course is linked with PHYS-108 (<http://catalog.neiu.edu/search/?P=PHYS-108>).

Prerequisite: MATH-141 (<http://catalog.neiu.edu/search/?P=MATH-141>) minimum grade of C or MATH-108 minimum grade of C or NEIU Math Placement Result 30 or ACT Math 22 or ACT Math 23 or ACT Math 24 or Accuplacer College Level Math 020 or Accuplacer College Level Math 021 or Accuplacer College Level Math 022 or Accuplacer College Level Math 023 or Accuplacer College Level Math 024 or Accuplacer College Level Math 025 or Accuplacer College Level Math 026 or Accuplacer College Level Math 027 or Accuplacer College Level Math 028 or Accuplacer College Level Math 029 or Accuplacer College Level Math 030.

Corequisite: PHYS-108 (<http://catalog.neiu.edu/search/?P=PHYS-108>).

MATH-281. Number Concepts For Educators. 4 Hours.

This course has been designed keeping in mind the NCTM teacher standards, Common Core Mathematical Practices, Content and ELA Standards in Mathematics and the ISBE mathematics teacher standards and the content and pedagogy necessary to prepare teachers to be teachers of math and science. A wide range of topics across number theory and measurement will give the students a grasp of the depth and breadth of mathematics outside the traditional course structures. Problem solving, estimation, measurements and construction of simple theories of numbers will be treated with and without the use of technology. Writing assignments will supplant the assignments typically found in a mathematics course. This course is linked with CHEM-108 (<http://catalog.neiu.edu/search/?P=CHEM-108>).

Prerequisite: MATH-141 (<http://catalog.neiu.edu/search/?P=MATH-141>) minimum grade of C or MATH-108 minimum grade of C or NEIU Math Placement Result 30 or ACT Math 22 or ACT Math 23 or ACT Math 24 or Accuplacer College Level Math 020 or Accuplacer College Level Math 021 or Accuplacer College Level Math 022 or Accuplacer College Level Math 023 or Accuplacer College Level Math 024 or Accuplacer College Level Math 025 or Accuplacer College Level Math 026 or Accuplacer College Level Math 027 or Accuplacer College Level Math 028 or Accuplacer College Level Math 029 or Accuplacer College Level Math 030.

Corequisite: CHEM-108 (<http://catalog.neiu.edu/search/?P=CHEM-108>).

MATH-301. Ordinary Differential Equations I. 3 Hours.

An introduction to Ordinary Differential Equations and applications. General first order and second order linear equations and numerical methods.

Prerequisite: MATH-203 (<http://catalog.neiu.edu/search/?P=MATH-203>) minimum grade of C.

MATH-302. Ordinary Differential Equations II. 3 Hours.

Linear and nonlinear systems, matrix methods and applications to problems in the sciences. Existence and stability theory. Boundary value problems and Fourier series.

Prerequisite: MATH-301 (<http://catalog.neiu.edu/search/?P=MATH-301>) minimum grade of C.

MATH-303. Partial Differential Equations. 3 Hours.

Introduction to partial differential equations and methods of finding solutions.

Prerequisite: MATH-301 (<http://catalog.neiu.edu/search/?P=MATH-301>) minimum grade of C.

MATH-304. Introduction To Numerical Analysis. 3 Hours.

Solutions of equations of one variable, interpolation and polynomial approximation, numerical integration and methods of solutions of linear systems.

Prerequisites: MATH-203 (<http://catalog.neiu.edu/search/?P=MATH-203>) minimum grade of C and MATH-253 (<http://catalog.neiu.edu/search/?P=MATH-253>) minimum grade of C and MATH-340 (<http://catalog.neiu.edu/search/?P=MATH-340>) minimum grade of C.

MATH-305. Probability And Statistics. 3 Hours.

Fundamentals and axioms; probability spaces; combinatorial probability; conditional probability; random variables; binomial, Poisson, uniform, normal, chi-square, Student's t-distribution; central limit theorem; Statistical Data Analysis: descriptive statistics, point and interval estimation, elements of hypothesis testing, small vs. large samples.

Prerequisites: MATH-187 (<http://catalog.neiu.edu/search/?P=MATH-187>) minimum grade of C and MATH-251 (<http://catalog.neiu.edu/search/?P=MATH-251>) minimum grade of C.

MATH-306. Linear Programming And Extensions. 3 Hours.

Linear programming models; geometric and algebraic foundations of the simplex algorithm; duality theory; the revised and dual algorithms; sensitivity analysis; integer programming.

Prerequisites: MATH-203 (<http://catalog.neiu.edu/search/?P=MATH-203>) minimum grade of C and MATH-253 (<http://catalog.neiu.edu/search/?P=MATH-253>) minimum grade of C.

MATH-307. Probability Models For Operations Research. 3 Hours.

This course focuses on basic mathematical aspects of stochastic models with the emphasis on problem solving. Topics include Markov processes, Markov chains, and Queuing Theory.

Prerequisite: MATH-305 (<http://catalog.neiu.edu/search/?P=MATH-305>) minimum grade of C or MATH-334 (<http://catalog.neiu.edu/search/?P=MATH-334>) minimum grade of C.

MATH-309. Numerical Analysis II. 3 Hours.

Iterative methods for linear and non-linear systems of equations, approximation of eigenvalues, initial value problems, ordinary and partial boundary value problems and approximation theory.

Prerequisite: MATH-304 (<http://catalog.neiu.edu/search/?P=MATH-304>) minimum grade of C.

MATH-312. Foundations Of Geometry. 3 Hours.

This course is a rigorous study of Euclidean and non-Euclidean geometries. Topics include transformational and projective geometry, axiomatic systems, and models.

Prerequisites: MATH-253 (<http://catalog.neiu.edu/search/?P=MATH-253>) minimum grade of C and MATH-251 (<http://catalog.neiu.edu/search/?P=MATH-251>) minimum grade of C.

MATH-321. History Of Mathematics. 3 Hours.

Chronological survey of the growth of mathematical ideas, and of famous mathematicians and their contribution to the development of modern mathematics.

Prerequisites: MATH-253 (<http://catalog.neiu.edu/search/?P=MATH-253>) minimum grade of C and MATH-251 (<http://catalog.neiu.edu/search/?P=MATH-251>) minimum grade of C.

MATH-322. Number Theory. 3 Hours.

Properties of rational integers, congruences, quadratic residues and Diophantine equations.

Prerequisites: MATH-251 (<http://catalog.neiu.edu/search/?P=MATH-251>) minimum grade of C and MATH-253 (<http://catalog.neiu.edu/search/?P=MATH-253>) minimum grade of C.

MATH-324. Independent Study In Mathematics. 3 Hours.

Individual investigation into a topic of interest of the student's choice.

MATH-326. Real Analysis. 3 Hours.

An introduction to the methods of classical analysis as applied to the formulation of the theory of Riemann integrable functions and to the theoretical examination of the behavior of sequences and series of functions of a real variable.

Prerequisite: MATH-338 (<http://catalog.neiu.edu/search/?P=MATH-338>) minimum grade of C.

MATH-328. Complex Variables. 3 Hours.

Introduction to the functions of a complex variable: Cauchy-reimann equations, Cauchy integral theorems and series expansions.

Prerequisites: MATH-338 (<http://catalog.neiu.edu/search/?P=MATH-338>) minimum grade of C and MATH-339 (<http://catalog.neiu.edu/search/?P=MATH-339>) minimum grade of C.

MATH-331. Abstract Algebra I. 3 Hours.

This course is an introduction to the mathematical theory of groups. Topics include: properties of groups, homomorphisms, isomorphisms, Lagrange's Theorem and factor groups. Students will build on their basic knowledge of number systems, linear algebra, set theory, functions and mathematical proofs in order to understand, construct and apply algebraic proofs; illustrate algebraic concepts or disprove false statements by providing examples; and calculate with algebraic objects. Applications of algebra and connections between algebra and other fields of mathematical study are emphasized.

Prerequisites: MATH-251 (<http://catalog.neiu.edu/search/?P=MATH-251>) minimum grade of C and MATH-253 (<http://catalog.neiu.edu/search/?P=MATH-253>) minimum grade of C.

MATH-332. Abstract Algebra II. 3 Hours.

This course is a continuation of Math 331 with a focus on the mathematical theory of rings and fields. Topics include: ideals, factor rings, finite fields, field extensions, and selected applications. Students will build on their prior knowledge of algebraic systems and algebraic proofs in order to understand, construct, and apply proofs about rings and fields; illustrate ring- and field- theoretic concepts or disprove false statements by providing examples; and calculate with algebraic objects. Applications of algebra and connections between algebra and other fields of mathematical study are emphasized.

Prerequisite: MATH-331 (<http://catalog.neiu.edu/search/?P=MATH-331>) minimum grade of C.

MATH-334. Mathematical Statistics I. 3 Hours.

Fundamentals of probability, expectations, moment generating functions, distributions: (binomial, hypergeometric, geometric, negative binomial, Poisson, uniform, gamma, exponential, chisquare, normal, beta, student-t, F), central limit theorem, convergence in distribution.

Prerequisite: MATH-203 (<http://catalog.neiu.edu/search/?P=MATH-203>) minimum grade of C.

MATH-336. Mathematical Statistics II. 3 Hours.

Study of estimation procedures including point and interval estimation tests of hypothesis, general procedures for developing tests.

Prerequisite: MATH-334 (<http://catalog.neiu.edu/search/?P=MATH-334>) minimum grade of C.

MATH-337. Theory Of Equations. 3 Hours.

Study of algebraic equations, existence and properties of solutions; algebraic methods of solution; numerical and algorithmic methods of solution.

Prerequisites: MATH-202 (<http://catalog.neiu.edu/search/?P=MATH-202>) minimum grade of C and MATH-251 (<http://catalog.neiu.edu/search/?P=MATH-251>) minimum grade of C.

MATH-338. Introduction To Real Analysis. 3 Hours.

This course is an introductory course in the theory of functions of a real variable. It develops the properties of the real numbers as a complete ordered field and introduces the topological concepts of neighborhoods, open sets, closed sets, and compact sets. Based on this, the course provides a rigorous treatment of: a) sequences of real numbers (convergence, boundedness, upper and lower limits); b) real functions of a single variable including continuity, uniform continuity (optional), differentiability, integrability, and related properties; c) series of real numbers (convergence and absolute convergence); d) introduction to function series (power series).

Prerequisites: MATH-203 (<http://catalog.neiu.edu/search/?P=MATH-203>) minimum grade of C and MATH-251 (<http://catalog.neiu.edu/search/?P=MATH-251>) minimum grade of C.

MATH-339. Vector Calculus. 3 Hours.

This course is a natural extension of differential and integral calculus, where the variables and values of functions are vectors instead of numbers. Such concepts as limits and continuity, derivatives and integrals, extrema and approximation are generalized for multi-dimensional Euclidean spaces. The course also introduces vector fields, line and surface integrals as well as fundamental theorems based on these concepts.

Prerequisites: MATH-203 (<http://catalog.neiu.edu/search/?P=MATH-203>) minimum grade of C and MATH-253 (<http://catalog.neiu.edu/search/?P=MATH-253>) minimum grade of C.

MATH-340. Computing For Mathematicians. 4 Hours.

Fundamentals of computer programming, experimentation, and simulation in mathematics with Maple and Fortran programming language. Introduction to documentation, electronic communication and problem solving in mathematical sciences. No prior computer skills required.

Prerequisite: MATH-202 (<http://catalog.neiu.edu/search/?P=MATH-202>) minimum grade of C.

MATH-343. Linear Algebra II. 3 Hours.

A continuation of MATH-243 with emphasis on computational methods and application, LU, QR and SVD Factorizations.

Prerequisites: MATH-203 (<http://catalog.neiu.edu/search/?P=MATH-203>) minimum grade of C and MATH-253 (<http://catalog.neiu.edu/search/?P=MATH-253>) minimum grade of C.

MATH-361. Set Theory. 3 Hours.**MATH-362. Metric Spaces And Topology. 3 Hours.****MATH-365. Statistical Computer And Data Analysis Packages. 3 Hours.**

Study of topics from current statistical packages such as SAS, SPSS, BMDP and MINITAB.

Prerequisites: MATH-334 (<http://catalog.neiu.edu/search/?P=MATH-334>) minimum grade of C and MATH-340 (<http://catalog.neiu.edu/search/?P=MATH-340>) minimum grade of C.

MATH-370. Mathematical Modeling In The Natural Sciences. 4 Hours.

This course focuses on the formulation, analysis, and interpretation of mathematical models describing certain phenomena in the natural sciences.

Topics include: difference equations, systems of difference equations, nonlinear difference equations, continuous models, phase planes – stability analysis, and limit cycles.

Prerequisite: MATH-202 (<http://catalog.neiu.edu/search/?P=MATH-202>) minimum grade of D.

MATH-374. Modeling And Simulations Of Complex Systems Networks. 4 Hours.

This course covers basic mathematical and statistical methods for analyzing computational spatial models in various applications, focusing on individual attributes (social influence or contagion) and network structure of groups. The course will incorporate simple graph theoretical approaches as well as construction and analysis of network-based models (NBM) and agent-based models (ABM) with complex systems applications from epidemiology, finance/business, medicine, psychology, and social sciences. The NBM involves the characterization of the structures of social networks or subsets of these networks to understand their influence on behaviors and outcomes. The ABM involves the use of stochastic analysis and simulations of individuals, in space, over time to understand how macro-level distribution patterns of outcomes may emerge from explicitly modeled, micro-level behaviors, social interactions, and movement of these individuals in their environments. Students will interpret published research and produce a research proposal by the end of the semester.

Prerequisites: MATH-202 (<http://catalog.neiu.edu/search/?P=MATH-202>) minimum grade of C and (MATH-275 (<http://catalog.neiu.edu/search/?P=MATH-275>) minimum grade of C or MATH-273 (<http://catalog.neiu.edu/search/?P=MATH-273>) minimum grade of C).

MATH-380. Calculus Concepts For Educators. 4 Hours.

Course is designed keeping in mind the NCTM teacher standards, Common Core Mathematical Practices, Content and ELA Standards in Mathematics and the ISBE mathematics teacher standards and the understanding that many of the students are preparing to be mathematics teachers. Course emphasis is on developmentally responsive conceptual knowledge, content specific knowledge and pedagogical knowledge. Course will focus on real applications including applications to study of ecology and change and on process not procedures. Topics are consistent with a standard calculus course and include: analytical geometry, limits and derivatives, differential equations, polynomials, applications, integration, series, fundamental theorem of calculus. This course is integrated with NEIU BIO-299 (<http://catalog.neiu.edu/search/?P=BIO-299>).

MATH-381. Concepts In Discrete Mathematics For Educators. 3 Hours.

Designed especially for teachers, this course provides a foundational experience in discrete mathematics through an emphasis on topics in graph theory. Students will learn about mathematics as an active process of making conjectures, testing ideas, and proving conclusions. Special emphasis is given to mathematical communication, problem-solving, and applications to the sciences. Topics include: the Four Color Theorem, trees, digraphs, bipartite graphs, planar graphs, Platonic solids, Euler and Hamilton circuits, the P+NP Problem, algorithms and combinatorial explosion. Students will first learn the mathematics and then explore how it connects to developmentally responsive school curriculum.

Prerequisite: MATH-380 (<http://catalog.neiu.edu/search/?P=MATH-380>) minimum grade of C or MATH-199X minimum grade of C.

MATH-406. Linear Programming: Theory And Practice. 3 Hours.

Optimization models; theoretical foundations of simplex algorithms and duality; revised and dual algorithms; sensitivity and analysis; additional topics from extended LP interger programming, networks, recent trends.

MATH-408. Mathematics Structures For Elementary School Teachers I. 3 Hours.

Mathematics topics and techniques that are relevant to advanced mathematics learning and the teaching of mathematics in the schools: Elementary logic, elementary sets, binary operations, introduction to algebraic structures, number systems, geometry and elements of graph theory.

MATH-409. Mathematical Functions For Elementary School Teachers I. 3 Hours.

For elementary school teachers. The function concept; polynomial functions; solution of linear and quadratic equations; simultaneous equations; the binomial theorem; circular functions; solution of triangles; trigonometric identities and equations; exponential and logarithmic functions; rectangular and polar coordinate systems; the conic sections. Graphics calculator required.

Prerequisite: MATH-408 (<http://catalog.neiu.edu/search/?P=MATH-408>) minimum grade of C.

MATH-410. Modern Analysis For The Elementary School Teacher. 3 Hours.

Limits and continuity, derivatives, applications, integral calculus, applications.

Prerequisite: MATH-435 (<http://catalog.neiu.edu/search/?P=MATH-435>) minimum grade of C.

MATH-421. Modern Geometry. 3 Hours.

Classification of geometrical systems; introduction to Euclidean and non-Euclidean geometries, projective geometry; finite geometries.

Prerequisite: MATH-312 (<http://catalog.neiu.edu/search/?P=MATH-312>) minimum grade of C.

MATH-430. Discrete Mathematical Structures. 3 Hours.

Provides a working knowledge of mathematical logic, sets, relations, functions, graphs, and counting techniques.

MATH-435. Mathematics Structure II. 3 Hours.

The real number system, mathematical systems, inductive and deductive methods, permutations and combinations.

Prerequisite: MATH-408 (<http://catalog.neiu.edu/search/?P=MATH-408>) minimum grade of C.

MATH-436. Modern Algebra. 3 Hours.

Prerequisite: MATH-331 (<http://catalog.neiu.edu/search/?P=MATH-331>) minimum grade of C.

MATH-439. Computers In Education. 3 Hours.

Investigation into the use of computers for CAI, statistical packages and solutions of mathematical problems. Students learn to write programs in Basic.

Prerequisite: MATH-438 minimum grade of C.

MATH-441. Multivariate Statistical Analysis. 3 Hours.

The essential methods of the multivariate statistical analysis; Hotteling's T, discriminant function, principal components, factor analysis, canonical correlations and cluster analysis with emphasis on application and real data analysis.

Prerequisite: MATH-336 (<http://catalog.neiu.edu/search/?P=MATH-336>) minimum grade of C.

MATH-442. Applied Regression Analysis. 3 Hours.

Methodology of regression analysis with attention to model building, evaluating fit, and examining reliability of the model; regression and general least squares theory, estimation of regression coefficients, polynomial regression, step-wise regression, residual analysis, choice of transformation for variable and forecasting; with applications and real data analysis.

Prerequisite: MATH-336 (<http://catalog.neiu.edu/search/?P=MATH-336>) minimum grade of C.

MATH-443. Experimental Design. 3 Hours.

One-way and two-way analysis of variance, fixed and random effects models, multiple comparisons, completely randomized and randomized block designs.

Prerequisite: MATH-336 (<http://catalog.neiu.edu/search/?P=MATH-336>) minimum grade of C.

MATH-457. Recent Trends In Mathematics. 3 Hours.

Extended applications of mathematical thinking, operations research, mathematical models, information theory, theory of games, and linear programming.

Prerequisite: MATH-435 (<http://catalog.neiu.edu/search/?P=MATH-435>) minimum grade of C.

MATH-465. Advanced Topics In Numerical Analysis. 3 Hours.

This course aims to teach participants advanced theories, algorithms and computational techniques of numerical analysis. Topics include numerical linear algebra, iteration methods and convex programming, numerical methods for ordinary and partial differential equations, functional approximation and data analysis, digital spectral analysis, design and analysis of mathematical software, and mathematical methods in computer graphics. Participants will become familiar with the process of solving scientific and engineering problems by applying/modifying numerical algorithms that are implemented in standard software packages, designing new algorithms, conducting analysis on accuracy, efficiency and stability, as well as interpreting computational results through graphics and simulations.

Prerequisite: MATH-304 (<http://catalog.neiu.edu/search/?P=MATH-304>) minimum grade of C.

MATH-466. Galois Theory: Historical And Modern. 3 Hours.

Classical and modern Galois theory. Cardano's formulas, symmetric polynomials, permutation groups, field extensions, field automorphisms, the fundamental theorem of Galois theory.

Prerequisite: MATH-331 (<http://catalog.neiu.edu/search/?P=MATH-331>) minimum grade of C.

MATH-471. Introduction To Stochastic Models. 3 Hours.

Markov Chains: the Poisson process; continuous time Markov processes; Renewal Theory; Queuing Theory.

Prerequisite: MATH-305 (<http://catalog.neiu.edu/search/?P=MATH-305>) minimum grade of C.

MATH-472. Simulation Modeling And Analysis. 3 Hours.

Design and analysis of computer simulations of complex systems. Network, discrete event and continuous models are treated in a unifying setting. Computer model of a variety of systems are implemented and analyzed using a general purpose simulation language.

Prerequisite: MATH-334 (<http://catalog.neiu.edu/search/?P=MATH-334>) minimum grade of C.

MATH-473D. Advanced Topics In Operations Research: Decision Theory. 3 Hours.**MATH-474. Mathematical Modeling. 3 Hours.**

Formulation, analysis and interpretation of mathematical models describing phenomena from the natural and social sciences. Topics may include: model construction, explicative versus predictive models, model fitting, optimization, empirical models, simulation models, dynamical models, dimensional analysis and other related topics. A term project (team or individual) will be required.

MATH-475. Advanced Topics In Operations Research: Mathematical Programming. 3 Hours.

This course offers an overview of deterministic optimization models and methods including linear programming methods, multi-objective optimization, methods of discrete optimization, and nonlinear programming methods.

Prerequisites: MATH-253 (<http://catalog.neiu.edu/search/?P=MATH-253>) minimum grade of C and MATH-339 (<http://catalog.neiu.edu/search/?P=MATH-339>) minimum grade of C.

MATH-491. Independent Study In Mathematics. 1 Hour.

Individual investigation into a topic of interest of the student's choice.

MATH-492. Independent Study In Mathematics. 2 Hours.

(See MATH-491 (<http://catalog.neiu.edu/search/?P=MATH-491>) for descriptions.).

MATH-493. Independent Study In Mathematics. 3 Hours.

(See MATH-491 (<http://catalog.neiu.edu/search/?P=MATH-491>) for descriptions.).

MATH-495. Project In Mathematics. 3 Hours.

Students prepare a project involving both the theory and computational tools learned in their concentration. Students present both written and oral reports to the department.

MATH-5901. Thesis Hours. 1 Hour.

Guidance of students conducting research and writing a thesis to fulfill requirements for the Master of Science degree in Mathematics is conducted in this course. Students may register for 1-4 credits per term with 6 credits required for the thesis option of the Master of Science in Mathematics. All MATH-590 credits must be earned within the equivalent of 2 academic years.

MATH-5902. Thesis Hours. 2 Hours.

See course description for MATH-5901 (<http://catalog.neiu.edu/search/?P=MATH-5901>).

MATH-5903. Thesis Hours. 3 Hours.

See course description for MATH-5901 (<http://catalog.neiu.edu/search/?P=MATH-5901>).

Middle Schl Educ & Tchng (MLED)

Courses

MLED-301. Curriculum & Instruction In The Middle School. 3 Hours.

The relationship of theory to practice is studied in a variety of middle school curricula. Analyses and interpretations of teaching-learning processes are conducted. Special attention is directed to: (1) instructional objectives in planning, (2) application of theories of adolescent development, learning, classroom management, and instructional methodology to multicultural curriculum development, (3) unit and lesson planning, and (4) evaluation techniques. Strategies for meeting the needs of students with special needs are explored.

MLED-302. Writing Intensive Program: Foundations Of Teaching English Language Arts In Middle Grades. 3 Hours.

This course is designed to provide candidates with an overview of the theory, best practices, curriculum design, and materials used in teaching language arts at the middle school level grades 5-8. Language Arts instruction includes mastery of six language arts competencies: reading, writing, listening, talking, viewing and visual representation. The course addresses differentiating instruction to meet the needs of diverse learners with attention to special needs students and English learners. This is a writing intensive course affording students the opportunity to demonstrate competency in writing in various genres.

Prerequisites: EDFN-305 (<http://catalog.neiu.edu/search/?P=EDFN-305>) minimum grade of C and EDFN-319 minimum grade of C.

MLED-304. Inquiry-Based Social Studies In The Middle Grades. 3 Hours.

This course explores teaching, learning, and curriculum in middle grade social studies. The course has an emphasis on creating an interdisciplinary inquiry-based social studies classroom, designing project-based curriculum units, and finding and teaching with real-world resources. The course explores the vital role of social studies in a democratic society, social responsibility, teaching critical thinking, decision-making, and problem solving skills, and includes a focus on curricular integration of cultural diversity, global awareness, technology, and integrating literature in social studies. Students will also explore integrating standards and teaching skills for reading and writing informational texts in social studies.

Prerequisites: EDFN-305 (<http://catalog.neiu.edu/search/?P=EDFN-305>) minimum grade of C and EDFN-319 minimum grade of C.

MLED-305. Methods Of Teaching Science In Middle School. 3 Hours.

-This course prepares middle level teacher candidates to teach science skills and content. Emphasis is upon the nature of science and scientific inquiry, interdisciplinary inquiry-based teaching, multicultural science teaching, classroom management, data-driven assessments, science and civic engagement (i.e., service learning), and contemporary research and practice for science pedagogy in grades 5-8. Innovative education technology is applied to promote candidates' problem solving and effective science teaching and learning as an integral aspect of the course.

Prerequisites: EDFN-305 (<http://catalog.neiu.edu/search/?P=EDFN-305>) minimum grade of C and EDFN-319 minimum grade of C and ELED-300 (<http://catalog.neiu.edu/search/?P=ELED-300>) minimum grade of B and SPED-317 (<http://catalog.neiu.edu/search/?P=SPED-317>) minimum grade of B and MLED-302 (<http://catalog.neiu.edu/search/?P=MLED-302>) minimum grade of B and MLED-310 (<http://catalog.neiu.edu/search/?P=MLED-310>) minimum grade of B.

MLED-306. Methods Of Literacy Education In Middle School. 3 Hours.

This course is designed for candidates to develop the knowledge and skills to teach literacy in middle level classrooms, grades 5-8. Content includes: learning theories, vocabulary, comprehension, the writing process, assessment, and differentiation. Issues of diversity and equity as they relate to literacy teaching and learning in today's 21st century context will be threaded throughout the course and grounded in research on adolescent development.

Prerequisites: EDFN-305 (<http://catalog.neiu.edu/search/?P=EDFN-305>) minimum grade of C and EDFN-319 minimum grade of C and ELED-300 (<http://catalog.neiu.edu/search/?P=ELED-300>) minimum grade of B and SPED-317 (<http://catalog.neiu.edu/search/?P=SPED-317>) minimum grade of B and MLED-302 (<http://catalog.neiu.edu/search/?P=MLED-302>) minimum grade of B and MLED-310 (<http://catalog.neiu.edu/search/?P=MLED-310>) minimum grade of B and BLBC-339 (<http://catalog.neiu.edu/search/?P=BLBC-339>) minimum grade of B and MLED-328A (<http://catalog.neiu.edu/search/?P=MLED-328A>) minimum grade of B and ELED-303 (<http://catalog.neiu.edu/search/?P=ELED-303>) minimum grade of B and MLED-309 (<http://catalog.neiu.edu/search/?P=MLED-309>) minimum grade of B and MLED-305 (<http://catalog.neiu.edu/search/?P=MLED-305>) minimum grade of B.

Corequisite: ELED-328B (<http://catalog.neiu.edu/search/?P=ELED-328B>).

MLED-309. Reading And Writing In The Content Areas. 1.5 Hour.

In this course candidates will develop the knowledge, skills, and understandings to support the literacy development of students in middle grades (5-8) with a focus on literacy in the content areas. Topics include: learning theories, literacy strategies in the disciplines, assessment, differentiation, use of informational text, technology, and planning for instruction. Issues of motivation, engagement, and cultural relevance are integrated throughout.

Prerequisites: EDFN-305 (<http://catalog.neiu.edu/search/?P=EDFN-305>) minimum grade of C and EDFN-319 minimum grade of C and ELED-300 (<http://catalog.neiu.edu/search/?P=ELED-300>) minimum grade of B and SPED-317 (<http://catalog.neiu.edu/search/?P=SPED-317>) minimum grade of B and MLED-302 (<http://catalog.neiu.edu/search/?P=MLED-302>) minimum grade of B and MLED-310 (<http://catalog.neiu.edu/search/?P=MLED-310>) minimum grade of B.

Corequisite: ELED-303 (<http://catalog.neiu.edu/search/?P=ELED-303>).

MLED-310. Math Methods In The Middle Grades. 3 Hours.

This course is a study of instructional methods and materials for teaching mathematics to middle level students, including linguistically, culturally diverse learners and exceptional children. Students explore theoretical and practical frameworks and develop materials, techniques, and assessments for the teaching of middle school mathematics in grades 5-8. Students engage in mathematical processes to promote critical thinking and explore middle level math concepts and skills. Problem solving, modeling, and teaching middle school mathematics in interdisciplinary contexts are emphasized.

Prerequisites: EDFN-305 (<http://catalog.neiu.edu/search/?P=EDFN-305>) minimum grade of C and EDFN-319 minimum grade of C.

MLED-328A. Clinical Experience English Learners In Middle Grades. 2 Hours.

This course provides teacher candidates who are enrolled in BLBC-339 (<http://catalog.neiu.edu/search/?P=BLBC-339>) Culturally Responsive Teaching in Diverse Classrooms with intensive clinical experience in grades 6#8 middle level classrooms with culturally and linguistically diverse (CLD) students. This course provides candidates with opportunities for observations and supervised teaching with English learners. Candidates meet with a university supervisor in weekly seminars. This course fulfills 100 clock hours of the 200 clinical experience hours required by the State for certification/licensure.

Prerequisites: EDFN-305 (<http://catalog.neiu.edu/search/?P=EDFN-305>) minimum grade of C and EDFN-319 minimum grade of C and ELED-300 (<http://catalog.neiu.edu/search/?P=ELED-300>) minimum grade of B and SPED-317 (<http://catalog.neiu.edu/search/?P=SPED-317>) minimum grade of B and MLED-302 (<http://catalog.neiu.edu/search/?P=MLED-302>) minimum grade of B and MLED-310 (<http://catalog.neiu.edu/search/?P=MLED-310>) minimum grade of B.

Corequisite: BLBC-339 (<http://catalog.neiu.edu/search/?P=BLBC-339>).

MLED-328B. Clinical Experience Literacy In Middle Grades. 2 Hours.

This weekly seminar provides clinical experience in middle school for students enrolled in MLED-306 (<http://catalog.neiu.edu/search/?P=MLED-306>).

The clinical involves observation and supervised teaching with a focus on literacy in grades 6#8 classrooms. The seminars will also provide an overview and preparation to complete edTPA during student teaching. This course fulfills 100 of the 200 required clock hours of clinical experiences.

Prerequisites: EDFN-305 (<http://catalog.neiu.edu/search/?P=EDFN-305>) minimum grade of C and EDFN-319 minimum grade of C and ELED-300 (<http://catalog.neiu.edu/search/?P=ELED-300>) minimum grade of B and SPED-317 (<http://catalog.neiu.edu/search/?P=SPED-317>) minimum grade of B and MLED-302 (<http://catalog.neiu.edu/search/?P=MLED-302>) minimum grade of B and MLED-310 (<http://catalog.neiu.edu/search/?P=MLED-310>) minimum grade of B and BLBC-339 (<http://catalog.neiu.edu/search/?P=BLBC-339>) minimum grade of B and MLED-328A (<http://catalog.neiu.edu/search/?P=MLED-328A>) minimum grade of B and ELED-303 (<http://catalog.neiu.edu/search/?P=ELED-303>) minimum grade of B and MLED-309 (<http://catalog.neiu.edu/search/?P=MLED-309>) minimum grade of B and MLED-305 (<http://catalog.neiu.edu/search/?P=MLED-305>) minimum grade of B.

Corequisite: MLED-306 (<http://catalog.neiu.edu/search/?P=MLED-306>).

MLED-328M. Clinical Experiences In Elementary/Middle School Math. 1 Hour.

A supervised clinical experience designed with less emphasis on observational experiences and more on direct involvement in the instructional process. Includes a biweekly seminar meeting on campus and 50 clock hours of individual visits to a local K-8 school with a strong emphasis on middle level mathematics teaching that effectively integrates science into the curriculum. Must be taken with the academic methods course and academic and clinical experiences courses for science. Currently taken only by MSTQE math-science minors in the term before student teaching and completion of the program.

Prerequisites: MLED-301 (<http://catalog.neiu.edu/search/?P=MLED-301>) minimum grade of C and MLED-340 (<http://catalog.neiu.edu/search/?P=MLED-340>) minimum grade of C and MLED-335 (<http://catalog.neiu.edu/search/?P=MLED-335>) minimum grade of C.

MLED-328S. Clinical Experiences In Elementary/ Middle School Science. 1 Hour.

A supervised clinical experience designed with less emphasis on observational experiences and more on direct involvement in the instructional process. Includes a biweekly seminar meeting on campus and 50 clock hours of individual visits to a local K-8 school with a strong emphasis on middle level science teaching that effectively integrates mathematics into the curriculum. Must be taken with the academic methods course and academic and clinical experiences courses for mathematics. Currently taken only by MSTQE math-science minors in the term before student teaching and completion of the program.

Prerequisites: MLED-301 (<http://catalog.neiu.edu/search/?P=MLED-301>) minimum grade of C and MLED-340 (<http://catalog.neiu.edu/search/?P=MLED-340>) minimum grade of C and MLED-335 (<http://catalog.neiu.edu/search/?P=MLED-335>) minimum grade of C.

MLED-329. Student Teaching In The Middle School. 7.5 Hours.

This course is 16 weeks of full#day student teaching under the tutelage of a licensed Cooperating Teacher in a middle school classroom in the Candidate's endorsement area. Candidates are required to take full responsibility for a class of middle school students, attend weekly seminars, and prepare for regular visits with the University Supervisor.

Prerequisites: Illinois Content Area Test PASS and MLED-328A (<http://catalog.neiu.edu/search/?P=MLED-328A>) minimum grade of B.

Corequisite: EDFN-308 (<http://catalog.neiu.edu/search/?P=EDFN-308>).

MLED-335. Teaching Science At The Middle School/ Elementary Levels W/ Problem Solving. 3 Hours.

A study of instructional methods and materials for teaching science to all K-9 students, focusing on the development of lessons and units that promote scientific thinking, utilization of basic scientific principles, and inquiry approaches to learning. Strong emphasis on: (1) planning and methodology to meet the unique needs of middle school science students and (2) integrating mathematics throughout the middle school science curriculum. Includes 50 clock hours of clinical experience with local K-9 teachers of science who effectively integrate mathematics into curriculum.

MLED-340. Teaching Mathematics At The Middle School/ Elementary Levels W/ Problem Solving. 3 Hours.

A study of instructional methods and materials for teaching mathematics to all K-9 students, focusing on the development of lessons and units that promote mathematical thinking, utilization of basic mathematical principles, and inquiry approaches to learning. Strong emphasis on : (1) planning and methodology to meet the unique needs of middle school mathematics students and (2) integrating science throughout the middle school mathematics curriculum. Includes 50 clock hours of clinical experience with local k-9 teachers of mathematics who effectively integrate science into curriculum.

MLED-403. Methods Of Teaching Mathematics In Middle School. 3 Hours.

This course involves the investigation and development of research, methodology, techniques, content, and teaching aids for the teaching of mathematical concepts to all middle grade students, grades 5-8, including special needs, EL, LEP, exceptional, and gifted in diverse, multicultural classrooms. Different instructional models will be explored, research methods considered, current resources identified, and collaborative efforts will be investigated. The course includes a focus on differentiation and appropriate classroom management techniques.

Prerequisites: EDFN-506 minimum grade of C and EDFN-443 (<http://catalog.neiu.edu/search/?P=EDFN-443>) minimum grade of C.

MLED-415. Teaching Science As Inquiry In Middle School. 3 Hours.

This course prepares middle level teacher candidates to teach science skills and content in grades 5-8. Emphasis is upon the nature of science and scientific inquiry, interdisciplinary inquiry-based teaching, multicultural science teaching, classroom management, formal and informal assessments, STEM (Science, Technology, Engineering, and Mathematics), science and civic engagement (i.e., service learning), and contemporary research and practice for science pedagogy for diverse adolescent learners. Innovative education technology is applied to promote candidates' problem solving and effective science teaching and learning as an integral aspect of the course.

MLED-416. Social Studies As Inquiry In The Middle Grades. 3 Hours.

This course is a study of the theory and practice of teaching social studies in middle grades 5-8. The course has an emphasis on creating an inquiry-based classroom and designing project-based units. The course explores the vital roles of social studies in a democratic society, including active and critical citizenship, social responsibility, teaching critical thinking, decision-making, and problem solving. The course focuses on curricular integration of cultural diversity, global awareness, technology, integrating literature, and strategies for reading and writing informational texts. The course includes teaching with standards and applying assessment strategies.

MLED-428A. Clinical Experience: Literacy In The Middle Grades. 1 Hour.

This 50-hour clinical teaching experience involves supervised and graduated literacy observation and teaching with middle level students in grades 5-8. This clinical experience has a thematic focus on teaching literacy (language arts). Students will conduct classroom observations and spend a minimum of 35 hours teaching literacy one-on-one, in small groups, and the whole class. A university supervisor will observe students teaching a minimum of two times.

Corequisite: ELED-504 (<http://catalog.neiu.edu/search/?P=ELED-504>).

MLED-428B. Clinical Experience English Learners. 1 Hour.

This course provides teacher candidates who are enrolled in BLBC-440 (<http://catalog.neiu.edu/search/?P=BLBC-440>) Culture and Language in Diverse Classrooms with clinical experience in grades 5-8 in middle level elementary classrooms with culturally and linguistically diverse (CLD) students. This course provides candidates with opportunities for observation and teaching middle grade English learners. This course fulfills 50 clock hours of the 200 clinical experience hours required by the MAT/MLED program. MLED candidates will be observed teaching a minimum of two times by their University Supervisor.

Corequisite: BLBC-440 (<http://catalog.neiu.edu/search/?P=BLBC-440>).

MLED-428C. Clinical Experience Endorsement Areas In The Middle Grades. 1 Hour.

This 100-hour clinical experience involves supervised teaching with middle level students in grades 5-8 in the candidate's endorsement area (literacy, social studies, math, or science). All 100 hours will be in the endorsement area and participation in grade-level team activities. The clinical seminar is integrated into the methods courses being taken concurrently (LTCY-502 (<http://catalog.neiu.edu/search/?P=LTCY-502>), MLED-450 (<http://catalog.neiu.edu/search/?P=MLED-450>) or EDFN-450 (<http://catalog.neiu.edu/search/?P=EDFN-450>), MLED-403 (<http://catalog.neiu.edu/search/?P=MLED-403>), MLED-415 (<http://catalog.neiu.edu/search/?P=MLED-415>), or MLED-416 (<http://catalog.neiu.edu/search/?P=MLED-416>)). Students will conduct classroom observations and will spend a minimum of 75 hours teaching one-on-one, in small groups, and the whole class. A university supervisor will observe students teaching a minimum of three times. Taken concurrently with at minimum ONE of the following courses in the candidates' endorsement area: LTCY-502 (<http://catalog.neiu.edu/search/?P=LTCY-502>) Content Area Literacy; MLED-403 (<http://catalog.neiu.edu/search/?P=MLED-403>) Teaching Math MG; MLED-415 (<http://catalog.neiu.edu/search/?P=MLED-415>) Teaching Science MG; MLED-416 (<http://catalog.neiu.edu/search/?P=MLED-416>) Teaching Social Studies MG.

MLED-429. Internship In The Middle Grades. 6 Hours.

This course is the seminar for student teaching in the middle grades. Candidates are engaged in full-time student teaching for 16 weeks in their endorsement area. With support from their Cooperating Teacher and University Supervisor students gradually increase their classroom responsibilities and then assume complete responsibility for all curriculum planning and teaching for five weeks. Students will design and teach an original instructional unit. In this course students complete their Teacher as Learner Presentation (TLP) and edTPA portfolio. The University Supervisor will observe candidates teaching a minimum of five times. Completion of all required content courses to earn the endorsement (math, science, literacy, social studies).

Prerequisites: ELED-506 (<http://catalog.neiu.edu/search/?P=ELED-506>) minimum grade of C and EDFN-442 (<http://catalog.neiu.edu/search/?P=EDFN-442>) minimum grade of C and ELED-435 (<http://catalog.neiu.edu/search/?P=ELED-435>) minimum grade of C and ELED-504 (<http://catalog.neiu.edu/search/?P=ELED-504>) minimum grade of C and LTCY-402 (<http://catalog.neiu.edu/search/?P=LTCY-402>) minimum grade of C and SPED-404 (<http://catalog.neiu.edu/search/?P=SPED-404>) minimum grade of C and BLBC-440 (<http://catalog.neiu.edu/search/?P=BLBC-440>) minimum grade of C and EDFN-405 (<http://catalog.neiu.edu/search/?P=EDFN-405>) minimum grade of C and ELED-525 (<http://catalog.neiu.edu/search/?P=ELED-525>) minimum grade of C and MLED-450 (<http://catalog.neiu.edu/search/?P=MLED-450>) minimum grade of C and MLED-428A (<http://catalog.neiu.edu/search/?P=MLED-428A>) minimum grade of B and MLED-428B (<http://catalog.neiu.edu/search/?P=MLED-428B>) minimum grade of B and MLED-428C (<http://catalog.neiu.edu/search/?P=MLED-428C>) minimum grade of B and (ELED-403 (<http://catalog.neiu.edu/search/?P=ELED-403>) minimum grade of C or MLED-415 (<http://catalog.neiu.edu/search/?P=MLED-415>) minimum grade of C or MLED-416 (<http://catalog.neiu.edu/search/?P=MLED-416>) minimum grade of C).

MLED-450. Interdisciplinary Curriculum Design In Middle School. 3 Hours.

This course explores the unique philosophy of middle school and the design of interdisciplinary curriculum. MLED-450 (<http://catalog.neiu.edu/search/?P=MLED-450>) includes the study of the theory, design, implementation, and practice of interdisciplinary curriculum in the middle grades 5-8. The course emphasizes designing authentic learning experiences, inquiry-based and project-based learning across the disciplines, and teaching literacy across the curriculum. The course also focuses on working in collaborative teams, connections to the school community, integrating standards, and a variety of forms of assessment. Taken concurrently with ONE of the following in the candidate's endorsement area: LTCY-502 (<http://catalog.neiu.edu/search/?P=LTCY-502>) Reading; MLED-403 (<http://catalog.neiu.edu/search/?P=MLED-403>) Teaching Math; MLED-415 (<http://catalog.neiu.edu/search/?P=MLED-415>) Inquiry Science MS; MLED-416 (<http://catalog.neiu.edu/search/?P=MLED-416>) Social Studies MG.

Prerequisites: ELED-506 (<http://catalog.neiu.edu/search/?P=ELED-506>) minimum grade of C and EDFN-442 (<http://catalog.neiu.edu/search/?P=EDFN-442>) minimum grade of C and ELED-435 (<http://catalog.neiu.edu/search/?P=ELED-435>) minimum grade of C and ELED-504 (<http://catalog.neiu.edu/search/?P=ELED-504>) minimum grade of C and LTCY-513 (<http://catalog.neiu.edu/search/?P=LTCY-513>) minimum grade of C and SPED-404 (<http://catalog.neiu.edu/search/?P=SPED-404>) minimum grade of C and BLBC-440 (<http://catalog.neiu.edu/search/?P=BLBC-440>) minimum grade of C and EDFN-405 (<http://catalog.neiu.edu/search/?P=EDFN-405>) minimum grade of C and ELED-525 (<http://catalog.neiu.edu/search/?P=ELED-525>) minimum grade of C.

Military Science (MILS)

Courses

MILS-101. Leadership & Personal Development. 1 Hour.

This course introduces cadets and students to the personal challenges and competencies that are critical for effective leadership. Cadets learn how the personal development of life skills such as critical thinking, goal setting, time management, physical fitness, and stress management relate to leadership, officership, and the Army profession. The focus is on developing basic knowledge and comprehension of Army leader attributes and core leader competencies while gaining a big-picture understanding of ROTC, its purpose in the Army, and its advantages for the student.

MILS-102. Introduction To Tactical Leadership. 1 Hour.

This course overviews leadership fundamentals such as setting direction, problem solving, listening, presenting briefs, providing feedback, and using effective writing skills. Cadets explore dimensions of leadership values, attributes, and competencies in the context of practical, hands-on, and interactive exercises. Continued emphasis is placed on recruitment and retention of Cadets. Cadre role models and the building of stronger relationships among the Cadets through common experience and practical interaction are critical aspects of the MILS-102 experience.

MILS-201. Innovative Team Leadership. 2 Hours.

This course explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of the Army Leadership Requirements Model (trait and behavior theories). Students and Cadets practice aspects of personal motivation and team building in the context of planning, executing, and assessing team exercises and participating in optional leadership labs. Focus is on continued development of the knowledge of leadership values and attributes through an understanding of Army rank, structure, and duties, and basic aspects of land navigation and squad tactics. Case studies provide tangible context for learning the Soldier's Creed and Warrior Ethos as they apply in the Contemporary Operating Environment.

MILS-202. Foundations of Tactical Leadership. 2 Hours.

This course examines the challenges of leading tactical teams in the complex COE. The course highlights dimensions of terrain analysis, patrolling, and operation orders. Further study of the theoretical basis of the Army Leadership Requirements Model explores the dynamics of adaptive leadership in the context of military operations. This course provides a smooth transition into MILS-301 (<http://catalog.neiu.edu/search/?P=MILS-301>) for those cadets progressing into the Advanced Course of Army ROTC. Cadets develop greater self-awareness as they assess their own leadership styles and practice communication and team-building skills. COE case studies give insight into the importance and practice of teamwork and tactics in real-world scenarios.

MILS-301. Adaptive Team Leadership. 3 Hours.

In this course you will study, practice, and apply the fundamentals of Army leadership, Officership, Army values and ethics, personal development, and small unit tactics at the team and squad level. At the conclusion of this course, you will be capable of planning, coordinating, navigating, motivating and leading a team or squad in the execution of a tactical mission during a classroom PE, a Leadership lab, or during a Situational Training Exercise (STX) in a field environment.

Prerequisites: MILS-101 (<http://catalog.neiu.edu/search/?P=MILS-101>) minimum grade of C and MILS-102 (<http://catalog.neiu.edu/search/?P=MILS-102>) minimum grade of C and MILS-201 (<http://catalog.neiu.edu/search/?P=MILS-201>) minimum grade of C and MILS-202 (<http://catalog.neiu.edu/search/?P=MILS-202>) minimum grade of C.

MILS-302. Applied Team Leadership. 3 Hours.

This course is an academically challenging course where you will continue to study, practice, and apply the fundamentals of Army leadership, Officership, Army values and ethics, personal development, and small unit tactics at the team and squad level. At the conclusion of this course, you will be capable of planning, coordinating, navigating, motivating and leading a team or squad in the execution of a tactical mission during a classroom PE, a Leadership lab, or during a Situational Training Exercise (STX) in a field environment.

Prerequisite: MILS-301 (<http://catalog.neiu.edu/search/?P=MILS-301>) minimum grade of C.

MILS-311. Developing Adaptive Leaders. 3 Hours.

In this course, students are assigned the duties and responsibilities of an Army staff officer and must apply the fundamental principles of training, training management, the Army writing style and military decision making. Students will plan, execute and assess ROTC training and recruiting events; study the special trust proposed to Army Officers by the US Constitution and the President; study how Army values and leader ethics are applied today; and study the Army officer's role and career in the US Army today.

Prerequisites: MILS-301 (<http://catalog.neiu.edu/search/?P=MILS-301>) minimum grade of C and MILS-302 (<http://catalog.neiu.edu/search/?P=MILS-302>) minimum grade of C.

MILS-312. Leadership In A Complex World. 3 Hours.

This course explores the dynamics of leading in the complex situations of current military operations in the contemporary operating environment (COE). You will examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. You also explore aspects of interacting with non-government organizations, civilians on the battlefield, and host nation support. The course places significant emphasis on preparing you for future training, and your first unit of assignment.

Prerequisite: MILS-311 (<http://catalog.neiu.edu/search/?P=MILS-311>) minimum grade of C.

Music (MUS)

Courses

MUS-101. The Musical Experience. 3 Hours.

A non-technical course designed to increase the listener's understanding and enjoyment of music. Not applicable towards music major or minor requirements.

MUS-102. Music Fundamentals I. 3 Hours.

Introduction to basic fundamental concepts in music.

MUS-103. Basic Materials In Sight Reading. 1 Hour.

This course is designed to develop the foundations of sight reading and increase the first year music student's awareness, understanding and enjoyment of sight reading through practical application exercises and lectures. Students will learn the basics of reading and writing music, sight reading and beginning music theory. Practice and application of sight reading techniques, ear training procedures and related aural and oral skills will be emphasized. This course is designed for students at the beginning level, as determined by a placement exam administered to all music major students at the beginning of the semester.

MUS-104. Music Concepts: An Introduction. 3 Hours.

Elements of music, forms and styles; lectures, discussions, readings, recordings and attendance at musical performances. Open to all students; recommended for prospective majors and required for Elementary Education majors.

MUS-105. Basic Materials In Music Theory. 3 Hours.

MUS-105 (<http://catalog.neiu.edu/search/?P=MUS-105>) Basic Materials in Music Theory, 3 cr. Introduction to notation and perception of pitch and rhythm, including: intervals, triads, scales, meter, and key signatures, time signatures, and basic concepts of sight singing and ear training. Recommended as a remedial course for prospective majors whose music theory skills need enhancement in order to qualify for enrollment in MUS-121 (<http://catalog.neiu.edu/search/?P=MUS-121>), Music Theory 1.

MUS-106. Orientation To Music Education. 1 Hour.

A broad view of Music Education in Public School K-12 is required of all Music Education majors. Included are visits to all levels of music instruction in local schools. This course is designed to help students decide whether Music Education K-12 is the appropriate career choice and what the total job entails.

MUS-107A. Class Instrumental Instruction:Strings. 2 Hours.

Instrumental instruction in a classroom setting.

Prerequisite: MUS-104 (<http://catalog.neiu.edu/search/?P=MUS-104>) minimum grade of C or MUS-105 (<http://catalog.neiu.edu/search/?P=MUS-105>) minimum grade of C.

MUS-107B. Class Instrumental Instruction:Brass. 2 Hours.

Instrumental instruction in a classroom setting.

Prerequisite: MUS-104 (<http://catalog.neiu.edu/search/?P=MUS-104>) minimum grade of C or MUS-105 (<http://catalog.neiu.edu/search/?P=MUS-105>) minimum grade of C.

MUS-107C. Class Instrumental Instruction:Woodwinds. 2 Hours.

Instrumental instruction in a classroom setting.

Prerequisite: MUS-104 (<http://catalog.neiu.edu/search/?P=MUS-104>) minimum grade of C or MUS-105 (<http://catalog.neiu.edu/search/?P=MUS-105>) minimum grade of C.

MUS-107D. Class Instrumental Instruction:Percussion. 2 Hours.

Instrumental instruction in a classroom setting.

Prerequisite: MUS-104 (<http://catalog.neiu.edu/search/?P=MUS-104>) minimum grade of C or MUS-105 (<http://catalog.neiu.edu/search/?P=MUS-105>) minimum grade of C.

MUS-109. First Year Experience:Chi-Tunes: Music In Chicago. 3 Hours.

In this course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery and Transitions) are interwoven with the field specific concepts and terminology of music. This course is designed to increase the first year student's awareness, understanding and enjoyment of a variety of musical styles through attending live performances. Students will learn the basics of reading and writing music, music history, and music's place in society and culture through pre and post concert discussions.

MUS-110. Class Voice I. 2 Hours.

For beginning students in voice; fundamentals of vocal technique.

MUS-111. Class Voice II. 2 Hours.

Continuation of MUS-110 (<http://catalog.neiu.edu/search/?P=MUS-110>).

Prerequisite: MUS-110 (<http://catalog.neiu.edu/search/?P=MUS-110>) minimum grade of C.

MUS-112. Class Piano I. 2 Hours.

For beginning piano students. Fundamentals of reading and writing music. Basic keyboard skills in major and minor keys. Outside practice required.

MUS-113. Class Piano II. 2 Hours.

Continuation of MUS-112 (<http://catalog.neiu.edu/search/?P=MUS-112>). Expanded theoretical concepts and keyboard technique. Outside practice required.

Prerequisite: MUS-112 (<http://catalog.neiu.edu/search/?P=MUS-112>) minimum grade of C.

MUS-114. Class Piano III. 2 Hours.

Keyboard skills in all major and minor keys. Piano literature of diverse styles. Outside practice required.

Prerequisite: MUS-113 (<http://catalog.neiu.edu/search/?P=MUS-113>) minimum grade of C.

MUS-115. Instrumental Music Studies Brass Instruments. 1 Hour.

Introduction to the techniques and skills of playing brass instruments. Care and maintenance. Study and evaluation of the music literature available for the various brass instruments.

Prerequisite: MUS-121 (<http://catalog.neiu.edu/search/?P=MUS-121>) minimum grade of C.

MUS-116. Instrumental Music Studies Percussion Instruments. 1 Hour.

Introduction to the techniques and skills of playing percussion instruments. The use of percussion instruments in various types of instrumental ensembles.

Prerequisite: MUS-121 (<http://catalog.neiu.edu/search/?P=MUS-121>) minimum grade of C.

MUS-117. Instrumental Music Studies String Instruments. 1 Hour.

Introduction to the techniques and skills of playing string instruments. Care and maintenance. Study and evaluation of the music literature available for the various string instruments.

Prerequisite: MUS-121 (<http://catalog.neiu.edu/search/?P=MUS-121>) minimum grade of C.

MUS-118. Instrumental Music Studies Woodwind Instruments I. 1 Hour.

Introduction to the techniques and skills of playing flute and clarinet. Care and maintenance of the instruments as well as study and evaluation of the music literature available for the instruments.

Prerequisite: MUS-121 (<http://catalog.neiu.edu/search/?P=MUS-121>) minimum grade of C.

MUS-119. Instrumental Music Studies: Woodwind Instruments II. 1 Hour.

Introduction to the techniques and skills of playing oboe, bassoon, and saxophone. Care and maintenance of the instruments as well as study and evaluation of the music literature available for the instruments.

Prerequisite: MUS-121 (<http://catalog.neiu.edu/search/?P=MUS-121>) minimum grade of C.

MUS-120. Class Guitar I. 2 Hours.

Basic skills in guitar; basic chords and chord progressions, strumming techniques, playing a simple melodic line, and reading guitar tablature as well as standard musical notation.

MUS-121. Music Theory I. 3 Hours.

Study of harmonic materials in tonal music and standard notational practice. Includes written and aural skills development. Structure, doubling, spacing, voice-leading, triads and inversions. Placement testing or consent of instructor.

MUS-122. Music Theory II. 3 Hours.

Continuation of MUS-121 (<http://catalog.neiu.edu/search/?P=MUS-121>). Advancing written and aural skills. Phrase structure, cadences, harmonic progression, harmonization techniques, nonharmonic tones.

Prerequisite: MUS-121 (<http://catalog.neiu.edu/search/?P=MUS-121>) minimum grade of C.

MUS-123. Class Guitar II. 2 Hours.

Continuation of MUS-120 (<http://catalog.neiu.edu/search/?P=MUS-120>). More complex and varied chord formations and strumming techniques; note reading of more difficult melodic lines; basics of classical guitar technique.

Prerequisite: MUS-120 (<http://catalog.neiu.edu/search/?P=MUS-120>) minimum grade of C.

MUS-124. Sight Singing And Ear Training I. 1 Hour.

Practice and application of sight-singing techniques, ear training procedures and related aural/oral skills.

Prerequisites: MUS-121 (<http://catalog.neiu.edu/search/?P=MUS-121>) minimum grade of C and MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C.

MUS-125. Sight Singing And Ear Training II. 1 Hour.

Continuation of MUS-124 (<http://catalog.neiu.edu/search/?P=MUS-124>).

Prerequisite: MUS-124 (<http://catalog.neiu.edu/search/?P=MUS-124>) minimum grade of C.

MUS-127. Harmony And Ear Training At The Keyboard I. 2 Hours.

Skills in applying harmonic and melodic concepts and techniques at a keyboard instrument.

Prerequisites: MUS-121 (<http://catalog.neiu.edu/search/?P=MUS-121>) minimum grade of C and MUS-112 (<http://catalog.neiu.edu/search/?P=MUS-112>) minimum grade of C.

MUS-128. Harmony And Ear Training At The Keyboard II. 2 Hours.

Advanced skills in applying harmonic and melodic concepts and techniques at a keyboard instrument.

Prerequisite: MUS-127 (<http://catalog.neiu.edu/search/?P=MUS-127>) minimum grade of C.

MUS-130. Fundamentals Of Midi. 3 Hours.

Introduction to digital technology and its musical applications. Fundamental skills and applications for using synthesizers, computers, drum machines and other instruments which utilized Musical Instrument Digital Interface. Lecture, demonstrations and hands-on experience in electronic music lab.

MUS-131. Computer Literacy For Musicians. 3 Hours.

This is a preparatory course for music students who wish to pursue further study in the use of computers for composition, performance, music printing and assisted instruction.

MUS-135. Desktop Music Publishing. 3 Hours.

Desktop publishing approach to creating professional quality music publications from handwritten manuscripts. Orchestral scores, choral scores, lead sheets, songbooks and other publications. Utilizes computers, music notation software, synthesizers and printers. Includes demonstrations and hands-on experience in Computer/Electronic Music Lab.

MUS-150A. Applied Music: Flute. 0.5 Hours.

Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability.

MUS-150B. Applied Music: Oboe. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150C. Applied Music: Clarinet. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150D. Applied Music: Saxophone. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150E. Applied Music: Bassoon. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150F. Applied Music: French Horn. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150G. Applied Music: Trumpet. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150H. Applied Music: Euphonium. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150I. Applied Music: Electronic Keyboard. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150J. Applied Music: Trombone. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150K. Applied Music: Tuba. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150L. Applied Music: Marimba. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150M. Applied Music: Percussion. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150N. Applied Music: Snare Drum. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150O. Applied Music: Jazz Piano. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150P. Applied Music: Violin. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150Q. Applied Music: Viola. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150R. Applied Music: Cello. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150S. Applied Music: String Bass. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150T. Applied Music: Guitar. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150U. Applied Music: Harp. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150V. Applied Music: Voice. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150W. Applied Music: Piano. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150X. Applied Music: Jazz String Bass. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150Y. Applied Music: Jazz Guitar. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-150Z. Applied Music: Jazz Voice. 0.5 Hours.

See course description for MUS-150A (<http://catalog.neiu.edu/search/?P=MUS-150A>).

MUS-151A. Applied Music: Flute. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151B. Applied Music: Oboe. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151C. Applied Music: Clarinet. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151D. Applied Music: Saxophone. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151E. Applied Music: Bassoon. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151F. Applied Music: French Horn. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151G. Applied Music: Trumpet. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151H. Applied Music: Euphonium. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151I. Applied Music: Electronic Keyboard. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151U. Music Applied: Harp. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151V. Applied Music: Voice. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151W. Applied Music: Piano. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-151X. Applied Music: Jazz String Bass. 1 Hour.

One-hour weekly lesson for music education majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson.

MUS-152A. Applied Music: Flute. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152B. Applied Music: Oboe. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152C. Applied Music: Clarinet. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152D. Applied Music: Saxophone. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152E. Applied Music: Bassoon. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152F. Applied Music: French Horn. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152G. Applied Music: Trumpet. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152H. Applied Music: Euphonium. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152I. Applied Music: Electronic Keyboard. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152J. Applied Music: Trombone. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152K. Applied Music: Tuba. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152L. Applied Music: Marimba. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152M. Applied Music: Percussion. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152N. Applied Music: Snare Drum. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152O. Applied Music: Jazz Piano. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152P. Applied Music: Violin. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152Q. Applied Music: Viola. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152R. Applied Music: Cello. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152S. Applied Music: String Bass. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152T. Applied Music: Guitar. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152U. Music Applied: Harp. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability.

MUS-152V. Applied Music: Voice. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152W. Applied Music: Piano. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152X. Applied Music: Jazz String Bass. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152Y. Applied Music: Jazz Guitar. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-152Z. Applied Music: Jazz Voice. 2 Hours.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-201. Music Theory III. 3 Hours.

Study of seventh chords, secondary dominants, altered nonharmonic tones, modulation, borrowed chords, augmented sixth chords. Advancing analytical and written skills.

Prerequisite: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C.

MUS-202. Music Theory IV. 3 Hours.

Writing and analysis. Study of Neapolitan sixth; diminished sevenths; altered dominants; chromatic mediants; modulation to foreign keys; ninth, eleventh and thirteenth chords.

Prerequisite: MUS-201 (<http://catalog.neiu.edu/search/?P=MUS-201>) minimum grade of C.

MUS-203. Music Before 1600. 3 Hours.

Survey of musical styles, types and forms from Gregorian Chant through the Renaissance.

Prerequisite: MUS-121 (<http://catalog.neiu.edu/search/?P=MUS-121>) minimum grade of C.

MUS-204. Music From 1600 Through Beethoven. 3 Hours.

Survey of musical styles, types and forms in representative composers of the Baroque and Classical Periods.

Prerequisite: MUS-121 (<http://catalog.neiu.edu/search/?P=MUS-121>) minimum grade of C.

MUS-205. Music After Beethoven. 3 Hours.

Survey of musical styles, types and forms in representative composers of the Romantic Period, the Twentieth Century, and Global Music. By consent of instructor.

Prerequisite: MUS-121 (<http://catalog.neiu.edu/search/?P=MUS-121>) minimum grade of C.

MUS-210. Music Diction For Singers I: Italian And French. 2 Hours.

Introduction to proper pronunciation of Italian and French texts in classical vocal music. Use of the International Phonetic Alphabet symbols applied to the singing of songs and arias.

Prerequisite: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C.

MUS-211. Music Diction For Singers II: German And English. 2 Hours.

Introduction to proper pronunciation of English and German texts in classical vocal music. Use of the International Phonetic Alphabet symbols applied to the singing of songs.

Prerequisite: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C.

MUS-220. Basic Conducting. 2 Hours.

Basic techniques of conducting: meter, dynamics, cuing, etc., applicable to both instrumental and choral conducting. Serves as prerequisite to specialized Instrumental and Choral Conducting courses.

Prerequisite: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C.

MUS-221. Concert Choir. 1 Hour.

Vocal ensemble open to enrolled students. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-221A. University Chorus. 1 Hour.

Vocal ensemble open to enrolled students. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-222A. Vocal Ensemble: Chamber Singers. 1 Hour.

Vocal ensemble open to enrolled students. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-222B. Vocal Ensemble: Madrigal Singers. 1 Hour.

Vocal ensemble open to enrolled students. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-222C. Vocal Ensemble: Opera Workshop. 1 Hour.

A practical workshop in learning and performing opera repertoire. Explore the art of singing and acting through research, preparation and performance of opera scenes or a complete opera production. Open to enrolled students. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-222D. Vocal Ensemble: Music Theater. 1 Hour.

A practical workshop in learning and performing musical theater repertoire. Explore the art of singing and acting through research, preparation and performance of a complete musical theater production. Open to enrolled students. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-222E. Vocal Ensemble: Music Production. 1 Hour.

A practical course in learning and executing the technical aspects of a full music theater/opera production. This course will encompass, but is not limited to: staging, costume design, set design and construction, lighting design and execution, props, wigs, make-up and stage crew.

MUS-223. Instrumental Conducting. 2 Hours.

Techniques of conducting and score reading; rehearsal techniques and interpretation.

Prerequisite: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of D.

MUS-224. Choral Conducting. 2 Hours.

Choral conducting techniques; ability to read and analyze choral scores; choral repertoire.

Prerequisite: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of D.

MUS-226. Orchestra. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-230. Advanced Midi Techniques. 3 Hours.

Continuation of MUS-130 (<http://catalog.neiu.edu/search/?P=MUS-130>). Advanced applications of digital technology as it applies to music, using computers, synthesizers, samplers and recording equipment. Lectures, demonstrations and hands-on experience in electronic music lab.

MUS-231. Band. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-231A. Wind Band. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-234A. Instrumental Ensemble: Brass. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-234B. Instrumental Ensemble: Percussion. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-234C. Instrumental Ensemble: Strings. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-234D. Instrumental Ensemble: Woodwinds. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-234E. Instrumental Ensemble: Accompanying. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-234F. Instrumental Ensemble: Piano Music For Four Hands. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-234K. Instrumental Ensemble: Recorder Consort. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-234M. Instrumental Ensemble: Guitar. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-235A. Instrumental Ensemble: Jazz Band. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-235B. Instrumental Ensemble: Jazz Combo. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor required.

MUS-250. Junior Recital. 1 Hour.

A formal 1/2 hour recital given after the music performance major reaches the 300 level in applied instruction and during their junior year. Students select a recital committee of three faculty members including, and in conjunction with, their applied instructor. The student must pass a hearing presented to the recital committee before the recital is given. Once the recital is presented, a grade of pass or fail will be determined by the recital committee.

MUS-301. Counterpoint I. 3 Hours.

Writing in two parts in various styles and modes, study of species and modal procedures. .

Prerequisite: MUS-201 (<http://catalog.neiu.edu/search/?P=MUS-201>) minimum grade of C.

MUS-302. Counterpoint II. 3 Hours.

Writing in two parts in various styles and modes, study of species and modal procedures.

Prerequisite: MUS-301 (<http://catalog.neiu.edu/search/?P=MUS-301>) minimum grade of C.

MUS-305. Form And Analysis I. 3 Hours.

Structural and stylistic features in their musical context; motif, phrase and period; binary and ternary form, theme and variations, rondo, sonata form and unique forms.

Prerequisite: MUS-202 (<http://catalog.neiu.edu/search/?P=MUS-202>) minimum grade of C.

MUS-306. Form And Analysis II. 3 Hours.

Structural and stylistic features in their musical context, early to contemporary polyphonic forms, multi-movement forms. electronic music, aleatoric music. Consideration of several approaches to structural analysis.

Prerequisite: MUS-305 (<http://catalog.neiu.edu/search/?P=MUS-305>) minimum grade of C.

MUS-307. Class Composition. 3 Hours.

Composition and performance of students' original works.

MUS-308. Orchestration. 3 Hours.

Instrumental timbres and the capabilities of instruments; scoring for instruments in a variety of combinations, including the orchestra and instrumental vocal combinations.

Prerequisite: MUS-202 (<http://catalog.neiu.edu/search/?P=MUS-202>) minimum grade of C.

MUS-309B. Studies In Instrumental Music: Symphony. 3 Hours.

An in depth study of this selected form of music.

Prerequisites: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C and MUS-203 (<http://catalog.neiu.edu/search/?P=MUS-203>) minimum grade of C and MUS-204 (<http://catalog.neiu.edu/search/?P=MUS-204>) minimum grade of C and MUS-205 (<http://catalog.neiu.edu/search/?P=MUS-205>) minimum grade of C.

MUS-309C. Studies In Instrumental Music Varies: Concerto. 3 Hours.

An in depth study of this selected form of music.

Prerequisites: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C and MUS-203 (<http://catalog.neiu.edu/search/?P=MUS-203>) minimum grade of C and MUS-204 (<http://catalog.neiu.edu/search/?P=MUS-204>) minimum grade of C and MUS-205 (<http://catalog.neiu.edu/search/?P=MUS-205>) minimum grade of C.

MUS-309D. Studies In Instrumental Music: Chamber Music. 3 Hours.

An in depth study of this selected form of music.

Prerequisites: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C and MUS-203 (<http://catalog.neiu.edu/search/?P=MUS-203>) minimum grade of C and MUS-204 (<http://catalog.neiu.edu/search/?P=MUS-204>) minimum grade of C and MUS-205 (<http://catalog.neiu.edu/search/?P=MUS-205>) minimum grade of C.

MUS-310B. Studies In Vocal Music: Art Song. 3 Hours.

An in depth study of this selected form of music.

Prerequisites: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C and MUS-203 (<http://catalog.neiu.edu/search/?P=MUS-203>) minimum grade of C and MUS-204 (<http://catalog.neiu.edu/search/?P=MUS-204>) minimum grade of C and MUS-205 (<http://catalog.neiu.edu/search/?P=MUS-205>) minimum grade of C.

MUS-310C. Studies In Vocal Music Varies: Oratorio. 3 Hours.

An in depth study of this selected form of music.

Prerequisites: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C and MUS-203 (<http://catalog.neiu.edu/search/?P=MUS-203>) minimum grade of C and MUS-204 (<http://catalog.neiu.edu/search/?P=MUS-204>) minimum grade of C and MUS-205 (<http://catalog.neiu.edu/search/?P=MUS-205>) minimum grade of C.

MUS-310D. Studies In Vocal Music Varies: Opera. 3 Hours.

An in depth study of this selected form of music.

Prerequisites: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C and MUS-203 (<http://catalog.neiu.edu/search/?P=MUS-203>) minimum grade of C and MUS-204 (<http://catalog.neiu.edu/search/?P=MUS-204>) minimum grade of C and MUS-205 (<http://catalog.neiu.edu/search/?P=MUS-205>) minimum grade of C.

MUS-310E. Studies In Vocal Music Varies: Mass. 3 Hours.

An in depth study of this selected form of music.

Prerequisites: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C and MUS-203 (<http://catalog.neiu.edu/search/?P=MUS-203>) minimum grade of C and MUS-204 (<http://catalog.neiu.edu/search/?P=MUS-204>) minimum grade of C and MUS-205 (<http://catalog.neiu.edu/search/?P=MUS-205>) minimum grade of C.

MUS-310F. Studies In Vocal Music Varies: Cantata. 3 Hours.

An in depth study of this selected form of music.

Prerequisites: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C and MUS-203 (<http://catalog.neiu.edu/search/?P=MUS-203>) minimum grade of C and MUS-204 (<http://catalog.neiu.edu/search/?P=MUS-204>) minimum grade of C and MUS-205 (<http://catalog.neiu.edu/search/?P=MUS-205>) minimum grade of C.

MUS-311B. Studies In Keyboard Music: The Sonata. 3 Hours.

An in depth study of this selected form of music.

Prerequisites: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C and MUS-203 (<http://catalog.neiu.edu/search/?P=MUS-203>) minimum grade of C and MUS-204 (<http://catalog.neiu.edu/search/?P=MUS-204>) minimum grade of C and MUS-205 (<http://catalog.neiu.edu/search/?P=MUS-205>) minimum grade of C.

MUS-311C. Studies In Keyboard Music: Keyboard Music Before 1750. 3 Hours.

An in depth study of this selected form of music.

Prerequisites: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C and MUS-203 (<http://catalog.neiu.edu/search/?P=MUS-203>) minimum grade of C and MUS-204 (<http://catalog.neiu.edu/search/?P=MUS-204>) minimum grade of C and MUS-205 (<http://catalog.neiu.edu/search/?P=MUS-205>) minimum grade of C.

MUS-311D. Studies In Keyboard Music Varies: Keyboard Music After 1750. 3 Hours.

An in depth study of this selected form of music.

Prerequisites: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C and MUS-203 (<http://catalog.neiu.edu/search/?P=MUS-203>) minimum grade of C and MUS-204 (<http://catalog.neiu.edu/search/?P=MUS-204>) minimum grade of C and MUS-205 (<http://catalog.neiu.edu/search/?P=MUS-205>) minimum grade of C.

MUS-312. Writing Intensive Program: Beethoven. 3 Hours.

This seminar explores major issues in Beethoven study through most relevant literature concerning Beethoven's life, musical style, aesthetics, influence on the next generation of composers, and the socio-cultural forces responsible for shaping his ideas and music. Students will carry out individualized research projects culminating in a research paper, as well as completing reading reports, keeping a listening journal, and analyzing the music studied in class.

Prerequisites: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C and MUS-203 (<http://catalog.neiu.edu/search/?P=MUS-203>) minimum grade of C and MUS-204 (<http://catalog.neiu.edu/search/?P=MUS-204>) minimum grade of C or MUS-205 (<http://catalog.neiu.edu/search/?P=MUS-205>) minimum grade of C).

MUS-315. Bach And Handel. 3 Hours.

Analysis of representative vocal and instrumental compositions of Bach and Handel. Survey of biographical and bibliographical sources.

Prerequisites: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C and MUS-203 (<http://catalog.neiu.edu/search/?P=MUS-203>) minimum grade of C and MUS-204 (<http://catalog.neiu.edu/search/?P=MUS-204>) minimum grade of C and MUS-205 (<http://catalog.neiu.edu/search/?P=MUS-205>) minimum grade of C.

MUS-316. Haydn And Mozart. 3 Hours.

Analysis of representative vocal and instrumental compositions of Haydn and Mozart. Survey of biographical and bibliographical sources.

Prerequisites: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C and MUS-203 (<http://catalog.neiu.edu/search/?P=MUS-203>) minimum grade of C and MUS-204 (<http://catalog.neiu.edu/search/?P=MUS-204>) minimum grade of C and MUS-205 (<http://catalog.neiu.edu/search/?P=MUS-205>) minimum grade of C.

MUS-317. Music Of The Romantic Era. 3 Hours.

Consideration from a historical point of view of structural, stylistic and formal aspects of the musical art of the Romantic era.

Prerequisites: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C and MUS-203 (<http://catalog.neiu.edu/search/?P=MUS-203>) minimum grade of C and (MUS-204 (<http://catalog.neiu.edu/search/?P=MUS-204>) minimum grade of C or MUS-205 (<http://catalog.neiu.edu/search/?P=MUS-205>) minimum grade of C).

MUS-318. Music Of The Twentieth Century. 3 Hours.

Consideration from a historical point of view of structural, stylistic and formal aspects of the musical art of the twentieth century.

Prerequisites: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C and MUS-203 (<http://catalog.neiu.edu/search/?P=MUS-203>) minimum grade of C and MUS-204 (<http://catalog.neiu.edu/search/?P=MUS-204>) minimum grade of C and MUS-205 (<http://catalog.neiu.edu/search/?P=MUS-205>) minimum grade of C.

MUS-319. Music Of America. 3 Hours.

Study of the development of music in America from the pre-revolutionary period to the contemporary period.

Prerequisites: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C and MUS-203 (<http://catalog.neiu.edu/search/?P=MUS-203>) minimum grade of C and MUS-204 (<http://catalog.neiu.edu/search/?P=MUS-204>) minimum grade of C and MUS-205 (<http://catalog.neiu.edu/search/?P=MUS-205>) minimum grade of C.

MUS-320. Independent Study In Music. 1 Hour.

Consent of instructor, department Chair and College Dean.

MUS-321D. Writing Intensive Program: Seminar In Music History: Stravinsky. 3 Hours.

This seminar explores major issues in Stravinsky study through most relevant literature concerning Stravinsky's life, musical style, aesthetics, impact on the development of twentieth-century music, and the socio-cultural forces responsible for shaping his ideas and music. Students will carry out individualized research projects culminating in a research paper, as well as completing reading reports, keeping a listening journal, and analyzing the music studied in class.

Prerequisites: MUS-202 (<http://catalog.neiu.edu/search/?P=MUS-202>) minimum grade of C and MUS-203 (<http://catalog.neiu.edu/search/?P=MUS-203>) minimum grade of C and MUS-204 (<http://catalog.neiu.edu/search/?P=MUS-204>) minimum grade of C and MUS-205 (<http://catalog.neiu.edu/search/?P=MUS-205>) minimum grade of C and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

MUS-321E. Seminar In Music History: Bach. 3 Hours.

This seminar explores major issues in Bach study through the most relevant literature concerning Bach's life, musical style, aesthetics and the socio-cultural forces shaping his ideas and music through reading, listening and analyzing his music, discussions over the reading material, and individualized research projects.

Prerequisites: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C and MUS-203 (<http://catalog.neiu.edu/search/?P=MUS-203>) minimum grade of C and MUS-204 (<http://catalog.neiu.edu/search/?P=MUS-204>) minimum grade of C and MUS-205 (<http://catalog.neiu.edu/search/?P=MUS-205>) minimum grade of C.

MUS-321F. Seminar In Music History: Jazz. 3 Hours.

This seminar explores major issues in the history of jazz through most the relevant literature concerning development, musical style and prominent musicians through reading, listening and analyzing music, discussions over the reading material, and through individualized research projects.

MUS-322. Independent Study In Music. 3 Hours.

Consent of instructor, department Chair and College Dean.

MUS-323. Music Of The Renaissance Era. 3 Hours.

Consideration from a historical point of view of structural, stylistic and formal aspects of the musical art of the Renaissance Era.

Prerequisites: MUS-122 (<http://catalog.neiu.edu/search/?P=MUS-122>) minimum grade of C and MUS-203 (<http://catalog.neiu.edu/search/?P=MUS-203>) minimum grade of C and MUS-204 (<http://catalog.neiu.edu/search/?P=MUS-204>) minimum grade of C or MUS-205 (<http://catalog.neiu.edu/search/?P=MUS-205>) minimum grade of C.

MUS-324. Independent Study In Music. 2 Hours.

Consent of instructor, department Chair and College Dean.

MUS-325A. Performance Seminar: Brass. 2 Hours.

Performance and critical analysis of performances based upon stylistic, structural, and technical factors. Enrollment in applied lessons and consent of instructor.

MUS-325B. Performance Seminar: Piano. 2 Hours.

Performance and critical analysis of performances based upon stylistic, structural, and technical factors. Enrollment in applied lessons and consent of instructor.

MUS-325C. Performance Seminar: Strings. 2 Hours.

Performance and critical analysis of performances based upon stylistic, structural, and technical factors. Enrollment in applied lessons and consent of instructor.

MUS-325D. Performance Seminar: Wind Instruments. 2 Hours.

Performance and critical analysis of performances based upon stylistic, structural, and technical factors. Enrollment in applied lessons and consent of instructor.

MUS-325E. Performance Seminar: Voice. 2 Hours.

Performance and critical analysis of performances based upon stylistic, structural, and technical factors. Enrollment in applied lessons and consent of instructor.

MUS-326. Songwriting. 3 Hours.

Techniques of songwriting; consideration and analysis of classical and folk song models; emphasis on writing lyrics, melody and accompaniment.

MUS-327A. Repertoire Seminar: Piano. 3 Hours.

This is the first semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-327B. Repertoire Seminar: Strings. 3 Hours.

This is the first semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-327C. Repertoire Seminar: Winds. 3 Hours.

This is the first semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-327D. Repertoire Seminar: Voice. 3 Hours.

This is the first semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-327E. Repertoire Seminar: Choral. 3 Hours.

This is the first semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-327F. Repertoire Seminar: Brass. 3 Hours.

This is the first semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-327G. Repertoire Seminar: Percussion. 3 Hours.

This is the first semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-328A. Repertoire Seminar: Piano. 3 Hours.

This is the second semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-328B. Repertoire Seminar: Strings. 3 Hours.

This is the second semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-328C. Repertoire Seminar: Winds. 3 Hours.

This is the second semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-328D. Repertoire Seminar Varies: Voice. 3 Hours.

This is the second semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-328E. Repertoire Seminar: Choral. 3 Hours.

This is the second semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-328F. Repertoire Seminar: Brass. 3 Hours.

This is the second semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-328G. Repertoire Seminar: Percussion. 3 Hours.

This is the second semester of a two-semester sequence of courses that survey the standard repertoire for different performance areas. Content varies according to the performance area studied. 300-level in applied lessons or consent of instructor required.

MUS-329. Advanced Conducting. 2 Hours.

Prerequisite: MUS-223 (<http://catalog.neiu.edu/search/?P=MUS-223>) minimum grade of D or MUS-224 (<http://catalog.neiu.edu/search/?P=MUS-224>) minimum grade of D.

MUS-330. Music Technology Seminar: Current Topics. 3 Hours.

A survey of latest developments in music technology designed to keep today's musician up-to-date with current trends and applications, new gear and instruments, software upgrades and other current topics. Includes demonstrations and hands-on experience in Computer/Electronic Music Lab.

MUS-331A. Applied Music Pedagogy I: Piano. 3 Hours.

Methods of teaching applied music for prospective and experienced teachers. 300 level in applied lessons and consent of instructor.

MUS-331B. Applied Music Pedagogy I: Strings. 3 Hours.

Methods of teaching applied music for prospective and experienced teachers. 300 level in applied lessons and consent of instructor.

MUS-331C. Applied Music Pedagogy I: Brass. 3 Hours.

Methods of teaching applied music for prospective and experienced teachers. 300 level in applied lessons and consent of instructor.

MUS-331D. Applied Music Pedagogy I: Woodwinds. 3 Hours.

Methods of teaching applied music for prospective and experienced teachers. 300 level in applied lessons and consent of instructor.

MUS-331E. Applied Music Pedagogy I: Voice. 3 Hours.

Methods of teaching applied music for prospective and experienced teachers. 300 level in applied lessons and consent of instructor.

MUS-331F. Applied Music Pedagogy I: Percussion. 3 Hours.

Methods of teaching applied music for prospective and experienced teachers. 300 level in applied lessons and consent of instructor.

MUS-332A. Applied Music Pedagogy II: Piano. 2 Hours.

A practicum for implementing the methods of teaching applied music learned in MUS-331.

Prerequisite: MUS-331 minimum grade of C.

MUS-332B. Applied Music Pedagogy II: Strings. 2 Hours.

A practicum for implementing the methods of teaching applied music learned in MUS-331.

Prerequisite: MUS-331 minimum grade of C.

MUS-332C. Applied Music Pedagogy II: Brass. 2 Hours.

A practicum for implementing the methods of teaching applied music learned in MUS-331.

Prerequisite: MUS-331 minimum grade of C.

MUS-332D. Applied Music Pedagogy II: Woodwinds. 2 Hours.

A practicum for implementing the methods of teaching applied music learned in MUS-331.

Prerequisite: MUS-331 minimum grade of C.

MUS-332E. Applied Music Pedagogy II: Voice. 2 Hours.

A practicum for implementing the methods of teaching applied music learned in MUS-331.

Prerequisite: MUS-331 minimum grade of C.

MUS-332F. Applied Music Pedagogy II: Percussion. 2 Hours.

A practicum for implementing the methods of teaching applied music learned in MUS-331.

Prerequisite: MUS-331 minimum grade of C.

MUS-333. Internship In Music. 3 Hours.

Field experience in schools, community organizations or industry. Detailed information is available in the departmental office. Departmental approval required.

MUS-341. Senior Recital. 1 Hour.

A formal recital of 50 minutes of music given after the music performance major reaches the-300 level in applied instruction and during their senior year. Students select a recital committee of three faculty members including, and in conjunction with, their applied instructor. The student must pass a hearing presented to the recital committee before the recital is given. Once the recital is presented, a grade of pass or fail will be determined by the recital committee.

MUS-342. World Music. 2 Hours.

A study of world music and various cultures for use by music education students in the classroom. Students experience world music through performance on ethnic instruments, listening to recordings of authentic music, as well as map study, and attendance at live performances. Students develop and implement lesson plans at various levels of music instruction.

Prerequisite: MUS-202 (<http://catalog.neiu.edu/search/?P=MUS-202>) minimum grade of C.

MUS-350A. Applied Music: Flute. 0.5 Hours.

One-half hour weekly lesson. Individual study in voice or instrument for the development of performing skills and musical understanding; knowledge of the repertoire at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied lesson studio class. Students taking applied lessons must be music majors, minors, or registered in an ensemble. Consent of instructor and department chairperson.

MUS-352Y. Applied Music: Jazz Guitar. 2 Hours.

One-hour weekly lesson for performance majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson required.

MUS-352Z. Applied Music: Vocal Coaching. 2 Hours.

One-hour weekly lesson for performance majors. Individual study in voice or any instrument for development of performing skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate level of performing ability. Students will participate in small ensembles as part of the applied music studio class. Students taking Applied Lessons must be music majors, minors or registered in an ensemble. Consent of instructor or department chairperson required.

MUS-391. Contemporary Music Education - Grades K-6. 3 Hours.

This course is designed for music education students and includes a study of philosophy, methods, materials, and assessment techniques suitable for developing music potential in elementary school-aged children. Special areas of focus include long and short term lesson planning, sequencing concepts and skill, ethnic music, music in Special Education, and assessment correlated with State and National Standards for Arts Education.

Prerequisite: MUS-202 (<http://catalog.neiu.edu/search/?P=MUS-202>) minimum grade of C.

MUS-393L. Clinical Field Experience. 2 Hours.

A supervised clinical experience designed with less emphasis on observational experiences and more on direct involvement with the instructional process. Requires 100 hours experience with a broad range of students. Taken with TED SCED-303I (<http://catalog.neiu.edu/search/?P=SCED-303I>) and 303V. Completion of all education courses required.

Prerequisite: MUS-391 (<http://catalog.neiu.edu/search/?P=MUS-391>) minimum grade of C.

MUS-394E. Creative Approaches In Music. 3 Hours.

This course is designed to provide the instructor an opportunity to design a course/workshop of his/her own specialty for practicing musicians and working professionals and is open to enrollment (instructor approval) based upon the needs/desires of the department/instructor.

MUS-396A. Practicum In Music: Chamber Music. 1 Hour.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-396B. Practicum In Music: Computer Music. 1 Hour.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-396C. Practicum In Music: Computerized Notation. 1 Hour.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-396D. Practicum In Music: Choral Music. 1 Hour.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-396K. Practicum In Music: Orchestra. 1 Hour.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-397A. Practicum In Music: Chamber Music. 2 Hours.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-397B. Practicum In Music: Computer Music. 2 Hours.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-397C. Practicum In Music: Computerized Notation. 2 Hours.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-397K. Practicum In Music: Orchestra. 2 Hours.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-398A. Practicum In Music: Chamber Music. 3 Hours.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-398B. Practicum In Music: Computer Music Studio. 3 Hours.

The course addresses a broad range of technical and aesthetic issues relevant to the creation of music and artistic manipulation of sound. The course combines theoretical conceptual and practical information with hands-on experience with software and hardware. Students design and realize projects in consultation with the instructor for presentation in class or public forum. Projects may incorporate elements of audio recording, audio editing, MIDI, sound synthesis, sound design, combined media or other innovative concepts which develop as technology and art combine.

MUS-398C. Practicum In Music: Computerized Notation. 3 Hours.

Computer notation address issues of musical notation and current software used in creation, duplication and publication of music. The course will develop knowledge and skills required for accurate and appropriate notation using the computer. Class time will be used for hands-on work with computers and related equipment as well as lectures, discussion groups and exercises designed for a variety of ensembles and genres. The course assumes music reading ability.

MUS-398D. Practicum In Music: Introduction To Multimedia Syllabus. 3 Hours.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-398E. Practicum In Music: Advanced Multimedia Syllabus. 3 Hours.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-398K. Practicum In Music: Orchestra. 3 Hours.

The purpose of this course is to give the student an opportunity to explore and perform this selected topic in music. Consent of instructor required.

MUS-405. Form and Analysis. 3 Hours.

This course focuses upon advanced analysis of linear, vertical and structural dimensions of western music. Large and small scale works from various historical periods and for a variety of media will be considered. Procedures as appropriate to style and period will be applied with an emphasis upon development of analytical skill as an interpretive tool leading to more insightful performance.

MUS-411. Vocal Ensemble: Chorus. 1 Hour.

The University Chorus is a large choral ensemble which explores the great choral literature from the Middle-Ages and Renaissance periods to the present day in preparation for public and school performances. Emphasis is on choral rehearsal techniques, appropriate vocal technique, historical performance practice for the works being prepared and research on composers and compositions being studied.

MUS-412. Chamber Singers. 1 Hour.

Chamber singers explores the art of ensemble singing through the preparation and performance of choral literature composed for a smaller ensemble. Emphasis is on choral rehearsal techniques, appropriate vocal technique and performance practice for the works being prepared, and research about the composers and the compositions being prepared.

MUS-413. Opera Workshop. 1 Hour.

A practical workshop in learning and performing opera literature and exploring the art of singing opera through research, preparation and performance of scene excerpts and complete opera productions. Graduate students are expected to sing the leading roles and/or assist the director in staging, managing and research.

MUS-414. Musical Theater. 1 Hour.

A practical workshop in learning and performing musical theater repertoire and exploring the art of singing and acting through research, preparation and performance of a complete musical theater production. Graduate students are expected to sing the leading roles and/or assist the director in staging, managing and research.

MUS-415. Music Production. 1 Hour.

A practical course in learning and executing the technical aspects of a full music theater/opera production. This course will encompass, but is not limited to: staging, costume design, set design and construction, lighting design and execution, props, wigs, make-up and stage crew.

MUS-420. Independent Study In Music. 1 Hour.

Individual investigation into a topic of the student's choice. Consent of instructor, department Chair and College Dean.

MUS-421. Independent Study In Music. 2 Hours.

(See MUS-420 (<http://catalog.neiu.edu/search/?P=MUS-420>) for description.)

MUS-421A. Independent Study In Music. 2 Hours.

(See MUS-420 (<http://catalog.neiu.edu/search/?P=MUS-420>) for description.)

MUS-421B. Independent Study In Music. 2 Hours.

(See MUS-420 (<http://catalog.neiu.edu/search/?P=MUS-420>) for description.)

MUS-422. Independent Study In Music. 3 Hours.

(See MUS-420 (<http://catalog.neiu.edu/search/?P=MUS-420>) for description.)

MUS-422A. Independent Study In Music. 3 Hours.

(See MUS-420 (<http://catalog.neiu.edu/search/?P=MUS-420>) for description.)

MUS-423. Band. 1 Hour.

Band is a large performing ensemble exploring standard wind band repertoire. Performance of two public and school concerts each semester is required. Graduate students are expected to perform solos, be section leaders, and assist the director in conducting rehearsals.

MUS-424. Music Bibliography And Research. 3 Hours.

Study of basic reference and research materials in music and introduction to methods of research appropriate to music.

MUS-425A. Music Performance Seminar: Brass. 2 Hours.

This seminar is an extension and complement to the applied lesson and focuses on the art of performance. Enrollment in applied lessons and consent of instructor.

MUS-425B. Music Performance Seminar: Piano. 2 Hours.

This seminar is an extension and complement to the applied lesson and focuses on the art of performance. Enrollment in applied lessons and consent of instructor.

MUS-425C. Music Performance Seminar: Strings. 2 Hours.

This seminar is an extension and complement to the applied lesson and focuses on the art of performance. Enrollment in applied lessons and consent of instructor.

MUS-425D. Music Performance Seminar: Woodwind. 2 Hours.

This seminar is an extension and compliment to the applied lesson and focuses on the art of performance. Enrollment in applied lessons and consent of instructor.

MUS-425E. Music Performance Seminar: Voice. 2 Hours.

This seminar is an extension and compliment to the applied lesson and focuses on the art of performance. Enrollment in applied lessons and consent of instructor.

MUS-425F. Music Performance Seminar: Percussion. 2 Hours.

This seminar is an extension and compliment to the applied lesson and focuses on the art of performance. Enrollment in applied lessons and consent of instructor.

MUS-426. Orchestra. 1 Hour.

Open to all students with instrumental experience by audition. Opportunities for school and public performance.

MUS-428A. Music Repertoire Seminar: Piano. 3 Hours.

The seminar will consist of an in-depth study of principal styles and forms of repertoire.

MUS-428B. Music Repertoire Seminar: Strings. 3 Hours.

The seminar will consist of an in-depth study of principal styles and forms of repertoire.

MUS-428C. Music Repertoire Seminar: Woodwinds. 3 Hours.

The seminar will consist of an in-depth study of principal styles and forms of repertoire.

MUS-428D. Music Repertoire Seminar: Voice. 3 Hours.

The seminar will consist of an in-depth study of principal styles and forms of repertoire.

MUS-428F. Music Repertoire Seminar: Brass. 3 Hours.

The seminar will consist of an in-depth study of principal styles and forms of repertoire.

MUS-428G. Music Repertoire Seminar: Percussion. 3 Hours.

The seminar will consist of an in-depth study of principal styles and forms of repertoire.

MUS-431A. Advanced Applied Music Pedagogy I: Piano. 3 Hours.

At an advanced level, this course explores various aspects of the field of teaching applied music. The course will explore available methods and materials and techniques of teaching students at various ages and levels of advancement. It will also focus on various approaches to teaching technique, placing them in a historical context and learning how to apply them to students at various levels of advancement.

MUS-431B. Advanced Applied Music Pedagogy I: Strings. 3 Hours.

At an advanced level, this course explores various aspects of the field of teaching applied music. The course will explore available methods and materials and techniques of teaching students at various ages and levels of advancement. It will also focus on various approaches to teaching technique, placing them in a historical context and learning how to apply them to students at various levels of advancement.

MUS-431C. Advanced Applied Music Pedagogy I: Brass. 3 Hours.

At an advanced level, this course explores various aspects of the field of teaching applied music. The course will explore available methods and materials and techniques of teaching students at various ages and levels of advancement. It will also focus on various approaches to teaching technique, placing them in a historical context and learning how to apply them to students at various levels of advancement.

MUS-431D. Advanced Applied Music Pedagogy I: Woodwinds. 3 Hours.

At an advanced level, this course explores various aspects of the field of teaching applied music. The course will explore available methods and materials and techniques of teaching students at various ages and levels of advancement. It will also focus on various approaches to teaching technique, placing them in a historical context and learning how to apply them to students at various levels of advancement.

MUS-431E. Advanced Applied Music Pedagogy: Voice. 3 Hours.

At an advanced level, this course explores various aspects of the field of teaching applied music. The course will explore available methods and materials and techniques of teaching students at various ages and levels of advancement. It will also focus on various approaches to teaching technique, placing them in a historical context and learning how to apply them to students at various levels of advancement.

MUS-431F. Advanced Applied Music Pedagogy I: Percussion. 3 Hours.

At an advanced level, this course explores various aspects of the field of teaching applied music. The course will explore available methods and materials and techniques of teaching students at various ages and levels of advancement. It will also focus on various approaches to teaching technique, placing them in a historical context and learning how to apply them to students at various levels of advancement.

MUS-432A. Advanced Applied Music Pedagogy II: Piano. 2 Hours.

This course builds upon the knowledge gained in Pedagogy I and continues its exploration of advanced topics in applied music pedagogy. These include music learning theories and their application to the teaching of applied music, analysis from a pedagogical point of view of teaching repertoire, and further exploration of technique in relation to teaching students of various levels of advancement. Special emphasis will be placed on the difficult problem of choosing appropriate repertoire for students which challenges the student in terms of his/her musical, technical, and psychological development.

Prerequisite: MUS-431A (<http://catalog.neiu.edu/search/?P=MUS-431A>) minimum grade of B.

MUS-432B. Advanced Applied Music Pedagogy II: Strings. 2 Hours.

This course builds upon the knowledge gained in Pedagogy I and continues its exploration of advanced topics in applied music pedagogy. These include music learning theories and their application to the teaching of applied music, analysis from a pedagogical point of view of teaching repertoire, and further exploration of technique in relation to teaching students of various levels of advancement. Special emphasis will be placed on the difficult problem of choosing appropriate repertoire for students which challenges the student in terms of his/her musical, technical, and psychological development.

Prerequisite: MUS-431B (<http://catalog.neiu.edu/search/?P=MUS-431B>) minimum grade of B.

MUS-432C. Advanced Applied Music Pedagogy II: Brass. 2 Hours.

This course builds upon the knowledge gained in Pedagogy I and continues its exploration of advanced topics in applied music pedagogy. These include music learning theories and their application to the teaching of applied music, analysis from a pedagogical point of view of teaching repertoire, and further exploration of technique in relation to teaching students of various levels of advancement. Special emphasis will be placed on the difficult problem of choosing appropriate repertoire for students which challenges the student in terms of his/her musical, technical, and psychological development.

Prerequisite: MUS-431C (<http://catalog.neiu.edu/search/?P=MUS-431C>) minimum grade of B.

MUS-432D. Advanced Applied Music Pedagogy II:Woodwind. 2 Hours.

This course builds upon the knowledge gained in Pedagogy I and continues its exploration of advanced topics in applied music pedagogy. These include music learning theories and their application to the teaching of applied music, analysis from a pedagogical point of view of teaching repertoire, and further exploration of technique in relation to teaching students of various levels of advancement. Special emphasis will be placed on the difficult problem of choosing appropriate repertoire for students which challenges the student in terms of his/her musical, technical, and psychological development.

Prerequisite: MUS-431D (<http://catalog.neiu.edu/search/?P=MUS-431D>) minimum grade of B.

MUS-432E. Advanced Applied Music Pedagogy II: Voice. 2 Hours.

This course builds upon the knowledge gained in Pedagogy I and continues its exploration of advanced topics in applied music pedagogy. These include music learning theories and their application to the teaching of applied music, analysis from a pedagogical point of view of teaching repertoire, and further exploration of technique in relation to teaching students of various levels of advancement. Special emphasis will be placed on the difficult problem of choosing appropriate repertoire for students which challenges the student in terms of his/her musical, technical, and psychological development.

Prerequisite: MUS-431E (<http://catalog.neiu.edu/search/?P=MUS-431E>) minimum grade of B.

MUS-432F. Advanced Applied Music Pedagogy II: Percussion. 2 Hours.

This course builds upon the knowledge gained in Pedagogy I and continues its exploration of advanced topics in applied music pedagogy. These include music learning theories and their application to the teaching of applied music, analysis from a pedagogical point of view of teaching repertoire, and further exploration of technique in relation to teaching students of various levels of advancement. Special emphasis will be placed on the difficult problem of choosing appropriate repertoire for students which challenges the student in terms of his/her musical, technical, and psychological development.

Prerequisite: MUS-431F (<http://catalog.neiu.edu/search/?P=MUS-431F>) minimum grade of B.

MUS-434A. Instrumental Ensemble:Brass. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor.

MUS-434B. Instrumental Ensemble: Percussion. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor.

MUS-434C. Instrumental Ensemble: Strings. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor.

MUS-434D. Instrumental Ensemble: Woodwinds. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor.

MUS-434E. Instrumental Ensemble: Accompanying. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor.

MUS-434F. Instrumental Ensemble: Piano Ensemble. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor.

MUS-434M. Instrumental Ensemble: Guitar. 1 Hour.

Open to enrolled students with instrumental experience. Opportunities for school and public performance. Audition and consent of instructor.

MUS-442. World Music. 3 Hours.

A study of world music, cultures and their values, as reflected in the arts; experiencing their music through performance on ethnic instruments, singing and dancing, listening to recordings, map study, with focus on methodology suitable for public school teaching.

MUS-450A. Applied Music: Flute. 0.5 Hours.

Individual study in voice or any instrument for continued development of performing skills and musical artistry: knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability.

MUS-450B. Applied Music: Oboe. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450C. Applied Music: Clarinet. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450D. Applied Music: Saxophone. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450E. Applied Music: Bassoon. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450F. Applied Music: French Horn. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450G. Applied Music: Trumpet. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450H. Applied Music: Euphonium. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450I. Applied Music: Electronic Keyboard. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450J. Applied Music: Trombone. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450K. Applied Music: Tuba. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450L. Applied Music: Marimba. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450M. Applied Music: Percussion. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450N. Applied Music: Snare Drum. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450O. Applied Music: Jazz Piano. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450P. Applied Music: Violin. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450Q. Applied Music: Viola. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450R. Applied Music: Cello. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450S. Applied Music: String Bass. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450T. Applied Music: Guitar. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450U. Applied Music: Harp. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450V. Applied Music: Voice. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450W. Applied Music: Piano. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450X. Applied Music: Jazz String Bass. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450Y. Applied Music: Jazz Guitar. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-450Z. Applied Music: Jazz Voice. 0.5 Hours.

See course description for MUS-450A (<http://catalog.neiu.edu/search/?P=MUS-450A>).

MUS-451A. Applied Music: Flute. 1 Hour.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-451B. Applied Music: Oboe. 1 Hour.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-451C. Applied Music: Clarinet. 1 Hour.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-451V. Applied Music: Voice. 1 Hour.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-451W. Applied Music: Piano. 1 Hour.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-451X. Applied Music: Jazz String Bass. 1 Hour.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-451Y. Applied Music: Electric Bass. 1 Hour.

Individual study in voice or any instrument for development of performance skills and musical understanding; knowledge of the repertoire for the voice or specific instrument at an appropriate college freshman/sophomore level of performing ability.

MUS-452A. Applied Music: Flute. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452B. Applied Music: Oboe. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452C. Applied Music: Clarinet. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452D. Applied Music: Saxophone. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452E. Applied Music: Bassoon. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452F. Applied Music: French Horn. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452G. Applied Music: Trumpet. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452H. Applied Music: Euphonium. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452I. Applied Music: Electronic Keyboard. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452J. Applied Music: Trombone. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-452K. Applied Music: Tuba. 2 Hours.

One-hour weekly lesson. Individual study in voice or any instrument for continued development of performing skills and musical artistry; knowledge of the repertoire for the specific voice or instrument at an appropriate level of performing ability. Consent of instructor or department chairperson and graduate standing.

MUS-463. Women In Music. 3 Hours.

A study of some of the most notable women composers and musicians from the Middle Ages to the present. Designed both for musicians and non-musicians, the course will focus equally upon aspects of the music of the historical, social and cultural milieu.

MUS-471. Seminar In Music History:Baroque. 3 Hours.

In-depth study of selected topics in the music history and literature of the Baroque. Individual research topics.

MUS-472. Seminar In Music History:Classic Era. 3 Hours.

In-depth study of selected topics in the music history and literature of the Classic era. Individual research topics.

MUS-476A. Theory Seminar: 20th Century Analytical Procedure And Compositional Techniques. 3 Hours.

The purpose of this course is to give the student an opportunity to explore this selected topic in music. Consent of instructor.

MUS-476B. Theory Seminar: Analytical Procedures And Compositional Techniques In Tonal Music. 3 Hours.

The purpose of this course is to give the student an opportunity to explore this selected topic in music. Consent of instructor.

MUS-476C. Theory Seminar: Analytical Procedures And Compositional Techniques In Chromatic Harmony. 3 Hours.

The purpose of this course is to give the student an opportunity to explore this selected topic in music. Consent of instructor.

MUS-480. Graduate Internship In Music. 3 Hours.

Advanced field experience; a practicum in either traditional or non-traditional areas of music. Main responsibility for researching, developing and completing the project lies with the student.

MUS-491. Seminar In Research In Music Education. 3 Hours.

Study of basic reference and research materials in music education and introduction to methods of research appropriate to music education.

MUS-492. Seminar In Administration And Supervision Of School Music. 3 Hours.

Responsibilities of the music supervisor or the music department chairperson in secondary schools, including curriculum development, public relations, program finance and scheduling.

MUS-493. Dynamics Of A Music Curriculum. 3 Hours.

Problems and procedures related to the planning, development, and implementation of a music curriculum for kindergarten through grade twelve, including current trends in music curricula.

MUS-5901. Thesis Hours. 1 Hour.

Guidance of students preparing a thesis, project or recital to fulfill requirements for the Master of Arts in Music.

MUS-5902. Thesis Hours. 2 Hours.

See course description for MUS-5901 (<http://catalog.neiu.edu/search/?P=MUS-5901>).

MUS-5903. Thesis Hours. 3 Hours.

See course description for MUS-5901 (<http://catalog.neiu.edu/search/?P=MUS-5901>).

National Student Exchange (NSEP)

Courses

- NSEP-208. National Student Exchange. 8 Hours.
- NSEP-209. National Student Exchange. 9 Hours.
- NSEP-210. National Student Exchange. 10 Hours.
- NSEP-211. National Student Exchange. 11 Hours.
- NSEP-212. National Student Exchange. 12 Hours.
- NSEP-213. National Student Exchange. 13 Hours.
- NSEP-214. National Student Exchange. 14 Hours.
- NSEP-215. National Student Exchange. 15 Hours.
- NSEP-218. National Student Exchange. 18 Hours.

Natural Science (NSCI)

Courses

NSCI-094. Natural Science. 3 Hours.

NEIU-Interdisciplinary (NEIU)

Courses

NEIU-301M. Developing A Research Thesis. 1 Hour.

An integrative, collaborative, research-based introduction to the process of thesis writing. Each student conducts a focused search of the literature and prepares a research proposal in response to a specific, identified issue and is introduced to the elements of scholarly writing. Epistemological-and ethical issues of inquiry are explored.

NEIU-302M. College Teaching For TA's. 1 Hour.

A seminar class to introduce students to college teaching skills and prepare them for teaching assistanships. Class discussion, assignments, and activities focus on the theory and practice of teaching and learning at the post-secondary level. Students draw on their own college learning experiences to evaluate instructional techniques and materials for effectiveness and meaning.

NEIU-303. Preparing For Graduate Study. 1 Hour.

Nontraditional Degree Programs (NDP)

Courses

NDP-305. Introduction To Library Research And Information Fluency. 1 Hour.

Introduction to Library Research and Information Fluency, Icr. This class will introduce students to library research and issues in information studies. Students will acquire the skills to find and evaluate information and will learn how to create a bibliography and write citations. The course is geared towards students interested in learning how to research for class assignments, prepare research in their major or for graduate studies.

NDP-310. Writing Intensive Program: Diversity In The Workplace. 3 Hours.

Workplace diversity is a hallmark of contemporary life. This course explores multiple dimensions of diversity, including race, class, gender, sexual orientation, and disabilities with the goal of preparing students to function in varied settings. The course is a writing intensive experience, offering the opportunity to develop and hone written communication skills applicable to the workplace.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

NDP-341. Human Rights: An Introduction. 1 Hour.

Human rights principles have been explicitly enshrined in international documents since the 1948 United Nations Universal Declaration of Human Rights which American leaders helped formulate in the aftermath of the Holocaust. Human rights language is increasingly used in struggles for social justice worldwide. This course introduces students to the conceptions and debates about human rights in the US and globally, examining examples of the ways these values have and have not been implemented or secured.

NDP-342. Environmental Justice. 1 Hour.

This class will give students an overview of issues and concerns related to environmental justice. Understanding environmental issues is crucial today in the context of global warming. This course introduces new ideas through which to consider the environment and our ethical responsibilities living in it.

NDP-351. Time And Project Management Skills. 1 Hour.

This course explores the range and types of time and project management skills used in everyday life, academic and life-long learning, and in work settings. Students will analyze their own styles and theories of time management, learn how to set effective goals and objectives, and learn change management techniques that can be applied to new approaches, strategies, and techniques of time/project management.

Ped Cntnt Kldg Tch Ele Mid Mth (MTHE)

Courses

MTHE-401. Number And Operations For Elementary And Middle School Teachers. 3 Hours.

Number and Operations for Elementary and Middle School Teachers examines the three main categories in the Number and Operations strand of Principles and Standards of School Mathematics (NCTM)-- understanding numbers, representation, relationships, and number systems; the meanings of operations and relationships among those operations; and reasonable estimation and fluent computation. Topics include: what is a number system?; number nets, infinity, and zero; place value; meanings and models for operations; divisibility tests and factors; fractions and decimals; rational numbers and proportional reasoning; and fractions, percents, and ratios. Students will also examine how course topics connect to the elementary and middle school curriculum.

MTHE-402. Patterns, Functions, And Algebra For Elementary And Middle School Teachers. 3 Hours.

Patterns, Functions, and Algebra for Elementary and Middle School Teachers explores the "big ideas" in algebraic thinking. Topics include: finding, describing, and using patterns; using functions to make predictions; understanding linearity and proportional reasoning; understanding non-linear functions; and understanding and exploring algebraic structure. Students will also examine how course topics connect to the elementary and middle school curriculum.

MTHE-403. Geometry And Measurement For Elementary And Middle School Teachers. 3 Hours.

Geometry and Measurement for Elementary and Middle School Teachers introduces geometric reasoning as a method for problem-solving and examines some of the major ideas in measurement. Topics include: properties of geometric figures; making constructions using pencil and paper; using dynamic software; practice using mathematical language to express ideas and justify your reasoning; the basis of formal mathematical proofs and solid geometry; procedures for measuring and learning about standard units in the metric and customary systems; the relationship among units; and the approximate nature of measurement. Students will also examine how course topics connect to the elementary and middle school curriculum.

MTHE-404. History Of Mathematics For Elementary And Middle School Teachers. 3 Hours.

The History of Mathematics for Elementary and Middle School Teachers examines the historical development of mathematical ideas with an emphasis on connections to the elementary and middle school curriculum and the mathematical contributions of a diversity of world cultures. Special attention will be given to the interplay between mathematical ideas and the social and cultural context in which these ideas developed. Mathematical topics include numeration systems, number theory, algebra, geometry, probability and combinatorics.

MTHE-438. Data Analysis, Probability, And Statistics For Elementary And Middle School Teachers. 3 Hours.

Data analysis, Probability, and Statistics for Elementary and Middle School Teachers introduces statistics as a problem-solving process. Students will build their skills through investigations of different ways to collect and represent data and to analyze and interpret variation in data. The course covers the following topics: statistics as problem solving; data representations; describing distributions; the five-number summary; variation about the mean; designing experiments; bivariate data and analysis; probability; and sampling and estimation. Students will also examine how course topics connect to the elementary and middle school curriculum.

MTHE-439. Technology For K-8 Math Teachers. 3 Hours.

This course provides students with opportunities to explore modeling, computational, and communication tools used in teaching K-8 mathematics. The course will focus on: (a) the technological, pedagogical and content knowledge (TPACK) required for implementing software and technological devices effectively in the teaching and assessment of K-8 mathematics and (b) research on the use of technology in teaching and learning K-8 mathematics.

MTHE-450. Equitable Mathematics Teaching For Elementary And Middle School Teachers. 3 Hours.

This course is designed to provide elementary and middle school teachers with opportunities to discuss equity issues in mathematics education. Participants will explore the meanings of equity by reading and discussing mathematics education research articles, including those that draw on sociocultural and sociopolitical theories of learning. In this course, equity broadly refers to thinking about how to provide elementary and middle school students with access to meaningful mathematical learning opportunities and outcomes within school boundaries and how this access is tied to students' intricate experiences in broader contexts. Issues of equity include, but are not limited to, race, culture, gender, SES, disabilities, language, and sexual orientation.

MTHE-451. Research Trends In Elementary And Middle School Mathematics Education. 3 Hours.

This course is designed to provide elementary and middle school teachers with opportunities to acquire knowledge about current research in mathematics education and its application to the practice of teaching. Topics include teachers and teaching, student outcomes, student learning and assessment.

MTHE-496. Graduate Seminar For Elementary & Middle School Mathematics Teachers. 3 Hours.

This course is designed as a capstone for students in the Masters in Pedagogical Content Knowledge for Teaching Elementary and Middle School Mathematics program. Students are given the opportunity to explore mathematical topics of interest to them and they will connect their understanding of that topic to the teaching of elementary and middle school mathematics. Requirements include a project and presentation in addition to course assignments. Problem solving and the study of elementary mathematics from an advanced standpoint will be emphasized. Mathematical topics will vary. Program portfolios are collected at the end of this course.

Philosophy (PHIL)

Courses

PHIL-101. Critical Thinking. 3 Hours.

Introduction to the study of persuasive devices, semantic pitfalls, informal fallacies, rational vs. emotional appeals, and the techniques used in evaluating arguments.

PHIL-102. Introduction To Philosophy. 3 Hours.

Introduction to the main problems of philosophy, i.e. knowledge, reality, morality, religion and art.

PHIL-105. Feminist Philosophy. 3 Hours.

Analysis of recent work in feminist theory in order to investigate woman's situation and its foundations in culture, perception and reality.

PHIL-201. Logic I. 3 Hours.

Introductory course in symbolic logic, dealing with propositional calculus, quantification theory and the logic of relations and classes.

PHIL-202. Comparative Religion. 3 Hours.

A comparative study of the main beliefs and practices of early and primal religions, Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity and Islam.

PHIL-210. Writing Intensive Program: Arguing Philosophically. 3 Hours.

For as long as people have reasoned philosophically, they have noticed that there is something about successful arguments which compels any rational listener to either embrace the conclusion or, barring that, to offer equally compelling reasons for rejecting it. Indeed, what makes for a compelling reason is a matter worthy of careful investigation. Compelling reasons come in various forms—from the extremely compelling deductive arguments of formal logic, to the comparatively weak forms of everyday presumptive reasoning. While we will cover some of the former, we will focus our study of philosophical argument on the various forms of non-deductive argument—inductive, presumptive, and defeasible argument. While our aim is to participate in the exploration of argument, our goal will be the decidedly practical one of analyzing actual arguments in ordinary language.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

PHIL-211. Philosophy Of Religion. 3 Hours.

Philosophical scrutiny of some of the central themes in religion, i.e. the existence of God, the problem of evil, human freedom and immorality, the nature of faith and the role of reason in theology.

PHIL-213. Ethics. 3 Hours.

Introduction to some of the main problems of ethics, including the nature of morality, the meaning of ethical terms, standards for evaluating choices and actions, and the major ideas of important moral philosophers.

PHIL-214. Medical Ethics. 3 Hours.

This course will focus on the ethical dilemmas both doctors and patients confront as practitioners and patients in medicine. We will pay careful attention to the issues of paternalism, voluntary informed consent and personhood and apply these ideas to actual cases.

PHIL-215. Business Ethics. 3 Hours.

Philosophical introduction to the ethical content of some of the current problems confronting the business community, such as the social responsibility of business, poverty and equal rights, the ethical implications of ecology, advertising and consumerism.

PHIL-218. Philosophy Of Sex. 3 Hours.

In this course we will look at a wide range of philosophical topics related to human sexuality—perversion, prostitution gender roles, and sex roles. Along the way will examine the role of power and coercion in sex and we will examine some of the psycho-social implications of sexual violence. The course will have a decidedly normative bent insofar as our analysis and discussion will be conducted through the lens of ethics.

PHIL-222. History Of Ancient Philosophy. 3 Hours.

This course is a critical survey of the development of philosophy in the West from the Presocratics to Plotinus.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

PHIL-231. History Of Medieval Philosophy. 3 Hours.

Critical survey of the development of philosophy in the West from the rise of Christendom to the dawn of the Renaissance.

PHIL-241. History Of Modern Philosophy. 3 Hours.

A critical survey of the development of philosophy in the West in the seventeenth and eighteenth centuries.

PHIL-247. Phenomenology And Hermeneutics. 3 Hours.

This course will focus directly on the main views and debates in the phenomenological tradition which studies consciousness as experience from the first-person point of view and then look at one of its offshoots, hermeneutics, the study of interpretive practices. The course covers the works of Husserl and Heidegger, Scheler and Derrida, Gadamer and Ricoeur.

PHIL-251. Philosophy Of Art. 3 Hours.

An examination of art and aesthetic experience, including personal, social and political significance. Issues explored may include artistic concepts pertaining to form and content, representation and expression, meaning and truth critical interpretation and evaluation.

PHIL-303. Logic II. 3 Hours.

Study of the theory and development of axiomatic systems, including the problems of definability, completeness and consistency.

Prerequisite: PHIL-201 (<http://catalog.neiu.edu/search/?P=PHIL-201>) minimum grade of D.

PHIL-306. Logic III. 3 Hours.

Prerequisite: PHIL-303 (<http://catalog.neiu.edu/search/?P=PHIL-303>) minimum grade of D.

PHIL-313. Ethical Theory. 3 Hours.

Study of theories about the meaning and justification of moral judgements: good and bad, right and wrong, human rights, justice, punishment, freedom and responsibility, self-interest, the common good, pleasure and happiness, religion and morality, relativism, subjectivism and scepticism.

PHIL-332. Contemporary Philosophy. 3 Hours.

Critical survey of the salient schools of contemporary philosophy, notably idealism, pragmatism, logical positivism, analytic philosophy, phenomenology and existentialism.

PHIL-333. American Philosophy. 3 Hours.

Intensive study of the trends prevalent in the modern American philosophical scene, notably pragmatism, idealism, naturalism, positivism, philosophical analysis and phenomenology.

PHIL-335. Analytic Philosophy. 3 Hours.

Critical survey of the development of analytic philosophy in the twentieth century.

PHIL-337. Existentialism. 3 Hours.

Intensive study of selected works of existentialist thinkers such as Kierkegaard, Nietzsche, Sartre and Camus.

PHIL-339. Post Modernism. 3 Hours.

This course will examine the rise of modernity as an "age of unrest", and therein delineating the confrontation between contemporary philosophy and the current epoch. To this end, we will assess the precise ways in which modernity has cast itself forward as a historical and epistemological rupture of devastating proportions, one that irrevocably alters our understanding of knowledge, society, power, technology, language, and the question of human experience.

PHIL-341. Metaphysics. 3 Hours.

Systematic analysis of some of the main problems of metaphysics, such as existence, substance and attribute, change and permanence, essence and accident, universals and particulars, mind and body, identity, individuation and causality.

PHIL-342. Topics In Nonwestern Philosophy And Religion. 3 Hours.

A careful examination of a topic in an important nonwestern tradition and/or religious philosophy.

PHIL-343. Religion & Globalization. 3 Hours.

The course will examine the impact on various forms of religious expression of secularization and the resulting marginalization of regional ideological perspectives that are a result of increased globalization. Attention will be given to the roles played by religious nationalism and fundamentalism as they stand in tension with growing ecumenicalism, religious parochial and relativistic pluralism, and the increased growth of alternative religions. Special attention will be given to the philosophical arguments that are employed in support of these conflicting perspectives.

PHIL-344. Buddhism. 3 Hours.

The course will begin with an analysis of Buddhism's origins within Hinduism and the early development of its religious beliefs and philosophical concepts in India. It will continue with an in depth look at its spread throughout Asia and the transformation of its core beliefs and concepts within the main traditions of Theravada, Mahayana, and the Vajrayana. The course will include a study of current global trends, such as the rise of political and social engagement and the impact of Buddhism on western philosophical traditions including existentialism and phenomenology.

PHIL-345. Social And Political Philosophy. 3 Hours.

Systematic investigation of some of the salient issues currently discussed by social and political philosophers, such as the nature and origin of the state, political obligation, justice, human rights, authority, liberty and evaluation of social and political institutions.

PHIL-346. 19 Century Continental Philosophy. 3 Hours.

This course focuses on the development of German Idealism and its relation to Continental Philosophy. Thematically the class will cover topics such as freedom, epistemology, aesthetics, philosophy of history, and politics in the work of Kant, Fichte, Schelling, Hegel, and Marx.

Requirement: One course in the History of Philosophy or permission of instructor.

PHIL-353. Feminism And The Philosophy Of Science. 3 Hours.

Analytic examination of the concept of femininity as found in the biological and social sciences in order to facilitate discussion of the nature of objectivity and scientific investigation.

PHIL-362. Philosophy Of Law. 3 Hours.

In this course, we will engage in an examination of law and legal systems, as well as of the ideas, ideologies, and principles that are at the core of the establishment and interpretation of law. The pervasive presence of law in our lives should encourage us not only to understand it, but to scrutinize its foundations and presuppositions. Toward this end, we will pay special attention to three aspects of philosophy of law: analytic jurisprudence, normative jurisprudence, and critical law theory.

PHIL-364. Critical Race Theory. 3 Hours.

This course begins with the recognition that racism is prevalent in the United States. Critical Race Theorists confront the historical centrality of white supremacy and the complicity of the law in upholding, indeed constructing, racism. Following the challenge to ahistoricism and acontextualism embedded in standard legal practice brought by Critical Legal Theorists, Critical Race Theorists address racism as embedded in U.S. legal structure. We will examine the law's role in the construction and maintenance of social domination and subordination in order to understand and articulate a critical race theoretical approach to the intersections of race, gender, class and the law.

PHIL-365. Environmental Ethics. 3 Hours.

How ought we behave towards nature and what are the implications of human interaction with ecosystems? We will pay special attention to the value of restored nature and whether it is a form of human domination or whether restoration is a legitimate endeavor to be pursued out of moral obligation. We will integrate actual cases into the class in order to flesh out the policy implications of our philosophical commitments.

PHIL-366. Feminist Ethics. 3 Hours.

What is feminism? What is Feminist Ethics? How do feminists differ in their ways of thinking about the good life and acting in the world than a non-feminist? Why do they differ in their understanding of these issues? How should we live our lives in a way that reflects feminist values? These are just some of the questions we will explore in this class. Specifically, we will explore the key concepts of different types of feminist ethics and the ways to apply it to our everyday lives.

PHIL-367. Postcolonialism. 3 Hours.

In this course we will move toward not a postcolonialism that transcends colonialism, but thinking with those who work toward a practice of decolonial thinking. While there have been many empires which have plundered pre-existing cultures and civilizations, modern colonialism did more than extract tribute, goods and wealth from conquered countries. It restructured economies, societies, languages, histories. Thus, while political colonialism is over in many locales, economic and cultural colonialism reverberate within both former colonies and colonizing countries. Postcolonial theorists write from the margins of and in resistance to reverberating colonial cultural productions.

PHIL-368. Multiculturalism. 3 Hours.

The U.S. is mono-cultural in its structural institutions such as the law, along with the way it represents itself. It is multicultural in that it is made up of peoples of many different cultures all of whom have contributed in significant ways to its formation and continued existence. In this class we will explore the difference between ornamental and structural multiculturalism. While liberal multiculturalism ignores asymmetries of power, we are going to take up polycentric multiculturalism, a multiculturalism that recognizes many centers and the racial, gendered, and classed structural framings of our worlds of sense.

PHIL-370. Re-Thinking Race & Gender. 3 Hours.

This intensive summer course runs for ten days over three weeks. It takes up history critically to engage in a concentrated re-thinking of how we learn to see, identify, and inhabit issues of race and gender. Workshops, lectures, and sessions with invited guests will unpack structures and relations of race and gender and the ways they get naturalized. The course is designed for graduates, undergraduates, and teachers, and is cross-listed in the Graduate College and the College of Arts and Sciences. Prereqs: Graduate status or Junior/Senior status in English, Philosophy, Political Science, Sociology, WGS, AFAM, or LGBTQ.

PHIL-371. Theory Of Knowledge. 3 Hours.

Systematic inquiry into the nature of knowledge, with a consideration of such topics as ways of knowing, perception, memory, personal identity, and other minds.

PHIL-373. Advanced Feminist Philosophy. 3 Hours.

Analytic investigation of the latest feminist theory in order to study the development of feminism.

PHIL-375. Philosophy Of Science. 3 Hours.

Examination of some of the main problems currently discussed by philosophers of science, such as the methodology and foundations of empirical science, the meaning and verification of scientific statements, theories, laws, hypotheses and explanations.

PHIL-381. Independent Study In Philosophy. 3 Hours.

Readings, discussions, and reports on a special topic with faculty supervision. Normally open to majors in their junior or senior year.

PHIL-381A. Independent Study In Philosophy. 3 Hours.

Readings, discussions, and reports on a special topic with faculty supervision. Normally open to majors in their junior or senior year.

PHIL-381B. Independent Study In Philosophy. 3 Hours.

Readings, discussions, and reports on a special topic with faculty supervision. Normally open to majors in their junior or senior year.

PHIL-384. Seminar In The Philosophy Of Religion. 3 Hours.

This seminar course examines questions concerning the existence, nature and evidence for the primary and fundamental objects of religious belief. Topics may include the following: 1) Can we demonstrate God's existence? 2) Is faith irrational? 3) Can we know anything about God? 4) Is the existence of evil evidence against the existence of God? 5) Is religion necessary for morality?.

PHIL-385. Seminar In Philosophy Of Mind. 3 Hours.

This course examines the central issues and debates in philosophy of mind from both historical and contemporary perspectives. Topics covered may include theories of the mind's relation to the body (dualism, monism, functionalism, behaviorism, identity theory, eliminative materialism), theories of mental content, free will, personal identity and first-person experience, among others.

PHIL-387. Seminar On Arendt. 3 Hours.

In this course, we will investigate the work of Hannah Arendt on politics, society and political action. Our primary questions will be what does political action require and what can it accomplish? But we will also pay careful attention to how Arendt thinks politics, because she moves with ease between theoretical abstraction and concrete political practice. Our readings will include texts on civil disobedience, the relationship between history and political theory, the meanings of power and violence, colonialism, totalitarian rule during the Third Reich and the Soviet era, and on racial prejudice as political tool.

PHIL-388. Philosophy Of Language Seminar. 3 Hours.

This course focuses on language use and begins with theoretical challenges from both the analytic (Wittgenstein) and continental (Derrida) traditions in philosophy to idealized theories of language, particularly the reference theory of language as well as the idea that language is a pure and formal unity. We will explore strategies of using language to construct consensus through both syntax and semantics, generating commitment to particular and tacit understandings. We will also work on theories of metaphor and performatives to become skilled in articulating practical complexities of language use.

PHIL-389. Foucault Seminar. 3 Hours.

Michel Foucault is and will remain one of the most influential thinkers of the 20th century. His work is influential not only in philosophy, but in history, sociology, gender studies, justice studies, art, and literary theory. We will focus on the shorter works and interviews found in *Dits et Écrits* both because they are often easier to read than the books, and because Foucault presents his philosophical conclusions most succinctly there.

PHIL-390. Classical Political Theory. 3 Hours.

In this course, we will study ancient political thought to gain a critical perspective on the politics and ethical practices of our own time. But to do so is not to bow to the present. This approach guided the Medieval Era's study of classical philosophy and the Modern Age's study of classical history. And thus, to ask what the ancients teach us about ourselves is to ask a question that is both contemporary and traditional. It is also to ask a question that requires respect for antiquity's distinctiveness.

All political philosophy is an inquiry into how we should live and how we should live together and this is especially true for the ancients. Throughout the semester, we will be attentive to how their understandings of these dimensions of human existence are sometimes quite different from our own.

This course will introduce you to some of the dominant texts and concepts of "Western" political thought drawn from the Mediterranean region and originally written in Hebrew, Greek and Latin. Some of our readings will challenge the centrality of these texts--they will force us out of the frame-- and we will take the fact of this centrality in this liberal arts and sciences as a problem for thought and discussion.

PHIL-391. Modern Political Theory. 3 Hours.

Study of the dilemmas of political order that compel the development of modern political philosophy and practice. The course will address the emergence of modern humanism and Machiavelli's republican vision, analyze obligation and the rule of law in the contract tradition represented by Hobbes, Locke and Rousseau, and examine ongoing conflicts between authority and freedom and power and equality that plague the 19th, 20th and now 21st centuries. Additional readings will include works by Marx, Hegel, Wollstonecraft, J.S. Mill, Nietzsche and others.

Phys Education Activity (PEMA)

Courses

PEMA-152. Judo And Self-Defense. 1 Hour.

Examination and practical application of judo and self-defense techniques. Special emphasis on proper training methods, physical conditioning, teaching techniques, and rules and regulations in contests.

PEMA-153. Foil Fencing. 1 Hour.

Instruction and drills in basic skills: footwork, lunge, simple and compound attacks, various defensive maneuvers, offensive and defensive strategies. Rules, judging and directing, bouts and tournaments.

PEMA-161. Badminton. 1 Hour.

Introduction to basic skills: clear shots, serves, drop shots, smashes, offensive and defensive strategies. Rules, singles and doubles; tournaments.

PEMA-162. Bowling. 1 Hour.

Theory and practices; rules, regulations, skill practice, tournament play and handicapping and coaching.

PEMA-163. Golf. 1 Hour.

Instruction designed for beginning and experienced golfers in proper use of woods; long, middle, and short iron shots; putting, and specialty shots. Etiquette and rules of golf; visitation to driving range and golf course.

PEMA-164. Archery. 1 Hour.

PEMA-165. Tennis. 1 Hour.

Instruction designed for the beginning player with major emphasis on the serve, forehand/backhand ground strokes. Additional instruction with the lob, volley and overhead. Singles/doubles play and strategies. Rules, tennis etiquette, and tournaments.

PEMA-166. Recreational Games. 1 Hour.

Choosing, teaching and organizing informal recreational activities, including non-traditional, creative activities, sedentary, competitive and cooperative play situations.

PEMA-167. Field Hockey. 1 Hour.

History, theory and practice, rules and regulations, skill practices, purchase and care of equipment, team organization, strategy, competition and safety measures.

PEMA-171. Softball. 1 Hour.

Emphasis on basic softball skills, team offensive and defensive strategies, rules, interpretations and umpiring mechanics with practical umpiring experience during games.

PEMA-172. Basketball. 1 Hour.

Review of skills with emphasis on team drills and team play. Thorough coverage of rules and mechanics of officiating. Practical use of officiating techniques during games. Team tournaments as well as a one-on-one tournament.

PEMA-173. Volleyball. 1 Hour.

Basic instruction in power volleyball skills; serving, passing, spiking. Offensive and defensive team play, rules strategies and tournaments.

PEMA-181. Advanced Swimming Techniques. 1 Hour.

Instruction in the basic strokes and in elementary diving front and back, safety skills in and near the water and activities to increase endurance and respond appropriately should injury occur.

Prerequisite: PESV-105 (<http://catalog.neiu.edu/search/?P=PESV-105>) minimum grade of D.

PEMA-201. Racquetball. 2 Hours.

Introduction to basic and advanced skills: serves, kill shots, passing shots, ceiling shots; use of back wall and corners; offensive and defensive strategies; singles, doubles, cutthroat play; tournaments.

PEMA-203. Weight Training. 2 Hours.

Basic principles of weight training and its effects on the body; proper lifting and training technique, individualized programs for general fitness or athletics, isometrics and safety procedures.

PEMA-204. Weight Training - Variable Resistance Method. 2 Hours.

Variable resistance of weight training with instruction on structure and function of variable resistance machines. Training principles, safety procedures and techniques applied to individualized basic workout.

PEMA-205. High Intensity Weight Training. 2 Hours.

PEMA-250. Judo And Self Defense: Intermediate. 1 Hour.

Practical application of various intermediate judo and self-defense techniques, mat holds, escaped and chokes. Continued emphasis on proper training methods, physical conditioning, teaching techniques, and rules and regulations in contests.

Prerequisite: PEMA-152 (<http://catalog.neiu.edu/search/?P=PEMA-152>) minimum grade of D.

PEMA-252. Folk, Round And Square Dance. 1 Hour.

Development of knowledge and skill in folk, national and square dances, experience in square dance calling and methods of class organization and teaching.

PEMA-253. Social Dance And Latin American Rhythms. 1 Hour.

Practice in basic patterns and routines of ballroom dances, developing a finer sense of rhythm, greater adeptness, comprehension, and opportunity to design routines.

PEMA-265. Intermediate Tennis. 2 Hours.

Review of the forehand and backhand ground strokes, the flat serve, basic strategy, rules and etiquette. Introduction to intermediate skills such as the volley, the lob, drop shots, passing shots and the overhead. Additional emphasis on topspin ground strokes, advanced singles and doubles strategies and tournament play.

Prerequisite: PEMA-165 (<http://catalog.neiu.edu/search/?P=PEMA-165>) minimum grade of D.

PEMA-271. Track And Field. 1 Hour.

Theory and practice: terminology and fundamental skills of track and field events and cross-country, techniques of physical conditioning; safety measures.

PEMA-272. Intermediate Volleyball. 2 Hours.

Review of basic fundamentals, introduction of intermediate skills and progressions, officiating and tournaments, offensive and defensive strategies.

Prerequisite: PEMA-173 (<http://catalog.neiu.edu/search/?P=PEMA-173>) minimum grade of D.

PEMA-273. Flag Football. 1 Hour.

PEMA-276. Team Sports. 3 Hours.

Theory, skill and practice in common sports with emphasis on lea-up games and drills. Skill analysis, lessons and focused practice as well as team play tournaments and safety measures will be covered.

PEMA-277. Foundations Of Wrestling. 1 Hour.

History, skills, practice, strategy and safety practice; rules, regulations, contest, tournaments and safety measures will be covered.

PEMA-280. Basic Skin Diving. 1 Hour.

Introduction of the swimmer to underwater activity through the use of fins, mask and snorkel.

Prerequisite: PESV-105 (<http://catalog.neiu.edu/search/?P=PESV-105>) minimum grade of D.

PEMA-282. Swimming Fitness. 2 Hours.

To introduce the swimmer to the process of physical conditioning through aquatics. To define and use the different training methods in conditioning swimmers (warm-ups, phrases, pacing, fatigue, and staleness). To practice different swim strokes and perfect techniques used in each. To help each swimmer set goals that can realistically achieved. To make each swimmer safer and more self reliant in and around water.

Prerequisite: PESV-105 (<http://catalog.neiu.edu/search/?P=PESV-105>) minimum grade of D.

PEMA-283. Water Aerobics. 2 Hours.

Swimming is one of the best physical activities for people of all ages. Vigorous water activities can make a major contribution to the flexibility, strength and circulatory endurance of individuals.

PEMA-288. Flatwater Canoeing. 2 Hours.

Flatwater canoeing is a skill acquisition and teaching methodology course which covers flatwater canoeing techniques, safety, and technical knowledge.

Prerequisite: PESV-104 (<http://catalog.neiu.edu/search/?P=PESV-104>) minimum grade of D.

PEMA-290. Kayaking And Decker Boat Paddling. 2 Hours.

Decker boat paddling is a skill acquisition and teaching methodology course which utilized kayaks and decked boats.

Prerequisites: PEMA-288 (<http://catalog.neiu.edu/search/?P=PEMA-288>) minimum grade of D and PESV-105 (<http://catalog.neiu.edu/search/?P=PESV-105>) minimum grade of D.

PEMA-301. Projects In Physical Education. 2 Hours.

Organization and administration of special physical education projects; athletic days, tournaments, fun-nites, supervisory duties and responsibilities.

PEMA-332. Fundamentals Of Yoga Philosophy And Practice. 3 Hours.

Introduction to the philosophy and practice of yoga. The philosophical view will be based on Pantanjali's yoga system. In addition, proper breathing techniques, nutrition, positive thinking, relaxation, concentration and stress management will be covered.

PEMA-333. Advanced Application Of Yoga Philosophy And Practice. 3 Hours.

This course will emphasize advanced yoga philosophy and practices. In addition, advanced yoga philosophy and practices. In addition, advanced breathing techniques, relaxation poses, concentration and task performance functions of mind, physical health and stress management will be emphasized.

PEMA-350. Judo And Self Defense: Advanced. 1 Hour.

Advanced judo and self-defense techniques, their combinations, counters, defenses and escapes. Learning various stages of the nage-no-kata, and the katame-no-kats.

Prerequisite: PEMA-250 (<http://catalog.neiu.edu/search/?P=PEMA-250>) minimum grade of D.

PEMA-381. Water Safety Instructor. 2 Hours.

Work leading to certification by the American Red Cross as a Water Safety Instructor; review of life saving, swimming strokes, diving and stunts; emphasis on practical teaching experiences.

PEMA-382. Scuba. 2 Hours.

Development of knowledge, skills and attitudes necessary to participate safely in water activities using self-contained underwater breathing apparatus.

Prerequisite: PESV-106 minimum grade of D.

PEMA-383. Scuba: Open Water. 2 Hours.

Introduction to open water scuba diving, underwater skills, and safety procedures.

Prerequisite: PEMA-382 (<http://catalog.neiu.edu/search/?P=PEMA-382>) minimum grade of D.

Phys Education Service (PESV)

Courses

PESV-104. Beginning Swimming. 1 Hour.

For non swimmers or beginners; development of skills in elementary strokes, diving and safety.

PESV-105. Intermediate Swimming. 1 Hour.

Review of elementary strokes; development of skills in advanced strokes, diving and safety.

Prerequisite: PESV-104 (<http://catalog.neiu.edu/search/?P=PESV-104>) minimum grade of D.

PESV-107. Synchronized Swimming. 1 Hour.

Prerequisite: PESV-105 (<http://catalog.neiu.edu/search/?P=PESV-105>) minimum grade of D.

PESV-127. Latin-American Dance. 1 Hour.

Latin-American dance skills; choreographic development of dance routines; historical and cultural aspects of Latin-American social dances.

Phys Education Theory (PEMT)

Courses

PEMT-109. First Year Experience: Chicago Body Works. 3 Hours.

This course will give students a comprehensive and practical view of the importance of fitness and nutrition in their daily lives. Students will be engaged in activities that they can participate in for life. They will learn the underlying fundamentals of a fit for life attitude. Each student will be provided with the knowledge and understanding of how to assess their current level of fitness and how to make improvements in the five health-related fitness component areas (cardiovascular fitness, body composition, flexibility, muscular strength and muscular endurance) through various physical and skill related activities. Also emphasized will be the importance and application of proper nutrition. A strong focus will be the multifaceted and diverse challenges faced by individuals committed to pursuing wellness in Chicago.

PEMT-109B. First Year Experience: Adventure In Chicago. 3 Hours.

Through a context of Adventure, this course provides students with a diverse range of challenging cognitive and physical activities, both on campus and off, that highlight and enhance the personal and groups skills needed to move through the adventures that will be presented and the adventures that are inherent in a college program. Students will have the opportunity to participate in teambuilding activities, vertical ascents, community service adventures, and other Chicago area challenges. Some level of active participation will be a requirement to Adventure in Chicago.

PEMT-141. Fresh Water Fishing For Beginners. 2 Hours.

PEMT-151. Fundamentals Of Rhythms. 3 Hours.

This course will cover basic locomotor movements, choreography skills (movements with music), and several genres of dance (i.e. ballet, jazz, and modern). Students will be introduced to a wide range of dance forms (social, cultural, and creative dance) and dance pedagogy. Students will achieve proficiency in a variety of fundamental dance skills and basic teaching strategies. Departmental Approval required.

PEMT-201. Introduction To Principles And Methods In Physical Education. 3 Hours.

Principles, methods, aims and objectives of physical education; the place of physical education in the school curriculum; general and specific objectives; general techniques in teaching; principles of selecting content; progressions, building curricula to fit varying schools; lesson planning leadership, and squad organizations; co-operation with teachers, supervisors and administrators.

PEMT-203. Fitness Education. 3 Hours.

This course will cover the development and implementation of numerous fitness-related activities and current trends in fitness for physical education. Students will be introduced to the components of health and skill related fitness, principles of training and fitness pedagogy through experiential activities. Students will achieve a thorough understanding of fitness.

Prerequisites: PEMT-201 (<http://catalog.neiu.edu/search/?P=PEMT-201>) minimum grade of C and College of Education Admission YES.

PEMT-2031. Field Experiences:Dance Theory Aquatic Medium. 3 Hours.

PEMT-2032. Field Experiences:Recreation Program Leadership. 3 Hours.

PEMT-2033. Field Experiences:Officiating Football And Basketball. 3 Hours.

PEMT-2034. Field Experiences:Summer Recreation Leadership. 3 Hours.

PEMT-203A. Field Experiences:Football, Coaching And Team Management I. 3 Hours.

PEMT-203C. Field Experiences:Basketball, Coaching And Team Management I. 3 Hours.

PEMT-203E. Field Experiences:Softball, Coaching And Team Management I. 3 Hours.

PEMT-203G. Field Experiences:Baseball, Coaching And Team Management I. 3 Hours.

PEMT-203I. Field Experiences:Tennis, Coaching And Team Management I. 3 Hours.

PEMT-203K. Field Experiences:Golf, Coaching And Team Management I. 3 Hours.

PEMT-203M. Field Experiences:Swimming, Coaching And Team Management I. 3 Hours.

PEMT-203O. Field Experiences:Waterpolo, Coaching And Team Management I. 3 Hours.

PEMT-203Q. Field Experiences:Volleyball, Coaching And Team Management I. 3 Hours.

PEMT-203S. Field Experiences:Gymnastics, Coaching And Team Management I. 3 Hours.

PEMT-203X. Field Experiences:Camping And Outdoor Recreational Activities. 3 Hours.

PEMT-205. Nutrition, Weight Control And Exercise. 3 Hours.

Principles of exercise and nutrition as they apply to fitness and weight control. Special emphasis is directed toward the management of these variables in influencing body composition, lean body weight, growth and physical performance. A class experiment will help show the effects of behavior modification on weight control. Additional topics include the effects of aging, sexual differences and various physical activities on body composition and fitness.

PEMT-206. Socio-Cultural Influences On Physical Activity. 3 Hours.

This course will cover the contemporary and historical perspectives on social and cultural issues that influence youth in physical activity settings. Students will be introduced to issues including race, gender, sexuality, body image, and socioeconomic status and how they influence physical activity. Students will achieve a broader understanding of how these issues influence physical activity and strategies to encourage participation.

PEMT-220. Introduction To Adventure Education. 3 Hours.

The student will learn outdoor skills with practical knowledge, safety and concern for the environment being the main objective. In addition, the student will develop problem solving and critical thinking skills through a series of physically and mentally challenging tasks. A weekend outdoor trip is required.

PEMT-231. Individual & Dual Sports. 3 Hours.

Analysis of sport skills used in common individual and dual activities. Organization and sequencing of skills, practice sessions, lead-up activities and drills as well as rules, strategies, tournaments, and safety concerns will be addressed.

Prerequisites: PEMT-201 (<http://catalog.neiu.edu/search/?P=PEMT-201>) minimum grade of C and College of Education Admission YES.

PEMT-241. Advanced Techniques And Theories In Fresh Water Fishing. 2 Hours.

Prerequisite: PEMT-141 (<http://catalog.neiu.edu/search/?P=PEMT-141>) minimum grade of D.

PEMT-276. Team Sports. 3 Hours.

Theory, skill and practice in common sports with emphasis on lead-up games and drills. Skill analysis, lessons and focused practice as well as team play tournaments and safety measures will be covered.

Prerequisites: PEMT-201 (<http://catalog.neiu.edu/search/?P=PEMT-201>) minimum grade of C and College of Education Admission YES.

PEMT-300. Adventure Education Programming. 3 Hours.

Course will focus on how to integrate an interdisciplinary adventure-based program into traditional school curricula. The following topics will be investigated: Philosophical knowledge of adventure education, liability and safety in program design and developing interdisciplinary education units.

Prerequisites: PEMT-201 (<http://catalog.neiu.edu/search/?P=PEMT-201>) minimum grade of C and College of Education Admission YES.

PEMT-301. Physical Education Seminar. 2 Hours.

Discussion of student teacher's problems; conferences and counseling with department staff members; physical education lesson planning and discussions; positive disciplinary control.

PEMT-302. Kinesiology. 3 Hours.

A systematic approach to the analysis of the responses of the human organism to both internal and external forces. The human body as an instrument for solving environmental challenges in movement will be investigated from both qualitative and quantitative perspectives. Lecture and laboratory.

Prerequisite: PEMT-305 (<http://catalog.neiu.edu/search/?P=PEMT-305>) minimum grade of D.

PEMT-303. Adapted Physical Education And Recreation. 3 Hours.

Examines the physical education and recreation program for the handicapped and other atypical populations; history, scope, purpose and development of these programs. Field work and visits to various agencies included in these programs.

Prerequisites: PEMT-201 (<http://catalog.neiu.edu/search/?P=PEMT-201>) minimum grade of C and PEMT-343 (<http://catalog.neiu.edu/search/?P=PEMT-343>) minimum grade of C and College of Education Admission YES.

PEMT-304. Athletic Training. 3 Hours.

Techniques, practices, problems and theories pertaining to athletic conditioning, prevention, treatment and care of athletic injuries. Organization, supervision and administration of an athletic training program in secondary school or colleges.

Prerequisite: PEMT-302 (<http://catalog.neiu.edu/search/?P=PEMT-302>) minimum grade of D.

PEMT-305. Functional And Structural Human Anatomy. 4 Hours.

This course will cover the fundamental functional and structural anatomical aspects of the human body. Students will be introduced to the skeletal, muscular, nervous, respiratory, cardiovascular, endocrine and reproductive systems. Students will achieve a broad understanding of the function and structure of these systems and how this knowledge can be applied in health and physical activity settings.

PEMT-306. Exercise Physiology. 3 Hours.

This course will cover a broad understanding of the metabolic processes and various physiological systems that underlie human movement. Students will be introduced to the specific adaptations that occur within the body as a result of various types of physical activity. Students will achieve a strong understanding of how physiological concepts, related to human movement, explain the impact of exercise and physical activity on the body. Additionally, students will be able to apply their knowledge of these systems to provide more effective exercise, sport and physical activity programs. Departmental approval required.

Prerequisites: PEMT-307 (<http://catalog.neiu.edu/search/?P=PEMT-307>) minimum grade of C and PEMT-305 (<http://catalog.neiu.edu/search/?P=PEMT-305>) minimum grade of C and College of Education Admission YES.

PEMT-307. Assessment In Physical Education. 3 Hours.

This course will cover the role of assessment in K-12 physical education programs.

Students will be introduced to the development of assessments in the psychomotor, cognitive and affective learning domains. In addition they will learn basic statistics, introductory data manipulation, presentation, and analysis. Students will achieve an understanding of the basic principles of assessment, creation of developmentally appropriate assessments, and achieve proficiency in the manipulation, presentation, and interpretation of assessment data.

Prerequisites: PEMT-201 (<http://catalog.neiu.edu/search/?P=PEMT-201>) minimum grade of C and College of Education Admission YES.

PEMT-308. Motor Skill Behavior. 3 Hours.

This course will cover the central theories and concepts of motor skill behavior and their practical application in instructional settings. Students will be introduced to motor skill learning theories and concepts explaining central and sensory control of movement, childhood motor development and factors influencing motor skill learning. Students will achieve a broad understanding of how to apply these theories and concepts in practitioner based settings such as teaching, coaching, clinical and therapeutic environments. Departmental Approval required.

Prerequisites: PEMT-307 (<http://catalog.neiu.edu/search/?P=PEMT-307>) minimum grade of C and College of Education Admission YES.

PEMT-309. Sport & Exercise Psychology. 3 Hours.

This course will cover the psychological theories and constructs that underlie performance in sport, exercise and physical activity settings. Students will be introduced to the foundational theories that explain individual and contextual factors that influence behavior in the physical realm. A theory to practice approach will be used to understand the psychology of sport and exercise behavior. Departmental approval required.

Prerequisites: PEMT-201 (<http://catalog.neiu.edu/search/?P=PEMT-201>) minimum grade of C and College of Education Admission YES.

PEMT-311. Introduction To The Theory And Methodology Of Coaching. 3 Hours.

This course will cover the basic theory, methodology, and principles of athletic coaching. Students will be introduced to sport and exercise science theory, instructional methodology, and pedagogical principles related to athletic coaching. Students will achieve a broad understanding of how theory and methodology underpin quality athletic coaching and the ability to apply these concepts in practice. Requires Departmental authorization/approval.

PEMT-316. Writing Intensive Program: Writing In Health, Physical Education, Recreation & Athletic Professions. 3 Hours.

This course is a writing intensive experience, offering students the opportunity to develop written communication skills in their profession. Topics include evaluating sources of information, conducting an annotated bibliography using library databases, citing references using APA format, ethical use of resources, utilizing a multi-step writing process, summarizing communications, building a persuasive argument, proposing a solution to a problem, and explaining a phenomenon. Exercises include developing press releases, memo, article critiques, newsletter articles, a grant application, resume, and cover letter in application for a job. Information sources include peer-reviewed and popular periodicals, videos, websites, textbook, and other appropriate media.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

PEMT-321. Intra-Murals Highschool. 3 Hours.**PEMT-341. Physical Education Curriculum Design. 3 Hours.**

This course will cover the design and implementation of current physical education curricular models. Students will be introduced to developmentally appropriate methodologies for lessons, units, and semester planning for a variety of models. Students will achieve an understanding of how to develop and apply these models in k-12 physical education settings. Requires Departmental authorization/approval.

PEMT-342T. Cooperative Learning In Adventure Education. 3 Hours.

This course is designed to provide theory and application of experiential learning, with application to the elementary and middle school classroom. The focus is on discovering self-knowledge, developing trust and promoting teamwork, establishing effective learning environments, learning principles of conflict resolution, and understanding and managing classroom group dynamics. There will be active hands-on participation in a variety of experiential activities, including the opportunity to co-facilitate learning experiences with peers and middle-school students, which will promote fuller understanding of the power and utility of experiential learning. There will be opportunities to work with students and teachers in elementary and middle schools.

PEMT-343. Foundations Of Physical Education For Elementary Schools. 3 Hours.

This course will cover the basic pedagogical principles and methodologies for the design and implementation of physical education in elementary schools. Students will be introduced to elementary planning, pedagogy, behavior management, and assessment and evaluation of student performance. Students will achieve the theoretical knowledge (classroom) and the practical experiences (field experience) required to fulfill the professional responsibilities of a successful elementary school physical educator. Additionally, students will be required to observe 20 hours in an elementary physical education setting.

Prerequisites: PEMT-201 (<http://catalog.neiu.edu/search/?P=PEMT-201>) minimum grade of C and College of Education Admission YES.

PEMT-344. Foundations Of Physical Education For Secondary & Middle Schools. 3 Hours.

This course will cover basic components of the edTPA portfolio, including a review of planning, implementation, and assessment in physical education. Students will be introduced to authentic physical education classroom settings and the planning, implementation and assessment processes that occur. Students will achieve a broad understanding of the edTPA process and the factors that influence quality physical education within the school setting. Students are required to complete a minimum of 100 hours of clinical observation (50 elementary, 50 secondary) during this course. Departmental Authorization/Approval required.

PEMT-351. Independent Study In Physical Education. 1 Hour.

Special project of the student's choosing relating to some facet of physical education.

PEMT-352. Independent Study In Physical Education. 2 Hours.

(See PEMT-351 (<http://catalog.neiu.edu/search/?P=PEMT-351>) for description.).

PEMT-353. Independent Study In Physical Education. 3 Hours.

(See PEMT-351 (<http://catalog.neiu.edu/search/?P=PEMT-351>) for description.).

PEMT-361. Aerobics And Cardiovascular Fitness. 2 Hours.

An analysis of the factors and exercises essential to cardio-vascular fitness. Emphasis upon the development of a personal aerobics exercise program.

PEMT-373. Outdoor Leadership Skills In Adventure Education. 3 Hours.

Leadership skills focuses upon theories, techniques and styles necessary for successful outdoor adventure leaders and the development of those skills on an individual basis.

Physics (PHYS)

Courses

PHYS-103. The Universe: Past, Present And Future. 3 Hours.

An introductory-level Astronomy/Astrophysics course for non-science majors requiring no previous college-level science background. The evolution of the universe: Big Bang creation, expansion of the universe, formation, development and properties of stars, endings of the universe; as well as the history of our understanding of the universe from the perspectives of culture, philosophy science. Knowledge of basic algebra skills is assumed.

Prerequisite: (MATH-091 (<http://catalog.neiu.edu/search/?P=MATH-091>) - 499 or MATH-091A - 499Z or NEIU Math Placement Result 02 - 45 or ACT Math 19 - 36 or Accuplacer Elementary Algebra 060 - 084 or Accuplacer College Level Math 020 - 120).

PHYS-104. Energy. 3 Hours.

A course for non-science majors requiring no previous college-level mathematics or science background. Physics and its application to the problems of energy consumption and production are discussed. Topics include the need for nuclear reactors and the implications thereof, the dumping of nuclear waste at sea and alternatives, better energy sources and energy depletion, the motion of pollutants through the environment, and other related topics.

PHYS-108. Physics Concepts For Educators. 4 Hours.

A laboratory oriented course that integrates concepts from geometry, algebra and trigonometry. Central concepts of physics (the laws of mechanics and electricity, the properties of light, atoms and nuclei) and how they are applied in the modern world (rockets, electric motors, optical instruments, automobiles, fuel cells, alternative fuels, stationary i.e. power plant and non-stationary i.e. aircraft, green technology etc.) are investigated. Issues of smart materials, celestial mining, nanotechnology, quantum computing and other contemporary critical technologies may be investigated.

Discussion may include topics and concepts related to robotics, kinematics and dynamics of particles and rigid bodies and electrostatics, electric fields, electric potentials, currents, magnetic fields, wave motion. Basic concepts of geology, meteorology, oceanography and the solar system may be threaded throughout. Course content is aligned to the National Science Teachers Association and the dimensions of the Next Generation of Science Standards. PHYS-108 (<http://catalog.neiu.edu/search/?P=PHYS-108>) is linked to MATH-280 (<http://catalog.neiu.edu/search/?P=MATH-280>).

PHYS-110. Physics In Everyday Life. 3 Hours.

A laboratory oriented course for the non-science major. Central concepts of physics (the laws of mechanics and electricity, the properties of light, atoms and nuclei) and how they are applied in the modern world (rockets, electric motors, optical instruments, automobiles, toys, etc.). Knowledge of basic algebra skills is assumed. Lecture 2 hours, lab 2 hours.

Prerequisite: (MATH-092 (<http://catalog.neiu.edu/search/?P=MATH-092>) - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

PHYS-200. Introduction To College Physics. 3 Hours.

Prerequisite: MATH-106 minimum grade of D.

PHYS-201. College Physics I. 3 Hours.

Kinematics and dynamics of particles and rigid bodies: Newton's laws, energy, momentum and angular momentum. Physics of fluids, vibration and sound. Heat and thermodynamics.

Prerequisite: MATH-185 (<http://catalog.neiu.edu/search/?P=MATH-185>) minimum grade of D or MATH-106 minimum grade of D.

PHYS-202. College Physics II. 3 Hours.

Electrostatics, Coulomb's law, electric fields, electric potentials, currents, Ohm's law, magnetism, magnetic fields, the forces on or due to moving charges, induction, electromagnetic radiation, wave motion, physical and geometrical optics.

Prerequisite: PHYS-201 (<http://catalog.neiu.edu/search/?P=PHYS-201>) minimum grade of D.

PHYS-203. Physics I Laboratory. 1 Hour.

Laboratory course covering the subject matter of Physics I, and meant to be taken concurrently.

PHYS-204. Physics II Laboratory. 1 Hour.

Laboratory course covering the subject matter of Physics II, and meant to be taken concurrently.

PHYS-206. University Physics I. 3 Hours.

This is the first term of a three-term sequence intended for students majoring in physics, chemistry, or mathematics, PHYS-206 (<http://catalog.neiu.edu/search/?P=PHYS-206>), PHYS-207 (<http://catalog.neiu.edu/search/?P=PHYS-207>), PHYS-215 (<http://catalog.neiu.edu/search/?P=PHYS-215>).

kinematics and dynamics of a particle and systems of particles, momentum, energy, angular momentum, conservation laws, applications to problems involving collisions, oscillatory motion and motion in a gravitational field, rigid body motion, temperature, heat, the laws of thermodynamics, application to thermodynamic engines and ideal gases are discussed.

Prerequisite: (MATH-107 minimum grade of D or MATH-187 (<http://catalog.neiu.edu/search/?P=MATH-187>) minimum grade of D).

PHYS-206L. University Physics I With Lab. 5 Hours.

This is the first term of a two-term calculus based lecture and laboratory sequence intended for students majoring in physics, biology, chemistry, earth science or mathematics, PHYS-206L (<http://catalog.neiu.edu/search/?P=PHYS-206L>) and PHYS-207L (<http://catalog.neiu.edu/search/?P=PHYS-207L>).

Kinematics and dynamics of a particle and systems of particles, momentum, energy, angular momentum, conservation laws, applications to problems involving collisions, oscillatory motion and motion in a gravitational field, rigid body motion, temperature, heat, the laws of thermodynamics, application to thermodynamic engines, and ideal gases are discussed. Lecture: 3 hrs. Lab: 2 hrs.

Prerequisite: MATH-187 (<http://catalog.neiu.edu/search/?P=MATH-187>) minimum grade of D.

PHYS-207. University Physics II. 3 Hours.

Charges, Coulomb's and Gauss's laws, conductors and dielectrics, Ohm's law, magnetic fields, Ampere's Law, motion of charges in magnetic field, Faraday's law, inductance, simple L.R.C. circuits, magnetic properties of matter, electromagnetic waves, kinematics of wave motion, reflection, interference and diffraction.

Prerequisite: PHYS-206 (<http://catalog.neiu.edu/search/?P=PHYS-206>) minimum grade of D.

PHYS-207L. University Physics II With Lab. 5 Hours.

This is the second course of a two-term calculus based lecture and laboratory sequence intended for students majoring in physics, biology, chemistry, earth science or mathematics. Charges, Coulomb's and Gauss's laws, conductors and dielectrics, Ohm's law, magnetic fields, Ampere's law, motion of charges in a magnetic field, Faraday's law, inductance, simple L.R.C. circuits, magnetic properties of matter, electromagnetic waves, kinematics of wave motion, reflection, refraction, interference, and diffraction are discussed. Lecture: 3 hrs. Lab: 2 hrs.

Prerequisites: PHYS-201 (<http://catalog.neiu.edu/search/?P=PHYS-201>) minimum grade of C and MATH-187 (<http://catalog.neiu.edu/search/?P=MATH-187>) minimum grade of C or (PHYS-206 (<http://catalog.neiu.edu/search/?P=PHYS-206>) minimum grade of C or PHYS-206L (<http://catalog.neiu.edu/search/?P=PHYS-206L>) minimum grade of C).

PHYS-211. Physics I Seminar. 1 Hour.

Enrichment Seminar accompanying PHYS-201 (<http://catalog.neiu.edu/search/?P=PHYS-201>) or PHYS-206 (<http://catalog.neiu.edu/search/?P=PHYS-206>). Students do problem solving in collaborative groups on material derived from and supplementing University Physics I or College Physics I to gain a deeper understanding of concepts and applications.

PHYS-212. Physics II Seminar. 1 Hour.

Enrichment Seminar accompanying PHYS-202 (<http://catalog.neiu.edu/search/?P=PHYS-202>) or PHYS-207 (<http://catalog.neiu.edu/search/?P=PHYS-207>). Students do problem solving in collaborative groups on material derived from and supplementing University Physics II or College Physics II to gain a deeper understanding of concepts and applications.

PHYS-215. Physics III. 4 Hours.

Introduction to the physics of the twentieth century, including application to related fields such as biology, chemistry, earth science, and engineering. Fundamental concepts of special relativity, quantum mechanics, and statistical physics as applied to atomic, molecular, nuclear and solid state physics.

Prerequisite: PHYS-202 (<http://catalog.neiu.edu/search/?P=PHYS-202>) minimum grade of D or PHYS-207 (<http://catalog.neiu.edu/search/?P=PHYS-207>) minimum grade of D.

PHYS-301. Independent Study In Physics. 1 Hour.

Research, laboratory work, study or tutorial in a specific area of physics under faculty supervision.

PHYS-302. Independent Study In Physics. 2 Hours.

(See PHYS-301 (<http://catalog.neiu.edu/search/?P=PHYS-301>) for description.).

PHYS-303. Independent Study In Physics. 3 Hours.

(See PHYS-301 (<http://catalog.neiu.edu/search/?P=PHYS-301>) for description.).

PHYS-304. Physics For Elementary School Teachers I. 3 Hours.**PHYS-305. Modern Physics I. 3 Hours.**

This course covers the advances made in the discipline of physics during the first half of the twentieth century that continue to drive the technologies we use today. Topics that will be covered include an introduction to the theory of relativity, elementary quantum theory, and its applications to atomic, molecular and nuclear physics.

Prerequisite: PHYS-207 (<http://catalog.neiu.edu/search/?P=PHYS-207>) minimum grade of C or PHYS-202 (<http://catalog.neiu.edu/search/?P=PHYS-202>) minimum grade of C.

PHYS-306A. Modern Physics II. 3 Hours.

Modern Physics II is the second part of a two course sequence covering advances made in physics during the twentieth century. This content includes aspects of the general theory of relativity, cosmology, thermal physics, and applications of elementary quantum theory to atomic physics, molecular physics, nuclear physics, particle physics and condensed matter physics. Prerequisites: PHYS-305 (<http://catalog.neiu.edu/search/?P=PHYS-305>): Modern Physics I.

Prerequisite: PHYS-305 (<http://catalog.neiu.edu/search/?P=PHYS-305>) minimum grade of D.

PHYS-307. Writing Intensive Program: Modern Physics Lab. 3 Hours.

An introduction to intermediate-level experimental methods, scientific writing, and investigations which provided the experimental foundation for the major revolutions in 20th century physics. Students will perform classic modern physics experiments which demonstrate quantization in nature, wave particle duality, and the properties and interactions of fundamental particles. Students will present written results of their investigations in a variety of formats common in the discipline.

Prerequisites: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C and PHYS-305 (<http://catalog.neiu.edu/search/?P=PHYS-305>) minimum grade of C.

PHYS-308. Introductory Mathematical Physics. 3 Hours.

Vector and tensor analysis, matrices and matrix algebra, ordinary differential equations with constant coefficients; Fourier series, introduction to complex variables.

Prerequisites: MATH-203 (<http://catalog.neiu.edu/search/?P=MATH-203>) minimum grade of D and PHYS-207 (<http://catalog.neiu.edu/search/?P=PHYS-207>) minimum grade of D.

PHYS-309. Fortran And Numerical Analysis For Scientists. 3 Hours.

Introduction to the use of computers in solving scientific problems; Fortran programming is described and applied to several fundamental problems.

Prerequisite: MATH-202 (<http://catalog.neiu.edu/search/?P=MATH-202>) minimum grade of D.

PHYS-311. Mechanics I. 3 Hours.

Statics of particles and rigid bodies, kinematics and dynamics of particles (including damped and forced harmonic oscillators), work and energy, linear and angular momentum, conservation laws, dynamics of rigid bodies, introduction to special relativity.

Prerequisite: PHYS-308 (<http://catalog.neiu.edu/search/?P=PHYS-308>) minimum grade of D.

PHYS-321. Electricity And Magnetism I. 3 Hours.

Coulomb's law, electric fields and electrostatic potential, Gauss's law, Poisson's equation, capacitance, dielectric media, current density, simple circuits, magnetic fields, Lorentz force, magnetic media, induction, Ampere's law, inductance, Maxwell's equations.

Prerequisite: PHYS-308 (<http://catalog.neiu.edu/search/?P=PHYS-308>) minimum grade of D.

PHYS-324. Advanced Classical Physics. 3 Hours.

Introduction to advanced topics in classical physics in preparation for the study of modern physics. Topics include the Lagrangian Formalism of classical mechanics and its application to the theories of planetary motion, small oscillations, rigid body mechanics; Maxwell's equations, radiation and propagation of electromagnetic waves, the theory of special relativity.

Prerequisite: PHYS-311 (<http://catalog.neiu.edu/search/?P=PHYS-311>) minimum grade of D.

PHYS-330. Intermediate Physics Laboratory. 3 Hours.

An introduction to scientific measurement procedures, with special attention paid to the examination of error and uncertainty and to certain widely used experimental techniques and their application. Techniques used include those in optics, electronics and atomic, solid state and nuclear physics. Experiments are chosen according to the individual student's needs and interests. This course may be taken up to three times.

PHYS-331. Optics. 4 Hours.

The fundamental principle of geometrical and physical optics and their application to the design of modern instruments as well as atomic spectra, properties of photos and lasers. Principles discussed in the lecture will be explored in various lab exercises. Lecture 2 hours, Lab 4 hours.

Prerequisites: PHYS-204 (<http://catalog.neiu.edu/search/?P=PHYS-204>) minimum grade of D and (PHYS-202 (<http://catalog.neiu.edu/search/?P=PHYS-202>) minimum grade of D or PHYS-207 (<http://catalog.neiu.edu/search/?P=PHYS-207>) minimum grade of D).

PHYS-332. Electronics. 4 Hours.

Laboratory and lecture covering both the basic structure of various electronic components, and their use and behavior in circuits. The course begins with linear elements, such as resistors, inductors and capacitors and proceeds through various semiconductor devices, diodes, transistors and operational amplifiers and culminates with the structure and use of logic circuits. Major emphasis is placed on laboratory work where the properties and interactions of various circuits are investigated. Lecture 2 hours, lab 4 hours.

Prerequisite: PHYS-204 (<http://catalog.neiu.edu/search/?P=PHYS-204>) minimum grade of D.

PHYS-333. Vibration And Sound. 3 Hours.

Prerequisites: (PHYS-201 (<http://catalog.neiu.edu/search/?P=PHYS-201>) minimum grade of D or PHYS-206 (<http://catalog.neiu.edu/search/?P=PHYS-206>) minimum grade of D) and PHYS-203 (<http://catalog.neiu.edu/search/?P=PHYS-203>) minimum grade of D.

PHYS-335. Thermodynamics And Kinetic Theory. 3 Hours.

Thermodynamic systems; pressure and temperature; ideal gas laws; heat, work and energy; entropy; kinetic theory.

Prerequisites: PHYS-206 (<http://catalog.neiu.edu/search/?P=PHYS-206>) minimum grade of D and MATH-202 (<http://catalog.neiu.edu/search/?P=MATH-202>) minimum grade of D.

PHYS-336. Quantum Mechanics. 3 Hours.

This course provides an introduction to Quantum Mechanics and is intended for physics majors/minors, and math or chemistry majors. The knowledge base covered is an essential foundation for students seeking to understand physical phenomenon at a microscopic level where particles are governed by the laws of quantum physics. The statistical formulation of quantum mechanics is introduced and the Schrodinger equation applied to problems in quantum mechanics including the hydrogen atom and many-particle systems.

Prerequisite: PHYS-215 (<http://catalog.neiu.edu/search/?P=PHYS-215>) minimum grade of C.

PHYS-337. Modern Physics Laboratory. 2 Hours.

A series of experiments chosen according to each student's needs and interests in the fields of optics, electronics and atomic, nuclear and solid state physics.

PHYS-338. Quantum Mechanics II. 3 Hours.

This second course in quantum mechanics is intended for Physics majors who seek to build a solid background in the applications of quantum mechanics. It builds on the foundations introduced in Quantum Mechanics and covers applications of exact and approximate methods in quantum mechanics to real physical systems.

Prerequisite: PHYS-336 (<http://catalog.neiu.edu/search/?P=PHYS-336>) minimum grade of C.

PHYS-344. Introduction To Solid State Physics. 3 Hours.

Crystal structure, crystal bonding, thermal properties of solids, dielectric properties, free electron model of metals, band theory of solids, magnetism, superconductivity, current applications.

Prerequisite: PHYS-336 (<http://catalog.neiu.edu/search/?P=PHYS-336>) minimum grade of D.

PHYS-350. Field Experiences In Physics. 3 Hours.

Practical experience in industrial or government physics laboratories under the joint supervision of the department and the laboratory. There are six hours of field experience required per week. This course may be taken up to three times.

PHYS-361. Materials I:Structural, Mechanical And Thermal Properties. 3 Hours.

An introductory course on the properties of materials for students in all areas of science and technology. Topics include structural, thermal and mechanical properties of metals, alloys, ceramics and plastics, and their explanation in terms of molecular and atomic properties. Lecture 2 hours, lab 2 hours.

Prerequisite: PHYS-215 (<http://catalog.neiu.edu/search/?P=PHYS-215>) minimum grade of D.

PHYS-362. Materials II:Electric And Optical Properties. 3 Hours.

Companion course to Material I with primary emphasis on the electronic properties of materials and their industrial use. Topics include conductors, semiconductors, superconductors, ferromagnetism and ferroelectricity, optical and infra-red properties. Lecture 2 hours, lab 2 hours.

Prerequisites: PHYS-202 (<http://catalog.neiu.edu/search/?P=PHYS-202>) minimum grade of D and MATH-202 (<http://catalog.neiu.edu/search/?P=MATH-202>) minimum grade of D.

PHYS-363. Mechanical Design And Machine Shop Practice I. 3 Hours.**PHYS-365. Microprocessor Electronics. 4 Hours.**

The course acquaints the students with the basics of microprocessor technology, both from the point of view of understanding the theory of operation, and in learning to program and use these devices to accomplish a given task. The Motorola 6800 is the principal example, and each student has access to a microprocessor trainer for practical lab experiences. Interfacing microprocessors to each other and to the outside world is included, and the course culminates with each student completing a major interfacing project. Lecture 2 hours, lab 4 hours.

PHYS-366. Communication Electronics. 3 Hours.

The course covers tuned circuits, radio frequency amplifiers, intermediate frequency amplifiers, cavity resonators and U.H.F. amplifiers, modulation, detection, R.F. power amplifiers, transmitters, transmission lines, antennas, television and special topics in communication electronics, including digital methods and telemetry. Lecture 2 hours, lab 2 hours.

Prerequisite: PHYS-332 (<http://catalog.neiu.edu/search/?P=PHYS-332>) minimum grade of D.

PHYS-367. Transducer And Special Purpose Electronics. 4 Hours.

Lecture and laboratory on the characteristics of devices which convert physical quantities such as heat, light, motion and sound into electrical signal. This includes both the practical aspects of using such devices and the intrinsic physical properties which make their use possible. Sensors used include thermistors, thermopiles, microphones, solar cells, and piezoelectric/ pyroelectric films. The course culminates with each student doing a major project, which may include computer interfacing to the transducers. Lecture 2 hours, lab 4 hours.

PHYS-369. Instrumentation Electronics. 4 Hours.

Lecture and laboratory course on the properties and uses of electronic scientific instruments used in making physical measurements, including computer interfacing. The instruments are studied from input transducer to final output. A major emphasis is placed on laboratory work, where actual instrumentation circuits are built and tested. The course culminates with each student building an actual scientific instrument. Lecture 2 hours, Lab 4 hours.

PHYS-391. Astrophysics. 3 Hours.

An introduction to such topics in astrophysics as the formation, structure, evolution, and death of planets, stars, clusters, galaxies, the universe (Big Bang), and other esoteric objects such as black holes, neutron stars and quasars. Significant applications of physics and mathematics is assumed.

PHYS-392. Beyond The Cosmos' Creation. 3 Hours.

Modern theories for the development of the universe from the Planck Time through the Radiation era and Matter era, to the possible end scenarios, as well as pertinent experimental evidence; Hubble's Law; the Big Bang; the inflationary Big Bang; the evolution of the universe with time and temperature; is the universe open or closed; Dark Mass?; current developments.

Prerequisites: PHYS-215 (<http://catalog.neiu.edu/search/?P=PHYS-215>) minimum grade of D and PHYS-311 (<http://catalog.neiu.edu/search/?P=PHYS-311>) minimum grade of D.

PHYS-400. Introduction To Quantum Mechanics. 3 Hours.**PHYS-401. Advanced Experimental Physics. 3 Hours.****PHYS-402. Atomic Physics. 3 Hours.****PHYS-403. Solid State Physics. 3 Hours.****PHYS-404. Advanced Electronics For Scientists. 3 Hours.**

Prerequisite: PHYS-393 minimum grade of D.

PHYS-405. Elementary Particles. 3 Hours.

PHYS-406. Statistical Mechanics. 3 Hours.

PHYS-407. Relativity And Gravitation. 3 Hours.

PHYS-408. Independent Study In Physics. 3 Hours.

PHYS-409. Thesis Seminar-Physics. 6 Hours.

PHYS-410. Electrodynamics. 3 Hours.

Prerequisite: PHYS-323 minimum grade of D.

PHYS-411. Classical Dynamics. 3 Hours.

Prerequisite: PHYS-312 minimum grade of D.

Polish (POL)

Courses

POL-101. Polish I. 3 Hours.

Development of basic skill in listening, speaking, reading and writing. Cultural appreciation.

POL-102. Polish II. 3 Hours.

Continuation of POL-101 (<http://catalog.neiu.edu/search/?P=POL-101>).

Prerequisite: POL-101 (<http://catalog.neiu.edu/search/?P=POL-101>) minimum grade of D.

POL-103. Polish III. 3 Hours.

Continuation of POL-102 (<http://catalog.neiu.edu/search/?P=POL-102>).

Prerequisite: POL-102 (<http://catalog.neiu.edu/search/?P=POL-102>) minimum grade of D.

Political Science (PSCI)

Courses

PSCI-101. Introduction To Politics. 3 Hours.

PSCI-109. First Year Experience:Civic Engagement, Community And Social Change In Chicago. 3 Hours.

This colloquium is a three-credit course that combines the traditional classroom setting and community service to explore the meaning and interconnection of community, citizenship, politics, diversity, civic engagement and social change. Students enrolled in this course spend time developing their interpersonal and intrapersonal skill (such as, self-awareness, critical thinking and problem-solving skills, leadership skills); become skilled at civic engagement (action strategies and plan, project management, communication, negotiation and teamwork); as well as reading academic literature that examines concepts of democracy, power and justice.

PSCI-210. Introduction To Political Science. 3 Hours.

An introduction to the discipline through an examination of the concepts and skills utilized in the contemporary study of politics. The course provides an overview of political science, including its various sub-fields, and a framework for further study.

PSCI-216. American National Government. 3 Hours.

Description and analysis of national political institutions and processes. Current issues and problems of American government.

PSCI-251. Writing Intensive Program: Comparative Political Systems. 3 Hours.

This course is an introduction to comparative politics. In this course students will study different political systems (democracies, semi-democracies, and authoritarian regimes) by way of selective case studies. Major issues in comparative politics, such as democratization, political culture, political economy, constitutionalism, political leadership, and political parties and elections will be discussed in some detail. Even though this is not a course in American politics, comparisons with the United States will be drawn where appropriate.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

PSCI-275. Introduction To World Politics. 3 Hours.

General introduction to world politics with emphasis on current issues and events of importance at the international or global level. Basic concepts and methods of political analysis are introduced.

PSCI-291. Concepts Of Political Science. 3 Hours.

Analysis of a number of crucial political concepts, such as equality, justice, political obligation, representation, rights and law.

PSCI-301. Independent Study In Political Science. 3 Hours.

Intensive investigation of a special area of political science or a contemporary political issue.

PSCI-302. Independent Study In Political Science. 2 Hours.

(See PSCI-301 (<http://catalog.neiu.edu/search/?P=PSCI-301>) for description.).

PSCI-303. Independent Study In Political Science. 1 Hour.

(See PSCI-301 (<http://catalog.neiu.edu/search/?P=PSCI-301>) for description.).

PSCI-304. Field Experience. 3 Hours.

Placement in a government agency, political office or related institution for 8 hours per week. Opportunity for testing classroom concepts and theories, career exploration and the development of problem solving, research and social skill. Meeting arranged.

PSCI-305. Internship I. 6 Hours.

(See description for PSCI-304 (<http://catalog.neiu.edu/search/?P=PSCI-304>). Hours in placement increased to 16 hours per week.).

PSCI-306. Internship II. 6 Hours.

(See description for PSCI-304 (<http://catalog.neiu.edu/search/?P=PSCI-304>). Hours in placement increased to 16 hours per week.).

PSCI-307O. Topics: Democracy, Responsiveness & Accountability. 3 Hours.

To whom - what interest, whose demands - do elected politicians respond when making policy? In the last thirty years, the number of countries that select their rulers through competitive elections has increased sharply. This class explores the practical implications of ideals like responsiveness and accountability for elected officials, and how these operate in conjunction with the separation of powers, independent judiciaries, political party discipline, pressure from international actors, as well as more base incentives, such as personal ambition and corruption.

Prerequisites: PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C and (PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C).

PSCI-308. Research Methods And Techniques In Political Science. 3 Hours.

Designed for upper division majors in political science or those intending to undertake graduate study in political science, the course provides an introduction to topics and skills given more intensive and specialized consideration on the graduate level. Topics include an introduction to the various research techniques in political science, with emphasis on developing skills necessary for graduate work in the discipline areas of concentration: development of research designs, identification of appropriate data sources, discussion of alternative methodologies, and data analysis techniques.

Prerequisite: PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C or PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C or PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C.

PSCI-310. Congress And The Legislative Branch. 3 Hours.

Introduction to the U.S. Congress as a political and legislative body; includes analysis of the committee system, rules and differences between House and Senate; examines problems of representation and executive-legislative relations.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-311. The American Judiciary And The Judicial Process In American Government. 3 Hours.

An analysis of the judicial policy - making process at all levels of the American judiciary with special emphasis on the Supreme Court's role in constitutional development, separation of powers, and the historical and political context of constitutional law doctrines. Critical cases are examined.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-312. American Presidency And The Executive Branch. 3 Hours.

The role of the President and the executive branch in the American governmental system. Contemporary problems of the Presidency and the bureaucracy.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-313. State Government And Politics. 3 Hours.

Examination of political institutions at the state level: governor, legislature, judiciary, constitution, parties, and administration. Analysis of state politics within and outside the institutional framework. Discussion of major problems and functions of state governments today. Emphasis on Illinois government and politics.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-315. Electoral Politics. 3 Hours.

A review of major developments in electoral politics (including political parties and electoral law) and voting behavior in recent years, and an analysis of current elections.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-316. Pressure Groups: Power, Participation And Public Policy. 3 Hours.

Examination of the role of interest groups in political systems, with emphasis on groups in American politics-their membership, organization, activities, goals, and impact on American public policy with special attention on the role of groups as representative agents and their functioning as facilitators or resistors with regard to social change.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-317. Public Opinion, Mass Media And American Politics. 3 Hours.

The role of public opinion in American politics, techniques of polling and survey research, the impact of mass media on opinion and on candidate preferences; introduces concepts of political culture and socialization.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-319. The Politics Of Law. 3 Hours.

Consideration of various definitions of law, the impact of law on the behavior of various actors; the political, social and economic forces which mold law; the influence of the legal system on the various actors within it; and theoretical efforts to explain the relationships of law and society, with emphasis on the trial courts, the organization of the bar, the origin of litigation and the political consequences of lower court involvement in social conflicts.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-320. Constitutional Law. 3 Hours.

The role of the Supreme Court and its impact on the constitutional development of the due process clause, civil liberties, First Amendment freedoms, and the equal protection of the law are traced with particular emphasis on the assessment of the role of the Supreme Court vis-a-vis the states and the national government in protecting and restricting civil liberties.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-321. American Jewish Politics. 3 Hours.

This course will cover: Conceptual frameworks of American Jewish political power, institutions and behavior; multiple theories of modern Jewish politics in America; internal and external advocacy institutions from 1820-present; American Jews and the legal process; American Jews and the Labor Movement; American Jews and Feminist politics; Anti-Semitism and the American Jewish response; American Jewish politics and Israel.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C.

PSCI-322. Women And Political Influence In The 21st Century. 3 Hours.

This course will examine the changing influence of women both in the American and global context. Some of the questions we will examine include: What does political influence mean in the 21st century and how does it motivate different women in different contexts and cultures to become politically involved? Do certain policy issues appear to increase women's influence more than others? To what extent has capitalism and global entrepreneurship impacted the influence of women? What structural, political, ideological, military, and educational limitations and barriers do women continue to face? How has the meaning of violence against women altered if at all in the 21st century? Do women with political power work to improve the lives of women or do women continue to see the impact of class, race, and gender irrespective of the increase of women's political influence?.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C.

PSCI-323. American Ideologies. 3 Hours.

Exploration of various ideologies that attempt to explain the nature of American society and politics; a discussion of belief systems and value orientations; consideration of diversity and change in a system of fundamental stability; analysis of variants of left and right ideologies.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-325. Public Policy. 3 Hours.

Introduction to the analysis of public policy, including the policy-making institutions and processes; normative and empirical models of policy-making, and case studies of specific public policies.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-326. Educational Policy In America. 3 Hours.

This course examines the politics and policies of education. Education policy encompasses the basic interests and values of society. But in a pluralistic society such as the United States, there is often deep disagreement over those values. Such is the case with education. This course will focus on this struggle with an aim to demonstrate that educational policy is never really about education per se but about politics and struggle over specific interests.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-327. Government And Economy. 3 Hours.

Exploration of the role and purpose of government and market in the American economy; discussion of contemporary issues (e.g., income distribution or government regulation); international comparisons.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-328. Politics Of Poverty. 3 Hours.

This course examines poverty within the context of the American political system. In particular, it examines public policymaking and public policies in regard to poverty, and the historical and political factors that have impacted upon poverty in this nation. This course also includes an examination of theories that have influenced government policies regarding the poor. Finally, it examines recent changes in poverty programs, a discussion of possible alternatives to these programs, and policies regarding payday loans and similar financial practices that impact the working poor.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-329. Minority Politics In The United States. 3 Hours.

This course provides an exploration of the politics of various minority groups in the United States. In a society that is becoming increasingly diverse, it is essential that students gain an appreciation of ethnic, racial, and gender groups in their society. While the course touches upon many groups, the primary focus is upon African Americans, Latinos, and women.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C.

PSCI-330. African American Politics and Social Change. 3 Hours.

This course will familiarize students with the political challenges of and strategies employed by African Americans in the United States. The course examines the impacts of these attempts at social and political change. A critical issue is the extent to which black Americans have gained democracy in American society. Additionally, internal black political issues are examined. Further, the American political system itself is examined as part of the global political community.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C.

PSCI-331. Latinos & Public Policy. 3 Hours.

This course explores the social, economic and political status of Latinos through a public policy lens. Its goal is to provide a basic understanding of public policies on key issues impacting Latino communities. The course provides a brief history of various Latino populations in the U.S. Most significantly, it provides basic foundations for understanding what public policy is, how it is made, how it affects Latino communities, and how it can be impacted to effect positive change for Latinos.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C.

PSCI-332. Latinos & The Law. 3 Hours.

This course critically examines legal topics related to Latinas/os in American society. Students will read and discuss landmark court decisions, law review articles, and chapters from interdisciplinary texts in order to analyze legal doctrines, litigation strategies and the socio-political context in which these legal matters occur. After an initial introductory unit that is heavily historical, we will place a strong emphasis on significant social, political and legal events from the 1940s to the present.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C.

PSCI-333. Immigration, Ethnicity, And Citizenship. 3 Hours.

This course is an introduction to the most important political and academic debates surrounding the topic of immigration: How are citizenship and nationhood defined? What is the relationship between ethnicity and citizenship? What comprises our national and ethnic identity? How do our perceptions of citizenship, nationhood, and ethnicity influence each other as well as our outlook on immigration? What are current immigration policies and immigration policy debates in the U.S. and elsewhere? In addressing these questions, this course will explore five major themes: immigration, identity, ethnicity, (trans)nationalism, and citizenship.

Prerequisite: PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C or PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C.

PSCI-334. Intergovernmental Relations. 3 Hours.

Impact of federalism on policy-making and administration in the American system; focuses on the interaction between federal government and states, metropolitan areas, and cities in the development and implementation of public policy.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-335. Urban Politics. 3 Hours.

Types of urban government and politics; ability of the governmental institutions to meet the demands and respond to the needs of urban areas; community power and control; citizen participation and decentralization of governmental services.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-336. Urban Government Administration. 3 Hours.

Introductory survey of local governmental administration; powers of municipal corporations, special districts and other jurisdictions; taxation, revenue and budgeting, common administrative structures, and institutionalized forms of urban leadership and control.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-338. Chicago Politics. 3 Hours.

The structure of the government of the City of Chicago and its associated politics; the development of the Daley machine and its aftermath with particular focus on the impact of race on contemporary political behavior; including analysis of voting patterns and blocs within the City Council.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-339. Laboratory In Urban Politics. 3 Hours.

First-hand observation of urban governmental organization, political parties, and politically active citizen groups; written and oral reports and class discussion of field observations.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-341. Public Administration. 3 Hours.

Introduction to the role of public bureaucracies in the political system. A general overview of major concepts, processes and problem areas in the field of public administration. Intended for undergraduate students; graduate students seeking a general overview of the field should take PSCI-441 (<http://catalog.neiu.edu/search/?P=PSCI-441>).

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-344. Writing Intensive Program: Public Organization Theory. 3 Hours.

Review of theories concerning public bureaucracies, their internal functioning and societal roles; analysis of the organizational setting of work and its implications; organizational effectiveness, decision-making, leadership and policy formulation, and change in public organizations. Writing Intensive course.

Prerequisites: (PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C) and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

PSCI-345. Government Budgeting. 3 Hours.

Fiscal policy and budget process: historically changing functions of budgeting-from emphasis on control to managerial effectiveness; reassertion of Congressional authority in 1974 and the new budget cycle; zero-based budgeting; impoundment, transfer payments, and grant-in-aid.

Prerequisite: (PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C).

PSCI-346. Public Personnel Administration. 3 Hours.

Organization and administration of the personnel function in public bureaucracies; relations of personnel management to operating departments and agencies; the scope of public personnel services; appraisal of policies and practices in selected areas of personnel management, such as selection and training, human relations and motivation.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-347. Disaster Policy & Politics. 3 Hours.

This course focuses on the evolution of U.S. disaster policy and the practice of emergency management, with particular attention to the roles of local governments, public agencies, and nonprofit agencies in disaster management. The course examines the major policy issues, including the utility of the "all-hazards" model of emergency management; the role of all first responders in disaster operations (police, firefighters, physicians, and medical emergency personnel); military, state and local capacity building; and the design and implementation of hazard mitigation policies and programs. Particular attention will be given to nuclear waste leaks, chemical biological and nuclear attacks, and urban wildfires.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of D.

PSCI-348B. Topics In Public Administration: The Federal Role In American Cities. 3 Hours.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-350. International Relations In Asia. 3 Hours.

The foreign policies of various Asian nations with special attention to the relations among these nations as well as their relations with other areas of the world.

Prerequisite: PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C.

PSCI-351. Government And Politics Of Japan. 3 Hours.

The modern Japanese political system; the relationship between the Japanese people and their institutions, including the interrelationships between the traditional and the modern with emphasis on the structures and processes of Japanese government and politics since World War II.

Prerequisite: PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C.

PSCI-353. Government And Politics Of China. 3 Hours.

The structure and activities of the Chinese Communist party and state communist outlook; ideologies and significant internal and foreign problems.

Prerequisite: PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C.

PSCI-354. Islamic Civilization II: Government And Politics. 3 Hours.

Islam is not only one of the major religions of the world but also a political ideology claiming nearly one billion adherents~ about one-fourth of the entire world population. Its impact on the world within the last 1400 years is so powerful that one cannot study History, Religion, Culture, Politics, Economics and Civilizations without correctly understanding Islam not only as a Religion but also as a force affecting world events.

Prerequisite: PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C.

PSCI-355. The Politics Of Islam. 3 Hours.

Discussion of the religion of Islam and the Islamic political institutions; influence of Islamic political thought and religion on political systems currently operating in major Muslim countries.

Prerequisite: PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C.

PSCI-357. Politics Of The European Union. 3 Hours.

Politics of the European Union is an introduction to the history, the institutions, and the policies of the European Union. Students will discuss topics ranging from theories of integration to economic and social policy and issues of democracy in the EU. Students are required to participate in an EU simulation in which they take on an alter ego and learn first hand how to negotiate through the complex system of EU decision making.

Prerequisite: PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C or PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C.

PSCI-358. Modern European Governments. 3 Hours.

Comparative study of the politics and governments of several major European nations.

Prerequisite: PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C.

PSCI-360. Politics Of Sub-Saharan Africa. 3 Hours.

Examination and comparison of the politics of selected African states; particular emphasis on traditional heritage, colonial background, ideological setting, political parties, role of the military, governmental structure, and problems of nation building.

Prerequisite: PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C.

PSCI-363. Politics Of The Middle East. 3 Hours.

The impact of the physical environment, the economic conditions, and the historical heritage on the political structures presently operating in the region; analysis of the region in its world context.

Prerequisite: PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C.

PSCI-364. Islamic Civilization I: Political Ideology And Theory. 3 Hours.

This course will provide an in-depth view of Islamic Civilization, its development, its rich heritage, and its effects on the social and political life of societies in several parts of the world.

Prerequisite: PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C.

PSCI-365. Politics And Government Of Mexico, Central America And The Caribbean. 3 Hours.

The political systems in Mexico, Central America, and the Caribbean; comparison of the social, economic and political conditions of each; the strategic importance of this region to the United States.

Prerequisite: PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C.

PSCI-366. Politics And Governments Of South America. 3 Hours.

Examination of the various political systems on the continent of South America with comparisons of social and political institutions of the various countries.

Prerequisite: PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C.

PSCI-367. Government And Politics Of South And North Korea. 3 Hours.

Based on a comparative perspective, this course will focus on the two Koreas' political, economic, military, social, educational and cultural developments since the end of the Second World War in 1945. The two Koreas have had different ideologies and different political systems and both of them, like China and Taiwan, have played and will play an extremely important role in the security of the Asian-Pacific Rim. In other words, whether or not the peace in Asia can be maintained depends on the political wisdom of the top leaders in North and South Korea and in the United States.

Prerequisite: PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C.

PSCI-368. The Politics Of The Soviet And Post-Soviet World. 3 Hours.

Political history of the Soviet period, including the structure and operation of the Soviet Communist Party. Dissolution of the Soviet system, analysis of present transition period and future economic and political prospects for Russia and bordering states.

Prerequisite: PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C.

PSCI-369. Russia In International Politics. 3 Hours.

Analysis of the new Russian state as a leader of the former Soviet states and its former Warsaw Pact allies, tensions and new developments; relations with the United States and with the European Community; Russia as a major actor in global politics.

Prerequisite: PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C.

PSCI-371. Canadian Government & Politics. 3 Hours.

The Canadian political system with analysis of the constitutional development, the structure of government, political parties and pressure groups, problems of regionalism and nationality, questions of foreign policy and relationship with the United States.

Prerequisite: PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C.

PSCI-372. Democracy, Responsiveness, & Accountability. 3 Hours.

In recent decades the number of countries that select their rulers through competitive elections has increased sharply. The performance of many of these regimes, however, raises serious doubts about the extent to which elections guarantee a close correspondence between citizen preferences and policy outputs. This class explores the practical implications of ideals like responsiveness and accountability for elected and appointed officials, and how these operate in conjunction with separation of powers, judiciaries, party discipline, pressure from international actors as well as more base incentives, such as personal ambition and corruption.

Prerequisite: PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C or PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C.

PSCI-373. Gender And Politics. 3 Hours.

A study of the relationship of gender and gender roles to political attitudes, beliefs and behavior. The nature of political socialization is considered as well as political and economic structures pertinent to gender distinctions. The approach is comparative.

Prerequisite: PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or WSP-101 minimum grade of C.

PSCI-375. Contemporary International Relations. 3 Hours.

Basic principles and problems; emphasis on contemporary issues in international political life.

Prerequisite: PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C.

PSCI-376. Principles Of International Relations. 3 Hours.

Content and method of studying international relations; classical and behavioral approaches.

Prerequisite: PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C.

PSCI-377. International Organization: Theory And Practice. 3 Hours.

Evolution of existing theories in the area of worldwide and region-wide cooperation among sovereign states. Survey of writings of recognized scholars, as well as commentaries.

Prerequisite: PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-313 minimum grade of C or PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C.

PSCI-378. International Political Economy. 3 Hours.

This course provides a study of the structure and development of the global political economy. To this end, the course will cover topics including: the structure of the international system, historical and present globalization, international trade policies, exchange-rate policies, and domestic and international institutions. The course is designed to stress theory, in addition to key events and developments in the world economy. We will explore theoretical and substantive explanations found in the international system as well as those found within domestic political-economies.

Prerequisite: PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C or PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C.

PSCI-379. War And Peace. 3 Hours.

War as a social institution; causes of war and the conditions of peace; prospects and proposals for a peaceful world order.

Prerequisite: PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C or PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C.

PSCI-380. International Law. 3 Hours.

Evolution of international law from theological statements to modern jurisprudence; ramifications of the state as the single most important international person and its multifaceted activities; case briefing as a method of studying international law.

Prerequisite: PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C.

PSCI-381. International Terrorism. 3 Hours.

Investigation of terrorism, beginning with the problem of definition. Origins and evolution of terrorism as well as motivation and inspirations of those who have embraced terrorism. A selection of terrorist organizations will be studied.

Prerequisite: PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C.

PSCI-383. United States Foreign Policy Since Worldwar II. 3 Hours.

Description and analysis of the important changes in traditional American foreign policy that have occurred since World War II; the international responsibilities that the United State has shouldered as a world power; the political, economic, and social factors that are conditioning and limiting American foreign policy today.

Prerequisite: PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C.

PSCI-384. United States And The World Economy. 3 Hours.

A study of the nature and structure of the world economy and the role played by the U.S. in the post-World War II economy. Topics such as the Bretton Woods System, the Gold Window and flexible exchange rates and their political, social, economic and strategic dimensions.

Prerequisite: PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C or PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C.

PSCI-386. Globalization & Politics. 3 Hours.

This course provides a conceptual foundation for understanding the intensifying global system and its impacts on politics, economics, cultures, and transnational relations. In particular, the course explores the effects of economic globalization - and political responses to economic globalization - in nations of Latin America, Africa, and Asia; examines the roles and possible reforms of major global financial institutions; extends analysis to the cultural and ideological aspects of globalization; and assesses prospects for transnational cooperation on human rights and for expanded global governance and citizenship.

Prerequisite: PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C or PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C.

PSCI-388. International Relations In The Middle East. 3 Hours.

Struggles for power and peace in this strategic region of the world; nature and frequency of interactions between the nations of the region and between these nations and the great powers.

Prerequisite: PSCI-275 (<http://catalog.neiu.edu/search/?P=PSCI-275>) minimum grade of C or IR-201 minimum grade of C or PSCI-251 (<http://catalog.neiu.edu/search/?P=PSCI-251>) minimum grade of C or COMP-211 minimum grade of C or PSCI-210 (<http://catalog.neiu.edu/search/?P=PSCI-210>) minimum grade of C.

PSCI-390. Classical Political Theory. 3 Hours.

Analysis of the concept of a political community in terms of obligations, rights, the public interest, the just state, and the just individual. Selected writing of Plato, Aristotle, Sophocles, Aristophanes, Xenophon, and others.

PSCI-391. Modern Political Theory. 3 Hours.

Analysis of the tensions between the individual and society. Concepts of society, natural rights, political obligation, consent, the rule of law, social contract, and revolution examined through selected writings of Machiavelli, Hobbes, Locke, Rousseau, Burke, Mills, Marx and Pateman.

PSCI-392. Writing Intensive Program: Contemporary Political Philosophy. 3 Hours.

State and governance are among the most traditional, and one might think settled, themes in modern political thought. But recent 21st century events have given these themes a new significance. Were these events, and related problems, prefigured in earlier crises of political order? How does "globalism" affect theories of state and governance? Are the liberal democratic and republican traditions able to meet the dilemmas of security and freedom presented by an increasing inter-connectedness among nation-states? To investigate these questions, this course will explore classics on state and governance and also read selected contemporary theories, histories and literary perspectives on political order.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

PSCI-393. Contemporary Political Analysis. 3 Hours.

Analysis of behavioralism, decision-making theories, quantitative approaches to politics, structural-functionalism, systems theory, game theory, political development theory, and interest group theory.

Prerequisite: PSCI-291 (<http://catalog.neiu.edu/search/?P=PSCI-291>) minimum grade of C or THRY-213 minimum grade of C.

PSCI-394A. Selected Political Theorists: Plato. 3 Hours.**PSCI-394B. Selected Political Theorists: Machiavelli. 3 Hours.****PSCI-394C. Selected Political Theorists: Hobbes. 3 Hours.****PSCI-394D. Selected Political Theorists: Locke. 3 Hours.****PSCI-394E. Selected Political Theorists: Rousseau. 3 Hours.****PSCI-394F. Selected Political Theorists: Adam Smith. 3 Hours.****PSCI-394G. Selected Political Theorists: John Stuart Mill. 3 Hours.****PSCI-394H. Selected Political Theorists: Marx. 3 Hours.****PSCI-394I. Selected Political Theorists: John Rawls. 3 Hours.****PSCI-395. Early American Political Thought. 3 Hours.**

Topics including the American revolution, the writing of the constitution, and the crisis of the Republic will be examined through selected writings of the following theorists and activists: Winthrop, Adams, Paine, Jefferson, Hamilton, Madison, Calhoun, Stanton, Thoreau, Douglass, Grimke, and Lincoln.

PSCI-396. Jewish Political Thought. 3 Hours.

This course explores the Jewish political tradition, focusing particularly on the concepts of power, sovereignty, and community. Starting from the Biblical text, we will examine how both classical and modern thinkers within the Jewish tradition understood the ways in which power was created, the different meanings of leadership, the idea of national independence, and the ultimate question of belonging within a fragmented political community.

PSCI-397. African Political Thought. 3 Hours.

African political thought is examined through selected writings of important African leaders and writers dealing with political developments in the new states of Africa with particular focus on the problems of African identity (African values versus westernization), African socialism, Pan-Africanism, and the one party state.

PSCI-398. Law And Social Change. 3 Hours.

An assessment of the possibilities and limitations of law as an instrument of social change through an examination of the status of minorities and women, the social control of corporate behavior, and the politics of rights.

Prerequisite: PSCI-216 (<http://catalog.neiu.edu/search/?P=PSCI-216>) minimum grade of C or AMER-216 minimum grade of C.

PSCI-399H. Proseminar In Political Theory: Political Concepts Through Literature. 3 Hours.**PSCI-401. Classics Of Political Science. 3 Hours.**

An examination of selected classics of the discipline of political science, with a special emphasis on major contributions of the modern era. This course provides students with an opportunity for close analysis of complex works in political science.

PSCI-402. Research Methods In Political Science. 3 Hours.

Introduction to the various techniques in political science with emphasis on developing skills necessary for graduate work in the department. Areas of concentration: development of research designs, identification of appropriate data sources, discussion of alternative methodologies, data analysis techniques.

PSCI-405. Independent Study In Political Science. 3 Hours.

Research and investigation into selected topics and preparation for a research paper(s) under individual faculty guidance.

PSCI-405A. Independent Study In Political Science. 3 Hours.

Research and investigation into selected topics and preparation for a research paper(s) under individual faculty guidance.

PSCI-406. Independent Study In Political Science. 2 Hours.

(See PSCI-405 (<http://catalog.neiu.edu/search/?P=PSCI-405>) for description.).

PSCI-407. Independent Study In Political Science. 1 Hour.

(See PSCI-405 (<http://catalog.neiu.edu/search/?P=PSCI-405>) for description.).

PSCI-408. Graduate Internship. 3 Hours.

Placement in government agency, voluntary or third-sector organization, advocacy group, political office, or related institution. Opportunity for career-exploration, skill-development, or specialized training. (Hours in placement: 10 per week).

PSCI-412. American Political Elites. 3 Hours.

The nature and impact of elites in the American political system. Readings and discussion will include Plato, Marx, Michels and various contemporary treatments of the nature of American society. Special topics will be covered on the basis of students' particular interest.

PSCI-417. Seminar In Political Behavior. 3 Hours.

Sociological and psychological perspectives in political science; how political attitudes and preferences are formed; comparative political cultures; social and psychological determinants of political cultures; social and psychological determinants of political participation and political decision-making; American voting behavior; discussion of current research in these areas; writing and presentation of seminar papers.

PSCI-420. Religion & Politics In America. 3 Hours.

This course investigates the religious factor in American political life by examining the historical and contemporary effect of religion on political culture, political coalitions, individual political behavior, and public policy. The perspectives of the American founders on the relationship between church and state and the religion clauses in Article IV and the First Amendment will be assessed. We will also look at the major Supreme Court decisions on the meaning of the establishment clause and free exercise clauses in the US Constitution. We will examine the role of the courts in refereeing conflicts over religion in America.

PSCI-421. Congress & The Bureaucracy. 3 Hours.

In this seminar, we will focus on subgovernments in the United States--that is, the administrative agencies, congressional committees, and interest groups associated with a particular policy area. In particular, we will examine the nature of the relationship between congress and regulatory agencies, what congress intended various agencies to do, and whether these agencies generally meet or fail to meet the expectations of congress. We will examine how a bill becomes a law, and then what happens to that law afterwards.

PSCI-424. Law And Equality. 3 Hours.

The course explores how the United States Supreme Court interprets and applies the Equal Protection Clause of the 14th Amendment in situations where a statute or policy contains a classification based race, gender, or sexual orientation. In conjunction with this emphasis on the Court's jurisprudence, other readings will focus on the philosophical underpinnings of the Court's decisions, disparities in power and privilege contained in the law, and personal accounts that detail how the human experience is affected by these disparities. The final segment of the course considers whether the law can be used as a vehicle for social change, and how courts have approached legislative remedies designed to redress past discrimination.

PSCI-427. Seminar In American Policy-Making Process. 3 Hours.

Analysis of legislative, executive, administrative and judicial policy-making processes at the national government level with emphasis on current research, case studies in policy-making and presentation of seminar papers.

PSCI-437. Seminar In Urban Politics. 3 Hours.

Analysis of the politics of metropolitan areas, with emphasis on the mobilization of resources for urban problem-solving, and the political forces that impede the solution of such problems. Students will write and present research papers on urban politics in the Chicago metropolitan area.

PSCI-439. Minority Economic Development. 3 Hours.

This course investigates political and social factors related to the economic development of minority groups in the United States. The demise of legalized segregation has meant racial and ethnic minorities no longer face official barriers to economic success. However, most minority groups (particularly black Americans and Latinos) continue to have lower levels of overall employment, income, and wealth than do whites. This course investigates political and social phenomena contributing to these patterns, as well as efforts by minority groups, supportive whites, and government actors in addressing minority economic issues. There is a particular interest in minority entrepreneurship and employment issues.

PSCI-440. Research Methods In Public Administration. 3 Hours.

Research techniques in the study of public administration. Methods taught will include techniques utilized by both political scientists and public administrators: case studies, decision-making analysis, cost-benefit analysis and others.

PSCI-441. History And Literature Of Public Administration. 3 Hours.

A review of major historical periods in public administration theory and practice and consideration of present tendencies and possible future developments. Consideration of standard summaries of the development of the discipline and primary, classical sources as well as key theorists and concepts of the discipline.

PSCI-442. Public Bureaucracies: Theory And Practice. 3 Hours.

Review of classic and contemporary literature on bureaucracy; analysis of the concept of bureaucracy; examination of selected public bureaucracies; strengths and limitations of the bureaucratic form of work organization; proposed alternative forms of work organization in the public sector; problems of accountability and public control.

PSCI-444. Comparative Public Administration. 3 Hours.

Study of the significance of public administration in a comparative setting with particular emphasis on the Third World; cultural impact on bureaucratic behavior; international and United States technical assistance in public administration; bureaucracy and development; comparative public policy; Third World perspectives and the recent critiques of administratively generated and First World inspired development.

PSCI-446. Homeland Security: Policies, Politics, And Administration. 3 Hours.

In the wake of the events of September 11, 2001, America has struggled to both re-write its understanding of "security" within its borders and to reorganize its resources committed to maintaining "security". This course is designed to explore the revamping of the bureaucracy responsible for "homeland security," and the impact on the population of the sense of uncertainty within borders. Students will examine the impact of these developments on state and local resources committed to "security" in communities, evaluating the strengths and weaknesses of the new "homeland security" efforts on the national, state, and city levels.

PSCI-447. Seminar In Public Policy Analysis. 3 Hours.

Study of governmental policy and program implementation from the perspective of policy choice, decision-making, and evaluation. Topics include criteria for evaluation of policy, techniques of analysis such as forecasting and scenario development, impact analysis, client satisfaction, and inequalities of result.

PSCI-460. Comparative Democratic Institutions. 3 Hours.

This course develops an understanding of the relationships between citizens' underlying interests and values and the policy output produced in democratic countries. We will explore the ramifications of different constitutional designs and electoral systems for the provision of representation. Furthermore, we will examine: the development of policy preferences, citizens' issuing of mandates, government responsiveness, and the ability of citizens to hold governments to account. The operation of bureaucracies as well as nominally independent arms of government, such as central banks, will also be considered.

PSCI-465. Seminar In African Politics. 3 Hours.

An examination of crucial problems in African politics with particular emphasis on modernization and creating political order. Research will focus on political participation, political institutions, national integration, ideology, the strains of modernization the role of the military.

PSCI-469. Democratization & Capitalism In The 21st Century. 3 Hours.

To understand the "third wave" democratization in the late 20th century, this course engages theories about the causes, meanings, and challenges of "democracy", including its complex relationships with capitalism. What were the roles of elites, classes, and social movements in recent democratic transitions, what types of systems emerged, what conditions can cause "de-democratization", and how does the post-Cold War hegemony of market capitalism affect the prospects for sustaining and deepening democracy in the early 21st century?.

PSCI-475. Seminar In The Behavioral Aspects Of International Relations. 3 Hours.

Research, seminar papers, and discussion on the socio-psychological approaches to the study of international relations; topics include the role of nationalism in international relations; topics include the role of nationalism in international conflict, decision-making in international relations, national and international image formation, and the socio-psychological determinants of foreign policies.

PSCI-476. Unified Germany In Changing Europe. 3 Hours.

The course will review the historical background of post-WW II Germany; the reunification process (its problems and potentials); and the role of the "new" Germany in the "new Europe." Still politically and economically dominant in Europe, the question to be explored is whether Germany's future complements or competes with the attempt to bring all of Europe together.

Prerequisite: PSCI-402 (<http://catalog.neiu.edu/search/?P=PSCI-402>) minimum grade of C or PSCI-421 (<http://catalog.neiu.edu/search/?P=PSCI-421>) minimum grade of C.

PSCI-477. Political Integration In Western Europe. 3 Hours.

Focus on post-World War II political integration in Europe; examination of various European international and supranational organizations, with emphasis on the dynamics of political integration in the European Community.

PSCI-478. EU - US Transatlantic Relations. 3 Hours.

Relations between the United States and Europe have been challenged frequently during the post-WWII era. These challenges have become more significant after September 11, 2001. The sympathy for the United States directly after the terrorists attacks quickly dissolved over Iraq. Europe itself was divided between supporters of the United States (UK, Spain, Italy, Poland) and opponents (Germany, France, Belgium). The severe strain in diplomatic relations did, however, little harm to the important trade relations. While differences in values between Americans and Europeans should not be marginalized, shared values significantly outnumber values that divide them. This course discusses the continued challenges in the transatlantic relationship.

PSCI-479. International Politics Of East Asia. 3 Hours.

This course is designed for graduate students interested in international relations in East Asia. It examines the political, economic, and social challenges facing East Asian countries from a comparative perspective. The emphasis will be on theories that inform our understanding of international affairs and foreign policy decision-making, as each is related to East Asia, the military security and economic issues in international relations, though we will also study the domestic conditions driving those relations. Major themes include defense and security, trade and development, and human rights. This course is not aimed to survey a general history of these countries but to discuss major issues and challenges associated with their political, economic and social change and development.

PSCI-481. International Human Rights. 3 Hours.

Human rights issues have been central to many of the top international news stories in recent years, including "ethnic cleansing" in Bosnia and Kosovo, genocide in Rwanda, self-determination in East Timor and Tibet, and humanitarian intervention in Somalia and Sudan (and in Afghanistan and Iraq, more controversially). The way in which the international community has responded to each of these examples demonstrates the complex relationship between state sovereignty and the promotion of universal human rights. Looking at human rights in both comparative and international perspectives, we will discuss the philosophical and political bases for the international human rights movement and probe the ongoing debate over universality and culture relativism.

PSCI-483. International Political Economy. 3 Hours.

This course will simultaneously provide students with a broad and deep overview of international economic relations. We will draw from the literature in international relations, comparative politics, and economics to develop an understanding of international political economy. We will examine the interaction between disparate national economies, national politics, and the international system writ large.

PSCI-491. Seminar On The Work Of Hannah Arendt. 3 Hours.

This course investigates the work of Hannah Arendt on politics, society and political action, and provides an introduction to public realm theory that will work toward mastery of Arendt's understanding of politics as, in Latin, the *res publica*, "the public thing." Our primary questions will be what does political action require and what can it accomplish? Our readings will include texts on civil disobedience, the relationship between history and political theory, the meanings of power and violence, colonialism, totalitarian rule during the Third Reich and the Soviet era, and on racial prejudice as political problem and as political tool.

PSCI-5901. Thesis Hours. 1 Hour.

This course is designed to provide structure, guidance, and support for graduate students in political science in the research and writing of a Master's thesis. The objective of the course is to deepen the understanding of theories and methods related to research on the specific subfield in political science and to apply them to a chosen topic. Specific focus includes: (a) identifying a significant research problem on an political science issue and specifying a research question to address it; (b) analyzing the scholarly literature in relation to your research; (c) describing research design and evidence; (d) shaping coherent arguments and assessments; (e) developing skills in formal academic writing and oral presentation.

Requirement: consent of the thesis advisor, graduate coordinator, department chair and the College Dean.

PSCI-5902. Thesis Hours. 2 Hours.

See course description for PSCI-5901 (<http://catalog.neiu.edu/search/?P=PSCI-5901>).

PSCI-5903. Thesis Hours. 3 Hours.

See course description for PSCI-5901 (<http://catalog.neiu.edu/search/?P=PSCI-5901>).

Portuguese (PORT)

Courses

PORT-101. Portuguese I. 3 Hours.

Development of basic skill in listening, speaking, reading and writing. Cultural appreciation.

PORT-102. Portuguese II. 3 Hours.

Continuation of PORT-101 (<http://catalog.neiu.edu/search/?P=PORT-101>).

Prerequisite: PORT-101 (<http://catalog.neiu.edu/search/?P=PORT-101>) minimum grade of D.

PORT-103. Portuguese III. 3 Hours.

Prerequisite: PORT-102 (<http://catalog.neiu.edu/search/?P=PORT-102>) minimum grade of D.

Psychology (PSYC)

Courses

PSYC-100. Survey Of Psychology. 3 Hours.

An introduction of the study of psychology as a dynamic and changing system of interrelated and interacting areas.

PSYC-109. First Year Experience: Growing Up In Chicago. 3 Hours.

This is a course that introduces students to the basics of child psychological development. What are the steps of development? Which developmental steps are unique to every individual? Which developmental steps are universal and which are culturally determined? Chicago has many resources, historical, art and cultural museum, schools, and its people, that will be used to explore the answers to these questions. Through a combination of hands on activities, verbal and written reflections, students in this class will discover what it means to be a developing human being here in Chicago.

PSYC-109B. First Year Experience: Intimate Chicago: Psychology Of Intimate & Close Relationships In Chicago Films. 3 Hours.

This course will use films as a vehicle for identifying, explaining, and illustrating basic psychological concepts. In addition to learning about the social psychology of romantic and close relationships, students will learn about basic psychological principles from learning, personality, and developmental theories. Students will complete assigned readings on the appropriate psychological theories, apply them to the films, and complete written assignments on them. A group final project will include producing a film on relationships, using Chicago as a backdrop.

PSYC-109C. First Year Experience: The Pursuit Of Happiness In The City. 3 Hours.

In this course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-Discovery, and Transitions) are interwoven with the field-specific concepts and ideas of positive psychology. Happiness means different things to different people. Such differences exist across cultures, income levels, professions, age brackets, and local communities. The course explores what psychologists and other social-science researchers have to say about the pursuit of happiness by diverse people in different social and geographical contexts. The course will look at key concepts and ideas in happiness research, as well as the opinions and experiences of course participants on the topic. Students will examine their own preferences and try to broaden their horizons. Individual "field trips" into the aspects of college and city life are part of the course.

PSYC-110. Life Span Development. 3 Hours.

An introductory class on human development across the life span, from conception to death. Explores the description, explanation, and function of different aspects of development: physical, psychological and social. Designed as a general education course for non-majors, the main purpose of the course is to present the general underlying structures and mechanisms of development. Some of the major theories and research findings will also be covered.

PSYC-200. General Psychology. 4 Hours.

General introduction to the study of psychology as a science. A personalized system of instruction permits flexible scheduling and different rates for fulfilling requirements. The text covers approximately 25-30 units of material. Tutoring and instructional aides are available.

PSYC-202. Writing Intensive Program: Statistics And Research Methods I. 3 Hours.

The first half of a sequence that is intended to prepare students to be consumers/ producers of research. In this course students will learn basic descriptive statistics, correlation and regression, basic elements of research design and APA style. Students will be required to design a project and write the introduction and method. This is a Writing Intensive course.

Prerequisites: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) - 102 and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) and (MATH-092 (<http://catalog.neiu.edu/search/?P=MATH-092>) - 499 or MATH-092A - 499Z or MATH-0092 - 4999 or NEIU Math Placement Result 30 - 45 or Accuplacer College Level Math 020 - 120).

PSYC-210. Parenting. 3 Hours.

Parenting integrates concepts, data and methods from child development, learning theory and applied behavior analysis and utilizes them in the context of a positive parenting philosophy to advance normal child skills development.

PSYC-215. Child Psychology. 3 Hours.

Basic theories, concepts, principles and research data concerning the physical, intellectual, emotional and social aspects of development in children.

PSYC-300A. Proseminar In Psychology: Introduction To Family Studies. 3 Hours.

Prerequisite: PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C or PSYC-100 (<http://catalog.neiu.edu/search/?P=PSYC-100>) minimum grade of C.

PSYC-300B. Proseminar In Psychology: Culture And Human Development. 3 Hours.

Prerequisite: PSYC-215 (<http://catalog.neiu.edu/search/?P=PSYC-215>) minimum grade of C or PSYC-310 (<http://catalog.neiu.edu/search/?P=PSYC-310>) minimum grade of C.

PSYC-300C. Proseminar In Psychology: Graduate Programs In Psychology. 3 Hours.

PSYC-300D. Proseminar In Psychology: Adolescence And Sexuality. 3 Hours.

PSYC-300F. Proseminar In Psychology: Issues In Social Psychology. 3 Hours.

PSYC-300G. Proseminar In Psychology: Culture And Aging. 3 Hours.

PSYC-300J. Special Topics In Psychology: Human Neuropsychology. 3 Hours.

Prerequisite: PSYC-202 (<http://catalog.neiu.edu/search/?P=PSYC-202>) minimum grade of C.

PSYC-300K. Proseminar In Psychology: Play And Development. 3 Hours.

Prerequisites: PSYC-215 (<http://catalog.neiu.edu/search/?P=PSYC-215>) minimum grade of C and PSYC-310 (<http://catalog.neiu.edu/search/?P=PSYC-310>) minimum grade of C.

PSYC-300L. Proseminar In Psychology: Psyc Of Nonverbal Communication. 3 Hours.

PSYC-300M. Proseminar In Psychology: Culture, Diversity And Practicing Psychology. 3 Hours.

PSYC-300N. Proseminar In Psychology: Psychopathology In Film And Literature. 3 Hours.

PSYC-301. Research In The Social Sciences. 3 Hours.

This course is intended to give students the knowledge and skills necessary to interpret research literature in the social sciences and to write a focused literature review in correct APA style. It will cover the conceptual basis of descriptive and inferential statistics and the basic theoretical premises underlying the scientific method and sound research design. The emphasis will be on interpretation rather than computation and will use both textbook examples and actual journal articles as focal point for instruction.

Prerequisite: PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-302. Statistics And Research Methods II. 3 Hours.

This course is the second half of a sequence that is intended to prepare students to be consumers/producers of research. In this course students will learn parametric and nonparametric inferential statistics through three-way analysis of variance, elements of complex experimental and quasi-experimental design, and research elements of APA format. Students will be required to collect data, analyze and discuss results, and write a formal result and discussion section.

Prerequisites: ENGL-102 (<http://catalog.neiu.edu/search/?P=ENGL-102>) minimum grade of C and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C and PSYC-202 (<http://catalog.neiu.edu/search/?P=PSYC-202>) minimum grade of C.

PSYC-303. Advanced Statistics. 3 Hours.

An extension of concepts covered in the introductory statistics course (PSYC-302 (<http://catalog.neiu.edu/search/?P=PSYC-302>)): advanced correlation techniques, analysis of variance and sampling statistics.

Prerequisites: PSYC-302 (<http://catalog.neiu.edu/search/?P=PSYC-302>) minimum grade of C and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-307. Psychological Tests And Measurements. 3 Hours.

Principles and methods of measurement and evaluation: elementary statistical concepts, reliability and validity, interpretation of test results, standards for psychological and educational tests, principles of test construction and use of psychological and educational tests.

Prerequisites: PSYC-202 (<http://catalog.neiu.edu/search/?P=PSYC-202>) minimum grade of C and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-308. Laboratory, Research Methods In Psychology: Tests And Measurements. 3 Hours.

Development, construction, scoring, standardization, determination of reliability and validity of simple tests in psychology.

Prerequisites: PSYC-302 (<http://catalog.neiu.edu/search/?P=PSYC-302>) minimum grade of C and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-310. Developmental Psychology. 3 Hours.

Longitudinal study of the development of behavior throughout the life span, including physiological factors and their bearing on the psychological adjustment of the individual in childhood, adolescence, adulthood, and later maturity.

Prerequisites: (PSYC-202 (<http://catalog.neiu.edu/search/?P=PSYC-202>) minimum grade of C or PSYC-301 (<http://catalog.neiu.edu/search/?P=PSYC-301>) minimum grade of C) and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-311. Psychosexual Development. 3 Hours.

Study of the development of sex differences, from the acquisition of sex role identity in childhood through sex differences in adult personality, cognition and role behavior.

Prerequisite: PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-312. Psychological Development In Women. 3 Hours.

Psychological development and identity formation in women with emphasis on personality, psychosexual and cognitive development.

Prerequisite: PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C or PSYC-100 (<http://catalog.neiu.edu/search/?P=PSYC-100>) minimum grade of C or WSP-101 minimum grade of C.

PSYC-314. Psychology Of The African American Family. 3 Hours.

The purpose of this course is for students to gain an understanding of how African American families have evolved in America. The experiences of slavery and racism have influenced the development of African American families and the social policies and practices toward them. These have resulted in the proliferation of myths and perceptions of African American families that often emphasize the negative end results of years of discrimination. The goal of this course is to examine the history of African American families, research performed on African American families, issues facing African American families, and interventions offered to African American families.

Prerequisite: AFAM-200 (<http://catalog.neiu.edu/search/?P=AFAM-200>) minimum grade of C or PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-315. Advanced Child Psychology. 3 Hours.

Growth of the child's emotional life and personality and basic development principles. Psychological difficulties in children will be studied insofar as this study shed light on the course of normal development.

Prerequisites: PSYC-202 (<http://catalog.neiu.edu/search/?P=PSYC-202>) minimum grade of C and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C and (PSYC-215 (<http://catalog.neiu.edu/search/?P=PSYC-215>) minimum grade of C or PSYC-320 (<http://catalog.neiu.edu/search/?P=PSYC-320>) minimum grade of C or PSYC-310 (<http://catalog.neiu.edu/search/?P=PSYC-310>) minimum grade of C).

PSYC-316. Laboratory, Research Methods In Psychology: Child Development. 3 Hours.

Examination and application of research techniques and methods used in child and developmental psychology. Students will collect, analyze, interpret and present research data.

Prerequisites: PSYC-302 (<http://catalog.neiu.edu/search/?P=PSYC-302>) minimum grade of C and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C and (PSYC-215 (<http://catalog.neiu.edu/search/?P=PSYC-215>) minimum grade of C or PSYC-310 (<http://catalog.neiu.edu/search/?P=PSYC-310>) minimum grade of C).

PSYC-317. Latino Psychology: Mental Health & The Latino Experience In The USA. 3 Hours.

This course is designed for students to explore and gain an understanding the multiplicity of factors (biological, psychological, environmental and cultural) that impact and shape the mental health of different Latino groups living in the USA. Immigration, stereotyping, discrimination and prejudice are key topics in determining how Latinos view themselves in American culture.

Prerequisite: PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-318. Psychopathology Of Childhood. 3 Hours.

Study of the dynamics of pre-adolescent neurotic disturbances.

Prerequisite: PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-319. Child Development In Cross Cultural Perspective. 3 Hours.

Comparative studies of child rearing practices in varying cultural and sub-cultural milieus, including those in the United States; effects of such differences on subsequent adult personality in the cultures under consideration; problems of "normal" and "abnormal" behavior.

Prerequisites: PSYC-215 (<http://catalog.neiu.edu/search/?P=PSYC-215>) minimum grade of C and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-320. Adolescent Psychology. 3 Hours.

Nature of adolescent development and adjustment: physical, intellectual, emotional, and social aspects.

Prerequisite: PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C or PSYC-100 (<http://catalog.neiu.edu/search/?P=PSYC-100>) minimum grade of C or PSYC-110 (<http://catalog.neiu.edu/search/?P=PSYC-110>) minimum grade of C.

PSYC-322. Emotional Disturbances Of Adolescence. 3 Hours.

Study of the psychological dynamics and of the problems and conflicts which the adolescent may experience during this distinct phase of his/her life.

Prerequisite: PSYC-310 (<http://catalog.neiu.edu/search/?P=PSYC-310>) minimum grade of C or PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-324. Geropsychology. 3 Hours.

This course will introduce students to the study of aging and the progression of gerontology. The course focuses on the physical, psychological, social and cognitive aspects of aging from a number of disciplinary perspectives. Micro (individual's process of aging) as well as macro (societal) issues of an aging population will be examined. The course will also introduce students to a number of controversies and debates in gerontology, many of which have implications for social policy.

PSYC-325. Psychosocial Development And Aging. 3 Hours.

Exploration of behavioral development and of the influence of social and environmental factors on the psychosocial development throughout the life span.

Prerequisite: PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-328. Seminar In Aging. 3 Hours.

Integrated and critical evaluation of problems and issues related to aging; assessment of research and of its application to the establishment of programs for the aged.

Prerequisite: PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-330. Psychology Of Personality. 3 Hours.

Contemporary theories of personality development and personality dynamics and definitions of the healthy personality.

Prerequisites: (PSYC-202 (<http://catalog.neiu.edu/search/?P=PSYC-202>) minimum grade of C or PSYC-301 (<http://catalog.neiu.edu/search/?P=PSYC-301>) minimum grade of C) and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-331. Laboratory, Research Methods In Psychology: Personality Development. 3 Hours.

Research methods used in the study of "personality." Collection, analysis and interpretation of research data, and reporting results.

Prerequisites: PSYC-302 (<http://catalog.neiu.edu/search/?P=PSYC-302>) minimum grade of C and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C and (PSYC-330 (<http://catalog.neiu.edu/search/?P=PSYC-330>) minimum grade of C or PSYC-340 (<http://catalog.neiu.edu/search/?P=PSYC-340>) minimum grade of C).

PSYC-340. Abnormal Psychology. 3 Hours.

Overview of psychopathology; similarities and differences between "normal" and "abnormal" groups.

Prerequisites: (PSYC-202 (<http://catalog.neiu.edu/search/?P=PSYC-202>) minimum grade of C or PSYC-301 (<http://catalog.neiu.edu/search/?P=PSYC-301>) minimum grade of C) and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-341. Laboratory, Research Methods In Psychology: Clinical. 3 Hours.

Application of the techniques learned in the Statistics and Research Methods courses to actual research topics in the clinical field of psychology. The format is one hour of lecture and four hours of laboratory, in which student actually collect and analyze data. Fulfills department major lab requirement.

Prerequisites: PSYC-302 (<http://catalog.neiu.edu/search/?P=PSYC-302>) minimum grade of C and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C and (PSYC-330 (<http://catalog.neiu.edu/search/?P=PSYC-330>) minimum grade of C or PSYC-340 (<http://catalog.neiu.edu/search/?P=PSYC-340>) minimum grade of C).

PSYC-345. Theories And Methods Of Individual Therapy. 3 Hours.

Overview of various approaches to psychotherapy.

Prerequisites: (PSYC-330 (<http://catalog.neiu.edu/search/?P=PSYC-330>) minimum grade of C or PSYC-340 (<http://catalog.neiu.edu/search/?P=PSYC-340>) minimum grade of C) and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-346. Introduction To Group Psychotherapy. 3 Hours.

Study and application of the underlying principles of several approaches to group processes; e.g., T-groups, growth (Rogerian) groups, rational-emotive groups, Gestalt groups, T.A. groups.

Prerequisites: (PSYC-330 (<http://catalog.neiu.edu/search/?P=PSYC-330>) minimum grade of C or PSYC-340 (<http://catalog.neiu.edu/search/?P=PSYC-340>) minimum grade of C) and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-350. Physiological Psychology. 3 Hours.

Lectures on physiological research techniques; ablation, lesioning, electro-physiology, and neurochemistry. The neuron, synaptic, electrical and chemical events, sensory physiology, psychopharmacology, memory mechanisms, emotions and vegetative functions are covered.

Prerequisites: (PSYC-202 (<http://catalog.neiu.edu/search/?P=PSYC-202>) minimum grade of C or PSYC-301 (<http://catalog.neiu.edu/search/?P=PSYC-301>) minimum grade of C) and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-351. Laboratory, Research Methods In Psychology: Physiological Psychology. 3 Hours.

Techniques employed in the investigation of brain functions including surgical and testing procedures such as ablation, electrolytic lesions, implants of permanent electrodes, operant conditioning techniques, pharmacological experiments and demonstrations.

Prerequisites: PSYC-302 (<http://catalog.neiu.edu/search/?P=PSYC-302>) minimum grade of C and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C and (PSYC-350 (<http://catalog.neiu.edu/search/?P=PSYC-350>) minimum grade of C or PSYC-370 (<http://catalog.neiu.edu/search/?P=PSYC-370>) minimum grade of C or PSYC-373 (<http://catalog.neiu.edu/search/?P=PSYC-373>) minimum grade of C or PSYC-375 (<http://catalog.neiu.edu/search/?P=PSYC-375>) minimum grade of C).

PSYC-352. Introduction To Neuropsychopharmacology. 3 Hours.

Discussion of neuronal synapse and neurotransmitter action, and the physiology and basic chemistry of the better known putative neurotransmitters; overview of the major and minor tranquilizers, the antidepressants, and the hallucinogens; examination of the better known relationships between neurochemistry, psychopharmacology and behavior.

Prerequisite: PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-353. Physiological Bases Of Mental Disorders. 3 Hours.

Physiological and genetic aspects of mental disorders; major theories and current research models with emphasis on current literature and primary sources.

Prerequisites: PSYC-202 (<http://catalog.neiu.edu/search/?P=PSYC-202>) minimum grade of C and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C and PSYC-350 (<http://catalog.neiu.edu/search/?P=PSYC-350>) minimum grade of C.

PSYC-354. Seminar In Drug Abuse. 3 Hours.

Lectures, discussions and selected readings concerning the psychological, sociological and physiological aspects of drug abuse.

Prerequisite: PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C or BIO-100 (<http://catalog.neiu.edu/search/?P=BIO-100>) minimum grade of C or BIOL-100 minimum grade of C.

PSYC-360. Social Psychology. 3 Hours.

Basic principles and research techniques in social perception, attitude formation, group dynamics, interpersonal attraction, and social influence.

Prerequisites: (PSYC-202 (<http://catalog.neiu.edu/search/?P=PSYC-202>) minimum grade of C or PSYC-301 (<http://catalog.neiu.edu/search/?P=PSYC-301>) minimum grade of C) and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-361. Laboratory, Research Methods In Psychology: Social Psychology. 3 Hours.

Application of techniques learned in Statistics and Research Methods to actual research topics in social psychology. Through lecture and laboratory, in which students actually collect and analyze data.

Prerequisites: PSYC-302 (<http://catalog.neiu.edu/search/?P=PSYC-302>) minimum grade of C and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C and PSYC-360 (<http://catalog.neiu.edu/search/?P=PSYC-360>) minimum grade of C.

PSYC-362. Introduction To Group Dynamics. 3 Hours.

Study of the structures and interpersonal dynamics of small groups.

Prerequisite: PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C or PSYC-100 (<http://catalog.neiu.edu/search/?P=PSYC-100>) minimum grade of C.

PSYC-363. Advanced Group Dynamics. 3 Hours.

Advanced study of the various methods and theories of group interaction and their application.

Prerequisites: PSYC-202 (<http://catalog.neiu.edu/search/?P=PSYC-202>) minimum grade of C and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C and (PSYC-360 (<http://catalog.neiu.edu/search/?P=PSYC-360>) minimum grade of C or PSYC-362 (<http://catalog.neiu.edu/search/?P=PSYC-362>) minimum grade of C).

PSYC-364. Theories Of Intimate Relationships. 3 Hours.

The advanced study of the field of intimate relationships. Coursework covers social psychological theories and research on romantic relationships and addresses topics such as attraction, communication, attachment, love, infidelity, jealousy, conflict, and relationship dissolution.

Prerequisites: PSYC-360 (<http://catalog.neiu.edu/search/?P=PSYC-360>) minimum grade of C and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-365. Industrial Psychology. 3 Hours.

An introductory survey of the diverse field of industrial psychology. Personnel selection, business organizations, marketing and advertising, human factors and human engineering, worker-supervisor relations and executive behavior.

Prerequisite: PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-369. Conservation Psychology. 3 Hours.

Students will explore the emerging field of conservation psychology with an emphasis on the psychological characteristics of the relationship between humans and nature, such as environmental values, attitudes, behavior, and decision-making practices. Course topics, including environmental perception, identity, personal morals, ecopsychology, wilderness psychology, domestic nature, managed nature, community dimensions, and environmental education, will be investigated in the context of promoting environmental responsibility.

Prerequisite: GES-150 (<http://catalog.neiu.edu/search/?P=GES-150>) minimum grade of C or PSYC-100 (<http://catalog.neiu.edu/search/?P=PSYC-100>) minimum grade of C or PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-370. Theories Of Learning. 3 Hours.

Psychological study of the processes of learning, problem-solving, and memory. Major historical theories of learning; demonstration of some basic research techniques.

Prerequisites: (PSYC-202 (<http://catalog.neiu.edu/search/?P=PSYC-202>) minimum grade of C or PSYC-301 (<http://catalog.neiu.edu/search/?P=PSYC-301>) minimum grade of C) and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-373. Human Perception. 3 Hours.

Study of how our perceiving and performing systems convert information from the environment and the self to action in everyday life.

Prerequisites: (PSYC-202 (<http://catalog.neiu.edu/search/?P=PSYC-202>) minimum grade of C or PSYC-301 (<http://catalog.neiu.edu/search/?P=PSYC-301>) minimum grade of C) and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-374. Laboratory, Research Methods In Psychology: Perception. 3 Hours.

Research techniques and experiments in perception, cognition and learning.

Prerequisites: PSYC-302 (<http://catalog.neiu.edu/search/?P=PSYC-302>) minimum grade of C and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C and (PSYC-373 (<http://catalog.neiu.edu/search/?P=PSYC-373>) minimum grade of C or PSYC-350 (<http://catalog.neiu.edu/search/?P=PSYC-350>) minimum grade of C or PSYC-370 (<http://catalog.neiu.edu/search/?P=PSYC-370>) minimum grade of C or PSYC-375 (<http://catalog.neiu.edu/search/?P=PSYC-375>) minimum grade of C).

PSYC-375. Cognitive Psychology. 3 Hours.

This course is an introduction to cognitive psychology, the study of human thought, information processing, and consciousness. It covers the following topics normally associated with the study of cognition: pattern recognition, learning and memory, language, reasoning, decision making, cognitive neuropsychology, and artificial intelligence.

Prerequisite: and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-376. Social Neuroscience. 3 Hours.

The purpose of this course is to gain an understanding of how the nervous system affects social relationships, and how social relationships affect the nervous system. Although the main focus is on humans, many of the studies we cover will be on non-human animals. We will focus mainly on the macro-level (i.e. parts of the brain), but some information will also be presented at the micro-level (cellular and chemical).

Prerequisites: PSYC-202 (<http://catalog.neiu.edu/search/?P=PSYC-202>) minimum grade of C and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-377. Visual Neuroscience. 3 Hours.

Visual Neuroscience is an upper level course that will examine how data based and knowledge based processing determines an individual's visual experience. To better understand the interaction between data and knowledge, students will learn about the different techniques and methodologies that are used to address research questions in visual perception. Students will explore how visual information is encoded at the early synapses in the retina and is processed as neural signals move into cortex. The effect of different conditions on human visual perception will be further examined to understand how data and knowledge interact to determine a single perceptual experience.

Prerequisites: PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C and PSYC-202 (<http://catalog.neiu.edu/search/?P=PSYC-202>) minimum grade of C.

PSYC-381. Independent Study In Psychology. 1 Hour.

Special study projects in psychology specifically and individually contracted with the instructor. Arrangements should be made in the term prior to registration.

Prerequisites: (PSYC-202 (<http://catalog.neiu.edu/search/?P=PSYC-202>) minimum grade of C or PSYC-301 (<http://catalog.neiu.edu/search/?P=PSYC-301>) minimum grade of C or PSYC-317 (<http://catalog.neiu.edu/search/?P=PSYC-317>) minimum grade of C or PSYC-317A minimum grade of C) and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-382. Independent Study In Psychology. 2 Hours.

(See PSYC-381 for description.).

Prerequisites: (PSYC-202 (<http://catalog.neiu.edu/search/?P=PSYC-202>) minimum grade of C or PSYC-301 (<http://catalog.neiu.edu/search/?P=PSYC-301>) minimum grade of C or PSYC-317 (<http://catalog.neiu.edu/search/?P=PSYC-317>) minimum grade of C or PSYC-317A minimum grade of C) and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-383. Independent Study In Psychology. 3 Hours.

(See PSYC-381 for description.).

Prerequisites: (PSYC-202 (<http://catalog.neiu.edu/search/?P=PSYC-202>) minimum grade of C or PSYC-301 (<http://catalog.neiu.edu/search/?P=PSYC-301>) minimum grade of C or PSYC-317 (<http://catalog.neiu.edu/search/?P=PSYC-317>) minimum grade of C or PSYC-317A minimum grade of C) and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-383A. Independent Study In Psychology. 3 Hours.

(See PSYC-381 for description.).

PSYC-383B. Independent Study In Psychology. 3 Hours.

(See PSYC-381 for description.).

PSYC-391. Field Experiences In Psychology I. 3 Hours.

Experiential learning in psychology-related settings (such as psychiatric hospitals and schools) integrating both academic work and on-the-job experience. Arrangements should be made in the term prior to registration.

Prerequisite: PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-392. Field Experiences In Psychology II. 3 Hours.

Advanced and specialized work. (See PSYC-391 for description). Arrangements should be made in the term prior to registration.

Prerequisite: PSYC-391 (<http://catalog.neiu.edu/search/?P=PSYC-391>) minimum grade of C.

PSYC-393. Seminar In The Teaching Of Psychology. 3 Hours.

Introduces students to the theories and methods of post-secondary teaching as relevant to the field of psychology. Students participate with faculty in active teaching activities of an undergraduate psychology course.

Prerequisite: PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-395. History Of Psychology. 3 Hours.

Psychology as a science from Wundt to present day. The course examines systems and describes and evaluates theories.

Prerequisites: PSYC-302 (<http://catalog.neiu.edu/search/?P=PSYC-302>) minimum grade of C and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-396. Senior Seminar In Psychology. 3 Hours.

Research and preparation of papers; provides for individual work by the student, and guidance through criticism by fellow students and faculty.

Prerequisites: PSYC-302 (<http://catalog.neiu.edu/search/?P=PSYC-302>) minimum grade of C and PSYC-200 (<http://catalog.neiu.edu/search/?P=PSYC-200>) minimum grade of C.

PSYC-397. Capstone: Applied Service Learning Lab. 3 Hours.

This capstone course meets the needs and interests of students wishing to seek careers in community settings. Students integrate psychology knowledge and apply it to real world situations and problems as they are immersed in hands-on, community-based learning experiences. Course activities include participation in an agency/institutional setting, reflections on these experiences, and interpretation via an academic/scholarly lens. Students work closely with both a peer-team and with members of a community organization. The capstone project requires on-site volunteer hours and the development and execution of a project specific to the site's needs and demands.

Prerequisite: PSYC-302 (<http://catalog.neiu.edu/search/?P=PSYC-302>) minimum grade of C.

PSYC-401. Gerontology: An Overview. 3 Hours.

Presents an overview of the field of gerontology. It provides an introduction to the demographic, economic and social implications of the growth in the population of older individuals.

PSYC-402. Developmental Processes In Later Life. 3 Hours.

Examines research on how individuals age psychologically throughout adulthood and into advanced old age.

Prerequisite: PSYC-401 (<http://catalog.neiu.edu/search/?P=PSYC-401>) minimum grade of C.

PSYC-403. Developmental Processes In Aging:Physiological Aspects. 3 Hours.

In order to understand the aging individual, it is important to understand the normal and pathological physical changes that occur as the person ages. This course is intended to provide students of gerontology with this basic grounding in the physiology of aging and thus is aimed at graduate students with only minimal background in biology. Using a combination of text material and journal readings, it will cover the development changes in all the major biological systems.

Prerequisite: PSYC-401 (<http://catalog.neiu.edu/search/?P=PSYC-401>) minimum grade of C.

PSYC-406. Aging And The Family. 3 Hours.

Acquaints students with the research on the inter-generational roles on the nuclear, extended and non-traditional forms of 20th century families in providing physical, emotional, and financial support to members over the life-span in a society that has increasing numbers of three, four, and five generation families.

Prerequisite: PSYC-401 (<http://catalog.neiu.edu/search/?P=PSYC-401>) minimum grade of C.

PSYC-408. Research Methods. 3 Hours.

This course introduces research methods and methodological problems encountered in theoretical and applied studies in the field of gerontology and provides guidance in preparing research or program proposals.

Prerequisite: PSYC-402 (<http://catalog.neiu.edu/search/?P=PSYC-402>) minimum grade of C.

PSYC-412. Psychopathology And Aging. 3 Hours.

Enables students to differentiate between the psychological characteristics of normal aging in later life and those associated with psychopathology. Differences between chronic mental illness and late onset psychopathology are clarified. Questions of assessment and treatment for these populations are included.

Prerequisite: PSYC-401 (<http://catalog.neiu.edu/search/?P=PSYC-401>) minimum grade of C.

PSYC-414. Psychotherapy Of The Elderly. 3 Hours.

This course assists students interested in direct service to develop an awareness of the range of psycho-therapeutic modalities that are effective with elderly clients.

Prerequisite: PSYC-401 (<http://catalog.neiu.edu/search/?P=PSYC-401>) minimum grade of C.

PSYC-415. Practicum In Gerontology. 3 Hours.

A supervised practicum, typically 120 clock hours, is required of all students who lack formal experience in working directly with the elderly. It is also recommended for students who have previously worked with this population and whose career objectives make a different type of experience in another setting desirable.

Prerequisite: PSYC-402 (<http://catalog.neiu.edu/search/?P=PSYC-402>) minimum grade of C.

PSYC-416. Internship In Gerontology. 3 Hours.

This 120 clock hour supervised field work course is required of all students. Those with no prior experience in gerontology must complete PSYC-415 before registering for this course. The internship site varies according to the interests of the student. The faculty will determine the suitability of the site.

Prerequisite: PSYC-402 (<http://catalog.neiu.edu/search/?P=PSYC-402>) minimum grade of C.

PSYC-418. Public Policy And Aging. 3 Hours.

This course will examine major health care, social, and economic policies that affect the elderly. Students will learn to assess and understand the differential impact on life style and quality of life experienced in old age by individuals of various socioeconomic classes.

Prerequisite: PSYC-401 (<http://catalog.neiu.edu/search/?P=PSYC-401>) minimum grade of C.

PSYC-420. Seminar In Proposal Writing. 3 Hours.

This seminar covers the whole process of proposal writing as it applies to either grant or thesis proposals. Student are expected to produce an acceptable proposal as part of the course.

Prerequisite: PSYC-408 (<http://catalog.neiu.edu/search/?P=PSYC-408>) minimum grade of C.

PSYC-424. Independent Study In Gerontology. 3 Hours.

This course provides an opportunity to specialize in an area of interest not sufficiently covered in either the required or elective courses offered. The plan for independent study (the specific topic, list of possible readings, and plan for a final paper) must be approved in writing by the sponsoring faculty member in the term prior to registration.

Prerequisite: PSYC-402 (<http://catalog.neiu.edu/search/?P=PSYC-402>) minimum grade of C.

PSYC-426. Values, Decision Making And The Elderly. 3 Hours.

This course sensitizes students to their own and other's social and personal values pertain to aging and the aged. It covers the ethical issues and dilemmas that arise for the elderly, their advocates, and caretakers when age is a primary factor in making difficult decisions.

Prerequisite: PSYC-401 (<http://catalog.neiu.edu/search/?P=PSYC-401>) minimum grade of C.

PSYC-428. Aging And Cultural Diversity In The U.S.. 3 Hours.

This course familiarizes students with the literature and research-in-progress on variations in the process of aging, attitudes toward aging and the aged, and assistance provided to the aged among various major ethnic groups found in the United States.

Prerequisite: PSYC-401 (<http://catalog.neiu.edu/search/?P=PSYC-401>) minimum grade of C.

PSYC-432. Meanings Of Old Age. 3 Hours.

This course explores the range of external perceptions and personal experiences of old age and old people by comparing what research scholars say about aging with the writings of older people themselves. Societal ageism and personal beliefs about aging, old age and old people are considered.

Prerequisite: PSYC-401 (<http://catalog.neiu.edu/search/?P=PSYC-401>) minimum grade of C.

PSYC-434. Aging Services Network. 3 Hours.

This course examines the wide range of services and programs fostered by the Older American Act and referred to as the "aging network." Interviews with service providers and onsite observations give students an awareness of the issues involved in designing and implementing programs for older people.

Prerequisite: PSYC-401 (<http://catalog.neiu.edu/search/?P=PSYC-401>) minimum grade of C.

PSYC-5901. Thesis Hours. 1 Hour.

This course involves guidance of students writing a master's thesis as part of the requirements for the MA. in Gerontology.

Prerequisite: PSYC-420 (<http://catalog.neiu.edu/search/?P=PSYC-420>) minimum grade of C.

PSYC-5902. Thesis Hours. 2 Hours.

See course description for PSYC-5901 (<http://catalog.neiu.edu/search/?P=PSYC-5901>).

Prerequisite: PSYC-420 (<http://catalog.neiu.edu/search/?P=PSYC-420>) minimum grade of C.

PSYC-5903. Thesis Hours. 3 Hours.

See course description for PSYC-5901 (<http://catalog.neiu.edu/search/?P=PSYC-5901>).

Prerequisite: PSYC-420 (<http://catalog.neiu.edu/search/?P=PSYC-420>) minimum grade of C.

Reading (READ)

Courses

READ-096. Developmental Reading Workshop I. 3 Hours.

(Does not count toward graduation or GPA calculation.) This course is designed to meet the needs of those students who need to improve their English reading comprehension. Active reading of English is promoted through intensive reading, vocabulary development, conversation and writing. Reading for meaning is emphasized. Understanding the importance of intercultural communications and understanding the relationship between language and culture is developed. Registration is by placement exam.

Prerequisite: Accuplacer Reading Comp 020.

READ-097. Developmental Reading Workshop II. 3 Hours.

(Does not count toward graduation or GPA calculation.) This course is designed to meet the needs of those students who have English language proficiency and need to further develop their reading comprehension. Advanced reading skills such as interpretation, inference, critical analysis, evaluation, application, author style and tone are emphasized in order to improve comprehension of more complex literary genres, including content-specific materials. Registration is by placement exam or permit.

Prerequisite: Accuplacer Reading Comp 051 or READ-115 (<http://catalog.neiu.edu/search/?P=READ-115>) minimum grade of C or READ-096 (<http://catalog.neiu.edu/search/?P=READ-096>) minimum grade of RC.

READ-115. ESL Reading Workshop I. 3 Hours.

Open only to English Language Learners (ELLs). This course is designed to guide ELLs in making the transition from academic reading in their native language to reading basic academic English. The core of the course focuses on building active reading skills through intensive reading aimed at improving English reading comprehension, vocabulary development and intercultural considerations as they apply to academic works' genre, style and organization. Registration by permit only.

READ-116. ESL Reading Workshop II. 3 Hours.

Open only to English Language Learners (ELLs). This course is designed to continue building advanced English language reading proficiency through intensive instruction in interpretation, inference, critical analysis, evaluation, application, author style and tone, and technical and literary terminology across more complex literary genres and content-specific materials. Registration by permit only.

READ-117. Vocabulary Enrichment. 3 Hours.

Designed to meet the needs of students who wish to enhance their vocabulary to promote success in reading college text and work-related materials. Strategies for coping with unfamiliar words in text are emphasized. Registration by permit only.

Recreation Management (RECR)

Courses

RECR-201. Principles And Practices Of Recreation And Leisure. 3 Hours.

Development of the recreation movement relative to leisure time. Emphasis on the principles and practices relative to a recreation and leisure program.

RECR-202. Camping And Outdoor Recreation. 3 Hours.

Present status, purposes and organization administration of outdoor recreation programs for public, voluntary and commercial agencies. Organization and administration of camps; program planning and staffing; health and safety.

RECR-203. History And Philosophy Of Leisure. 3 Hours.

RECR-204. Leisure, Culture And Society. 3 Hours.

The relationship of social structure to leisure; the impact of leisure on values; recreation as a social and socializing leisure activity. Comparative studies of leisure, leisure values and leisure activities in different culture and sub-cultures.

RECR-205. Introduction To Travel And Tourism. 3 Hours.

RECR-206. Commercial Recreation. 3 Hours.

RECR-302. Leisure Economics. 3 Hours.

Leisure phenomena and the work ethic; the impact of leisure on the economy; the economic significance of discretionary time, discretionary income and discretionary values.

RECR-303. Recreation And Leisure Facilities. 3 Hours.

RECR-304. Organization And Administration Of Leisure Programs. 3 Hours.

An examination of the organization and administration of recreation and leisure programs in public and private agencies. Included will be an emphasis on personnel, programs, evaluation, finance and liability.

RECR-305. Commercial Recreation Attractions And Facilities. 3 Hours.

RECR-306. Development Of The Recreation Resource. 3 Hours.

RECR-320. Leisure Studies Internship And Seminar. 12 Hours.

Russian (RUSS)

Secondary Education (SCED)

Courses

SCED-301. Writing Intensive Program:Methods Of Teaching On The Secondary Level. 3 Hours.

This course prepares students to become professional secondary educators by examining theories and methods of effective teaching, including: selecting, organizing, and using materials and methods common to varied subject areas in the secondary schools to meet individual student needs, including the needs of exceptional children; developing and writing of lesson plans and unit plans; facilitating class discussion; and managing discipline.

Prerequisites: EDFN-305 (<http://catalog.neiu.edu/search/?P=EDFN-305>) minimum grade of C and EDFN-306 (<http://catalog.neiu.edu/search/?P=EDFN-306>) minimum grade of C and College of Education Admission YES and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

SCED-303A. Contemporary Art Education In The Secondary School. 3 Hours.

Designed to develop inquiry and understanding of many problems of communicating or teaching art in the secondary school. Emphasis on planning and methodology to meet individual student needs, including needs of exceptional students. To be taken before student teaching in the Spring semester.

Prerequisite: College of Education Admission YES.

Corequisite: SCED-304A (<http://catalog.neiu.edu/search/?P=SCED-304A>).

SCED-303E. Methods Of Teaching English In The Secondary School. 3 Hours.

Introduction to the methods, techniques and materials for teaching English in secondary school. Emphasis on planning and methodology to meet individual student needs, including needs of exceptional students. To be taken with SCED-304E (<http://catalog.neiu.edu/search/?P=SCED-304E>).

Prerequisites: SCED-301 (<http://catalog.neiu.edu/search/?P=SCED-301>) minimum grade of C and College of Education Admission YES.

SCED-303F. Teaching Modern Foreign Languages In The Secondary School. 3 Hours.

Introduction to the methods, techniques and materials for teaching foreign languages in the secondary school. Emphasis in on mastery of selected skills on a performance basis and meeting individual student needs. Prior to taking methods in foreign language (SCED-303F (<http://catalog.neiu.edu/search/?P=SCED-303F>)), students must score an "Advanced Low" or higher rating on the Oral Proficiency Interview (OPI).

Prerequisite: College of Education Admission YES.

Corequisite: SCED-304F (<http://catalog.neiu.edu/search/?P=SCED-304F>).

SCED-303H. Methods Of Teaching History In The Secondary School. 3 Hours.

Demonstration of specific organizational patterns and teaching methods in history, teaching for critical thinking and trends in the teaching of history.

Emphasis on planning and methodology to meet individual student needs, including needs of exceptional students. To be taken with SCED-304H (<http://catalog.neiu.edu/search/?P=SCED-304H>).

Prerequisites: SCED-301 (<http://catalog.neiu.edu/search/?P=SCED-301>) minimum grade of C and College of Education Admission YES.

SCED-303I. Methods And Techniques Of Teaching Music In Secondary School:Instrumental. 3 Hours.

Methods and materials utilized in teaching and organizing music classes and performing groups in the secondary schools; major emphasis upon general music classes, music rehearsal, and performance problems in vocal music.

Prerequisites: MUS-391 (<http://catalog.neiu.edu/search/?P=MUS-391>) minimum grade of C and SCED-311 (<http://catalog.neiu.edu/search/?P=SCED-311>) minimum grade of C and College of Education Admission YES.

SCED-303J. Methods Of Teaching Middle And Junior High Mathematics. 3 Hours.

Prerequisite: College of Education Admission YES.

SCED-303M. Methods Of Teaching Mathematics In The Secondary School. 3 Hours.

Strategies for teaching concepts, principles and mathematical skills. Emphasis on problem solving, proof and planning and methodology to meet individual student needs, including needs of exceptional students. To be taken with SCED-304M (<http://catalog.neiu.edu/search/?P=SCED-304M>).

Prerequisites: SCED-301 (<http://catalog.neiu.edu/search/?P=SCED-301>) minimum grade of C and College of Education Admission YES.

Corequisite: SCED-304M (<http://catalog.neiu.edu/search/?P=SCED-304M>).

SCED-303R. Materials And Methods For Teaching High School Science. 4 Hours.

Interpretation of the content and structure of those areas of natural sciences generally included in secondary school curricula; recent developments in curriculum organization and teaching materials; methods of teaching in the classroom and laboratory, including team teaching and other individualized guided study programs. Emphasis on planning and methodology to meet individual student needs, including needs of exceptional students. Offered during Fall term only.

Prerequisites: SCED-301 (<http://catalog.neiu.edu/search/?P=SCED-301>) minimum grade of C and College of Education Admission YES.

Corequisite: SCED-304B (<http://catalog.neiu.edu/search/?P=SCED-304B>).

SCED-303V. Methods And Techniques Of Teaching Music In Secondary Schools:Vocal. 3 Hours.

Methods and materials utilized in teaching and organizing music classes and performing groups in the secondary school; major emphasis upon general music classes, music rehearsal and performance problems in instrumental music.

Prerequisites: MUS-391 (<http://catalog.neiu.edu/search/?P=MUS-391>) minimum grade of C and SCED-311 (<http://catalog.neiu.edu/search/?P=SCED-311>) minimum grade of C and College of Education Admission YES.

SCED-304A. Clinical Experiences In The Secondary School:Art. 1 Hour.

A supervised clinical experience designed with less emphasis on observational experiences and more on direct involvement in the instructional process. Requires experience with broad range of students, including exceptional students. To be taken with the academic methods course, SCED-303A (<http://catalog.neiu.edu/search/?P=SCED-303A>).

Prerequisite: College of Education Admission YES.

Corequisite: SCED-303A (<http://catalog.neiu.edu/search/?P=SCED-303A>).

SCED-304B. Clinical Experiences In The Secondary School:Biography. 1 Hour.

A supervised clinical experience designed with less emphasis on observational experiences and more on direct involvement in the instructional process. Requires experience with a broad range of students, including exceptional students. To be taken with the academic methods course SCED-303R (<http://catalog.neiu.edu/search/?P=SCED-303R>).

Prerequisite: College of Education Admission YES.

Corequisite: SCED-303B.

SCED-304E. Clinical Experiences In The Secondary School:English. 1 Hour.

A supervised clinical experience designed with less emphasis on observational experiences and more on direct involvement in the instructional process. Requires experience with a broad range of students, including exceptional students. To be taken with the academic methods course, SCED-303E (<http://catalog.neiu.edu/search/?P=SCED-303E>).

Prerequisite: College of Education Admission YES.

Corequisite: SCED-303E (<http://catalog.neiu.edu/search/?P=SCED-303E>).

SCED-304F. Clinical Experiences In The Secondary School:French. 3 Hours.

Score of Advanced Low or higher on OPI.

Prerequisite: College of Education Admission YES.

Corequisite: SCED-303F (<http://catalog.neiu.edu/search/?P=SCED-303F>).

SCED-304H. Clinical Experiences In The Secondary School:History. 1 Hour.

A supervised clinical experience designed with less emphasis on observational experiences and more on direct involvement in the instructional process. Requires experience with a broad range of students, including exceptional students. To be taken with the academic methods course, SCED-303H (<http://catalog.neiu.edu/search/?P=SCED-303H>).

Prerequisite: College of Education Admission YES.

Corequisite: SCED-303H (<http://catalog.neiu.edu/search/?P=SCED-303H>).

SCED-304J. Foreign Language Clinical Experience In The Secondary School. 3 Hours.

Supervised direct involvement in the instructional process for students taking the academic major methods course; four hours of direct involvement in the instructional process; four hours of clinical experience per week. Prior to taking clinical experience (SCED-304J (<http://catalog.neiu.edu/search/?P=SCED-304J>)), students must score an "Advanced Low" or higher rating on the Oral Proficiency Interview (OPI).

Corequisite: SCED-303F (<http://catalog.neiu.edu/search/?P=SCED-303F>).

SCED-304M. Clinical Experiences In The Secondary School:Mathematics. 1 Hour.

A supervised clinical experience designed with less emphasis on observational experiences and more on direct involvement in the instructional process. Requires experience with a broad range of students, including exceptional students. To be taken with the academic methods course, SCED-303M (<http://catalog.neiu.edu/search/?P=SCED-303M>).

Prerequisite: College of Education Admission YES.

Corequisite: SCED-303M (<http://catalog.neiu.edu/search/?P=SCED-303M>).

SCED-305A. Secondary Student Teaching And Seminar In Art. 9 Hours.

Sixteen weeks of full-day student teaching providing practical teaching experience in one or more levels of secondary school art. Supervised by secondary school personnel and a university supervisor, who conducts a weekly two-hour seminar associated with student teaching. Requires experience with a broad range of students, including exceptional students. To be taken during Spring semester.

Prerequisites: SCED-301 (<http://catalog.neiu.edu/search/?P=SCED-301>) minimum grade of C and SCED-303A (<http://catalog.neiu.edu/search/?P=SCED-303A>) minimum grade of C and Illinois Content Area Test PASS.

SCED-305B. Secondary Student Teaching And Seminar In Biology. 9 Hours.

Sixteen weeks of full-day student teaching providing practical teaching experience in one or more levels of secondary school biology. Supervised by secondary school personnel and a university supervisor, who conducts a weekly two-hour seminar associated with student teaching. Requires experience with a broad range of students, including exceptional students.

Prerequisites: SCED-301 (<http://catalog.neiu.edu/search/?P=SCED-301>) minimum grade of B and Illinois Content Area Test PASS.

SCED-305E. Secondary Student Teaching And Seminar In English. 9 Hours.

Sixteen weeks of full-day student teaching providing practical teaching experience in one or more levels of secondary school English. Supervised by secondary school personnel and a university superior who also conducts a weekly two-hour seminar associated with student teaching. Requires experience with a broad range of students, including exceptional students.

Prerequisites: Illinois Content Area Test PASS and College of Education Admission YES.

SCED-305F. Secondary Student Teaching And Seminar In French. 9 Hours.

Sixteen weeks of full-day student teaching providing practical teaching experience in secondary school foreign language. Supervised by secondary school personnel and a university supervisor, who conducts a weekly seminar associated with student teaching. Requires experience with a broad range of students, including those with exceptionalities.

Prerequisites: SCED-303F (<http://catalog.neiu.edu/search/?P=SCED-303F>) minimum grade of B and SCED-304J (<http://catalog.neiu.edu/search/?P=SCED-304J>) minimum grade of C and Illinois Content Area Test PASS.

SCED-305H. Secondary Student Teaching And Seminar In History. 9 Hours.

Sixteen weeks of full-day student teaching providing practical teaching experience in one or more levels of secondary school history. Supervised by secondary school personnel and a university supervisor who also conducts a weekly two-hour seminar associated with student teaching. Requires experience with a broad range of students, including exceptional students.

Prerequisites: Illinois Content Area Test PASS and College of Education Admission YES.

SCED-305J. Secondary Student Teaching And Seminar In Spanish. 9 Hours.

Sixteen weeks of full-day student teaching providing practical teaching experience in secondary school foreign language. Supervised by secondary school personnel and a university superior, who conducts a weekly two-hour seminar associated with student teaching. Requires experience with a broad range of students, including exceptional students.

Prerequisites: Illinois Content Area Test PASS and SCED-304J (<http://catalog.neiu.edu/search/?P=SCED-304J>) minimum grade of C.

SCED-305K. Secondary Student Teaching And Seminar - Health Education. 9 Hours.

Sixteen weeks of full-day student teaching providing practical teaching experience in secondary school health education. Supervised by secondary school personnel and a university supervisor, who conducts a weekly seminar associated with student teaching. Requires experience with a broad range of students, including those with exceptionalities.

Prerequisites: SCED-301 (<http://catalog.neiu.edu/search/?P=SCED-301>) minimum grade of C and HLED-304 minimum grade of C and HLED-305 (<http://catalog.neiu.edu/search/?P=HLED-305>) minimum grade of C and HLED-302 minimum grade of C.

SCED-305M. Secondary Student Teaching And Seminar In Mathematics. 9 Hours.

Sixteen weeks of full-day student teaching providing practical teaching experience in one or more levels of secondary school mathematics. Supervised by secondary school personnel and a university supervisor who also conducts a weekly two-hour seminar associated with student teaching. Requires experience with a broad range of students, including exceptional students.

Prerequisites: SCED-301 (<http://catalog.neiu.edu/search/?P=SCED-301>) minimum grade of C and Illinois Content Area Test PASS and College of Education Admission YES.

SCED-305N. Secondary Student Teaching And Seminar In Music. 9 Hours.

Sixteen weeks of full-day student teaching providing practical teaching experience in K-12 school music. Supervised by K-12 school personnel and a university supervisor, who conducts a weekly two-hour seminar associated with student teaching. Requires experience with a broad range of students, including exceptional students.

Prerequisites: SCED-301 (<http://catalog.neiu.edu/search/?P=SCED-301>) minimum grade of C and SCED-303I (<http://catalog.neiu.edu/search/?P=SCED-303I>) minimum grade of C and SCED-303V (<http://catalog.neiu.edu/search/?P=SCED-303V>) minimum grade of C and SCED-311 (<http://catalog.neiu.edu/search/?P=SCED-311>) minimum grade of C and Illinois Content Area Test PASS.

SCED-305P. Secondary Student Teaching And Seminar In Physical Education. 9 Hours.

Participation in directing learning experiences in secondary physical education at several levels under the supervision of one or more regularly assigned secondary teachers; observation of experienced teachers; familiarization with the daily program of the secondary school; weekly two-hour seminar and critique. Requires experience with a broad range of students, including exceptional students. (full-day, Spring term).

Prerequisites: SCED-301 (<http://catalog.neiu.edu/search/?P=SCED-301>) minimum grade of C and PEMA-344 minimum grade of C and Illinois Content Area Test PASS.

SCED-311. Writing Intensive Program: School Curriculum. 3 Hours.

Designed for students in Physical Education, Health, Music, Visual Arts, World Languages, and Special Education, this course prepares students to develop and implement curriculum. Focal topics include objectives, unit planning, lesson planning, classroom management, higher order thinking, interdisciplinary collaboration, developmental considerations, and assessment techniques. Specific emphases include strategies for differentiating effectively to meet the needs of academically, culturally, and experientially diverse learners in mainstream classrooms.

Prerequisites: EDFN-305 (<http://catalog.neiu.edu/search/?P=EDFN-305>) minimum grade of C and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C and EDFN-306 (<http://catalog.neiu.edu/search/?P=EDFN-306>) minimum grade of C and EDFN-307 (<http://catalog.neiu.edu/search/?P=EDFN-307>) minimum grade of C and College of Education Admission YES.

SCED-315. Teaching Writing In Junior And Senior High School. 3 Hours.

This course covers the teaching of writing in the intermediate and upper grades. Mini-lesson design and placement, methods and strategies for teaching sentence completeness, for teaching sentence structure, and for punctuation and capitalization are covered. In addition, students will learn methodology that will be useful and effective with writing genres (e.g. expository, descriptive) and the research paper. The assessment of writing (e.g. rubrics, conferencing, portfolios) approaches for language-and-dialect different learners, and uses of technology in writing instruction. Finally, program issues are approached: the development of writer's workshop, and writing across the curriculum.

Prerequisite: College of Education Admission YES.

SCED-401E. New Directions In Teaching English In The Junior And Senior High School. 3 Hours.

Designed for the in-service teacher of middle-secondary school English; study and discussion of new perspectives for the school English program growing out of the reform effort of the past decade.

SCED-401L. New Directions In The Teaching Of English In The Junior & Senior High School With Clinical Experienc. 3 Hours.

This course is designed for preservice teachers of middle school-secondary English-Language Arts. Study and discussion will focus on an exploration of recent trends and innovations in teaching the composition process and its relationship to reading, thinking, speaking and listening. Participants will review and critique recent research and curricula. Students will complete a minimum of 50 clock hours of field experience in a middle school-secondary school setting. Emphasis of the clinical experience will be on assuming a range of classroom responsibilities.

SCED-401M. New Directions In Teaching Mathematics In The Junior And Senior High School. 3 Hours.

Designed to focus on teaching strategies for the development of mathematical concepts, principles, and skills that are suggested in the current literature. The applicability of these strategies to the class participant's particular school and classroom will be emphasized. Participants will also select areas of specific interest for personal study, e.g. teaching mathematics to the exceptional student.

SCED-407A. Teaching Multicultural Young Adult Literature In The Secondary School With Clinical Experience. 3 Hours.

This course for pre-service secondary English teachers will emphasize curricular design and instructional techniques for selecting and using multicultural young adult (YA) literature in a well-rounded English Language Arts curriculum. Students will read and analyze a wide range of award-winning multicultural YA fiction, non-fiction, and poetry and will develop curriculum for middle and high school students, using YA and canonical multicultural literature. Students will also complete a concurrent, supervised clinical experience of at least 50 clock hours in a secondary English classroom. Prerequisites: Full admission into the MAT: Language Arts--Secondary Program. Apply to CEST Office for placement at least one year in advance.

SCED-407B. Teaching Multicultural Literature In Middle And Secondary Schools Without Clinical Experience. 3 Hours.

Designed for middle school and secondary school teachers who have limited knowledge and experience in teaching ethnic minority literature. The course will emphasize curriculum design, teaching techniques and the assessment of appropriate instructional resources. The ultimate purpose of the course is to enable teachers to integrate effectively the multi-ethnic literary experience into traditional literature programs.

SCED-408. The Nature Of Mathematical Abilities In School Children. 3 Hours.

An exploration of mathematical learning by all students (K-12), with emphasis on the processes used by exceptional students. The differences that are shown by these students when doing mathematics will be examined, and with this information the class will focus on teaching practices that are most appropriate to these student's needs.

SCED-409. Teaching Mathematical Problem Solving In The Secondary Schools. 3 Hours.

An examination of the logical understanding of mathematical problem solving with emphasis on improving competence in teaching problem solving to secondary students; includes theoretical study, preparation of materials, and observations and demonstrations in the teaching of problem solving.

SCED-410. Computers In The Teaching Of Secondary School Mathematics. 3 Hours.

A computer application course, using BASIC, designed for teachers of secondary school mathematics. Examples from algebra, geometry, trigonometry, number theory, and probability and statistics will serve as the basis for programming activities. Strategies for effectively using the computer and computer software in the teaching of mathematics will be discussed.

SCED-421L. Research In Classroom Teaching Of Language Arts. 3 Hours.

Designed to acquaint the student with research in contemporary trends in teaching the language arts, including reading; critical appraisal and discussion of classical and current studies in language arts will provide specific suggestions useful in classroom practice; an overview of the entire area, as well as opportunity for individual study in-depth for a specific area related to the student's need and interest; in-service teachers may become involved in action research.

SCED-429. Internship In Secondary Education. 6 Hours.

Internship will provide practical field experience under joint supervision of University and public school personnel. Students will refine and extend their theoretical understanding by applying it to instructional settings. Principles, attitudes, and techniques related to successful teaching careers will be explored. This course is the culminating experience for graduate students within the secondary education MAT sequence.

Social Work (SWK)

Courses

SWK-109. First Year Experience: Search For Meaning Of Life. 3 Hours.

The social work profession seeks to help people live happily and productively with joy and purpose and meaning. Social work values diversity including what the oldest wisdom traditions teach us about the meaning of life. In this course, we will visit sacred places in Chicago to experience the teachings and practices of six wisdom traditions- Christian, Jewish, Islam, Buddhist, Hindu and Native American - to learn what they can tell us about living joyfully and purposefully.

SWK-200. Introduction To Social Work. 3 Hours.

Overview of the social work field, its philosophical basis, historical development and future growth; introduction to the concept of generalist practice.

SWK-202. Community Analysis. 3 Hours.

Methods of conducting research on local communities and racial/ethnic backgrounds. Role of culture in human behavior and how one's culture interfaces with other cultures. This is a values and knowledge elective course.

Prerequisite: SWK-200 (<http://catalog.neiu.edu/search/?P=SWK-200>) minimum grade of C.

SWK-203. Analysis Of Cross Culture Interaction. 3 Hours.

This is a pre-practice elective. Development of sensitivity when interacting with persons of diverse racial- ethnic backgrounds. Role of culture in human behavior and how one's culture interfaces with other cultures.

SWK-206. Human Behavior And The Social Environment I. 3 Hours.

SWK-207. Social Welfare Policy I. 3 Hours.

Convers content on the history of social welfare, current social welfare programs and the societal values that underline these provisions.

SWK-208. Human Sexuality And Social Work. 3 Hours.

Knowledge of sexuality as it is expressed in a variety of lifestyles and the application of social work values and ethics when working with sensitive issues in sexuality. This is a values and knowledge elective course.

SWK-250. Issues In Social Service Delivery. 3 Hours.

Covers major problems and issues in the field of social work. Topics vary. This is a values and knowledge elective course.

SWK-301. Social Work And The Law. 3 Hours.

This course will introduce and provide a basic understanding to the social work student of the law, legal processes, and legal systems as they relate to social work fields' of practice. This course will challenge students to consider and begin to understand how the fields of social work and law intersect. They will develop an understanding of how the practice of social work is continually influenced and, often time regulated, by legislative and judicial decisions. The student will begin to explore how to advocate within the legal system on behalf of the populations that they serve. This is a values and knowledge elective course.

Prerequisite: SWK-200 (<http://catalog.neiu.edu/search/?P=SWK-200>) minimum grade of C.

SWK-302. Social Work Practice In Community Settings. 3 Hours.

SWK-303. Writing Intensive Program: Human Behavior And The Social Environment I. 3 Hours.

A first course of a two-part sequence designed to develop understanding about human behavior and the social environment. Students will enhance their critical thinking skills by focusing on analyzing how people understand themselves, how people create meaning in their lives, how people change, and how your own perspective influences understanding client-systems. The generalist practice model is used to understand the central principles of empowerment: client capacity, resiliency, opportunities, context, constitution and construction. As a writing intensive course students develop the fundamentals of professional writing skills for the social work field.

Prerequisites: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) and PSYC-100 (<http://catalog.neiu.edu/search/?P=PSYC-100>) and PSYC-110 (<http://catalog.neiu.edu/search/?P=PSYC-110>) and ANTH-212 (<http://catalog.neiu.edu/search/?P=ANTH-212>) and BIO-100 (<http://catalog.neiu.edu/search/?P=BIO-100>) and MATH-103 - 499 and SWK-200 (<http://catalog.neiu.edu/search/?P=SWK-200>) and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) - 102.

SWK-304. Social Work Practice I. 3 Hours.

A first course in a two-part sequence designed to provide the student with a foundation in generalist social work practice i.e. knowledge, values and skills. The central premise is that generalist practice is about client empowerment through collaborative work with clients. This involves empowerment of clients through preparation for first contact, learning how to dialogue across client systems, learning how to define directions with the client and collaborating about the client needs and resources. Bridging knowledge from HUBSE I is done through practical application.

Prerequisites: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) and PSYC-100 (<http://catalog.neiu.edu/search/?P=PSYC-100>) and PSYC-110 (<http://catalog.neiu.edu/search/?P=PSYC-110>) and ANTH-212 (<http://catalog.neiu.edu/search/?P=ANTH-212>) and BIO-100 (<http://catalog.neiu.edu/search/?P=BIO-100>) and MATH-103 - 499 and SWK-200 (<http://catalog.neiu.edu/search/?P=SWK-200>) and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) - 102.

Corequisite: SWK-303 (<http://catalog.neiu.edu/search/?P=SWK-303>).

SWK-305. Social Work Practice II. 3 Hours.

The second course of a two-semester practice foundation. Course content will focus on the social work processes of goal setting, application of models for action, and integrating gains in the generalist method of practice. The social worker's role and activities will be examined in light of the values and ethics of the profession, which includes conducting oneself as an ethnically sensitive worker with diverse client systems in the urban environment.

Prerequisite: SWK-304 (<http://catalog.neiu.edu/search/?P=SWK-304>) minimum grade of C.

SWK-306. Human Behavior In The Social Environment II. 3 Hours.

This is the second course in the Human Behavior and Social Environment foundation area. It is designed to examine the dynamic interplay between the individual's development and the functioning of groups, families, organizations and communities and builds on the objectives of SWK-300 HUBSE I. Each unit integrates the student's knowledge about the generalist model, the concepts assumptions within, understanding of the concept of self, the value of honoring diversity and the commitment to social and economic justice.

Prerequisite: SWK-303 (<http://catalog.neiu.edu/search/?P=SWK-303>) minimum grade of C or SWK-206 (<http://catalog.neiu.edu/search/?P=SWK-206>) minimum grade of C.

Corequisite: SWK-305 (<http://catalog.neiu.edu/search/?P=SWK-305>).

SWK-307. Services To Children & Adolescents. 3 Hours.

This course focuses on multiculturally competent social work practice with children and adolescents living in diverse family arrangements. The continuum of services and resources available to children and adolescents and the roles and functions of the social worker in these settings are examined. Economic, social, and psychological concerns of vulnerable children are identified, and intervention strategies that will effectively meet these needs will be addressed. Students are presented with specialized knowledge and skills essential for working with children and adolescents will be examined. Issues will include child abuse, neglect and child sexual abuse. This is a values and knowledge elective course.

Prerequisites: SWK-200 (<http://catalog.neiu.edu/search/?P=SWK-200>) minimum grade of C and SWK-207 (<http://catalog.neiu.edu/search/?P=SWK-207>) minimum grade of C.

SWK-308. Social Work Practice With Immigrants & Refugees. 3 Hours.

Professional social work in the United States began in the late 19th century largely as a response to what was then the largest wave of immigration to this country. Jane Addams's Hull House settlement house served many of Chicago's newly arrived European migrants helping them adjust to life in their new home. Today, we are in the midst of another great wave of migrants; 12% of the U.S. population is foreign-born, representing over 35 million individuals. This group of immigrants are much more diverse racially, ethnically, and socio-economically than ever before. This diversity presents a unique set of challenges for policymakers and practitioners trying to facilitate their adaptation to the US. This course is thus designed to help students planning to work with foreign-born populations (and their offspring) gain the knowledge and skills necessary to address their needs. This is a values and knowledge elective course.

Prerequisites: SWK-200 (<http://catalog.neiu.edu/search/?P=SWK-200>) minimum grade of C and SWK-207 (<http://catalog.neiu.edu/search/?P=SWK-207>) minimum grade of C.

SWK-309. Research And Quantitative Applications In Social Work. 3 Hours.

Content on basic and applied research concepts and methodology; assessment of empirical research published in professional social work literature; interpretation of statistical analyses.

Prerequisites: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) and PSYC-100 (<http://catalog.neiu.edu/search/?P=PSYC-100>) and PSYC-110 (<http://catalog.neiu.edu/search/?P=PSYC-110>) and ANTH-212 (<http://catalog.neiu.edu/search/?P=ANTH-212>) and BIO-100 (<http://catalog.neiu.edu/search/?P=BIO-100>) and MATH-103 - 499 and SWK-200 (<http://catalog.neiu.edu/search/?P=SWK-200>) and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) - 102.

SWK-310. Research Practicum In Social Work I. 3 Hours.

This course is designed to prepare students to conduct qualitative research in their field practicum agency. At the completion of the course each student will begin a detailed proposal for research that will be completed in the subsequent term. The course will cover the various approaches to qualitative research e.g. ethnographic theory, narrative and the case study. Special attention will be given to problem formulation, literature review, and data collection techniques.

Prerequisite: SWK-309 (<http://catalog.neiu.edu/search/?P=SWK-309>) minimum grade of C.

Corequisites: SWK-355 (<http://catalog.neiu.edu/search/?P=SWK-355>), SWK-353 (<http://catalog.neiu.edu/search/?P=SWK-353>).

SWK-311. Research Practicum In Social Work II. 3 Hours.

The focus of this course is the continuation of the research proposal begun in SWK-310 (<http://catalog.neiu.edu/search/?P=SWK-310>)- Research Seminar I, which includes procedures, research design, data analysis, interpreting and coding data and evaluation. Attention will be given to ethical considerations and considerations of race, gender, culture and sexual orientation.

Prerequisite: SWK-310 (<http://catalog.neiu.edu/search/?P=SWK-310>) minimum grade of C.

Corequisite: SWK-356 (<http://catalog.neiu.edu/search/?P=SWK-356>).

SWK-312. Women And Social Work. 3 Hours.

Women and Social Work is an elective course focusing on women's issues in social work, both for women as social work practitioners and for women as clients/ participants in social service delivery systems. The course will cover aspects of feminist thought, non-sexist therapy, feminist therapy, sexist biases in research, feminist research in social work and social welfare policies and practice which have an impact on women. This is a values and knowledge elective course.

SWK-313. Child Advocacy Studies: Assessment And Evaluation. 3 Hours.

This course provides a survey of the emerging field of Child Advocacy Studies, which researches and seeks remedies for the maltreatment of children and youth, including specific acts of violence and neglect, in the context of the pernicious effects of racism, poverty, sexism, and heterosexism, including the unique problems faced by immigrant and displaced children. The course examines the various economic, political, social and cultural circumstances that may contribute to the abuse and maltreatment of children and youth. It also teaches students about the strategies and tactics used by various local governmental and nongovernmental agencies, courts and medical establishments to address these problems. This is an elective class for Social Work majors and minors, and one of the required courses in the sequence for a Child Advocacy Studies minor.

SWK-314. Social Work Advocacy. 3 Hours.

This course is designed to enhance students' understanding of social work advocacy. It is an elective course and is geared to develop an awareness about social work advocacy and its role in: organizational change, political campaigns and lobbying. This is a values and knowledge elective course.

SWK-320. Domestic Violence Social Work: Theory And Practice. 3 Hours.

This course will explore the theory and research on the causes of abuse, including individual and family factors, intergenerational aspects, gender issues, community and societal influences, as well as cultural factors. Strategies and treatment for alleviating family violence will be explored, including systems which are currently in place and other societal systems of response to this social problem. This is a skills elective course.

Prerequisites: SWK-200 (<http://catalog.neiu.edu/search/?P=SWK-200>) minimum grade of C and SWK-207 (<http://catalog.neiu.edu/search/?P=SWK-207>) minimum grade of C.

SWK-321. Social Work Practice In Schools. 3 Hours.

This elective course will present essential knowledge and skills for engaging in effective generalist social work practice with youth and families in public elementary, middle, and high schools. It will focus on four key domains of social work practice in school settings: 1) culturally competent practice, 2) social emotional learning, 3) positive youth development, and 4) community collaboration. Drawing upon a comprehensive community schools framework, students in this course will be exposed to the current research, critical issues, and essential practice skills relevant to generalist social work practice in schools.

Prerequisites: SWK-200 (<http://catalog.neiu.edu/search/?P=SWK-200>) minimum grade of C and SWK-207 (<http://catalog.neiu.edu/search/?P=SWK-207>) minimum grade of C and SWK-303 (<http://catalog.neiu.edu/search/?P=SWK-303>) minimum grade of C and SWK-304 (<http://catalog.neiu.edu/search/?P=SWK-304>) minimum grade of C.

SWK-322. Writing Intensive Program: International Social Work. 3 Hours.

This course is intended to provide students with an understanding of social policy issues and programs in other countries. Examination of the political, economic, and social conditions that either enhance or impinge upon the wellbeing of people and policy development will be explored. Students will utilize critical thinking skills to deepen their understanding of international social work issues. Students will be able to understand how cultural values and beliefs are translated into policies and enacted through programs. This is a skills elective course.

Prerequisites: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C and SWK-303 (<http://catalog.neiu.edu/search/?P=SWK-303>) minimum grade of C and SWK-304 (<http://catalog.neiu.edu/search/?P=SWK-304>) minimum grade of C.

SWK-323. Social Work With Immigrants & Refugees. 3 Hours.

This course is designed to help students planning to work with immigrant and refugee populations gain the knowledge and skills necessary to address their needs. This course connects the social work profession's values of diversity, social justice, and social change to social policy and direct practice with the foreign-born. This is a skills elective course.

Prerequisites: SWK-200 (<http://catalog.neiu.edu/search/?P=SWK-200>) minimum grade of D and SWK-207 (<http://catalog.neiu.edu/search/?P=SWK-207>) minimum grade of D.

SWK-324. Social Work With Latino Communities. 3 Hours.

This course is designed to help students gain the knowledge and skills necessary to address the needs of the Latino community. This course will use applied learning and participatory action research methods to connect the social work profession's values of diversity, social justice, and social change to positively affect the development of local Latino communities. This is a skills elective course.

Prerequisites: SWK-303 (<http://catalog.neiu.edu/search/?P=SWK-303>) minimum grade of C and SWK-304 (<http://catalog.neiu.edu/search/?P=SWK-304>) minimum grade of C.

SWK-325. Elective Practicum In Social Work. 3 Hours.

This is a post-practice elective course. Internship in social service agency in which students are exposed to various experiences. Open to SWK majors only. This is a skills elective course.

SWK-326. Independent Study In Social Work. 3 Hours.**SWK-327. Social Work Practice With Families. 3 Hours.**

This is a post-practice elective course. Overview of the field of family therapy; various approaches, differences in their underlying theoretical assumptions and their application in social work, family assessments and interventions. This is a skills elective course.

SWK-328. Social Work With Groups. 3 Hours.

This is a post-practice elective course, majors only. The purpose of this course is to emphasize concepts, methods and issues in social group work practice beyond what has been learned in SWK Practice I II. The focus will be on group work theory and practice as it applies to different practice settings and different populations. Emphasis will be placed on the social worker's developing self-awareness, ethical competence and practice skills in working with groups. This is a skills elective course.

Prerequisites: SWK-304 (<http://catalog.neiu.edu/search/?P=SWK-304>) minimum grade of C and SWK-303 (<http://catalog.neiu.edu/search/?P=SWK-303>) minimum grade of C and SWK-207 (<http://catalog.neiu.edu/search/?P=SWK-207>) minimum grade of C and SWK-200 (<http://catalog.neiu.edu/search/?P=SWK-200>) minimum grade of C.

SWK-329. Administration And Planning In Social Work. 3 Hours.

This is a post-practice elective course, majors only. It is designed to expose the beginning level practitioner to administrative and planning functions with emphasis on how these impact the direct service practitioner. This is a skills elective course.

SWK-330. Social Work Practice In Community Settings. 3 Hours.

This is a post-practice elective course. Structure and functions of communities and models of community organizing; development of community organizing skills. This is a skills elective course.

SWK-353. Field Seminar I. 3 Hours.

Taken concurrently with SWK-355 (<http://catalog.neiu.edu/search/?P=SWK-355>). Integration of knowledge, values and skills with experience in the field practicum.

Prerequisites: SWK-305 (<http://catalog.neiu.edu/search/?P=SWK-305>) minimum grade of C and NEIU Engl Comp Reading PASS and NEIU Engl Comp Writing PASS.

Corequisites: SWK-355 (<http://catalog.neiu.edu/search/?P=SWK-355>), SWK-310 (<http://catalog.neiu.edu/search/?P=SWK-310>).

SWK-354. Field Seminar II. 3 Hours.

Taken concurrently with SWK-356 (<http://catalog.neiu.edu/search/?P=SWK-356>). Continuation of SWK-353 (<http://catalog.neiu.edu/search/?P=SWK-353>).

Prerequisites: SWK-310 (<http://catalog.neiu.edu/search/?P=SWK-310>) minimum grade of C and SWK-353 (<http://catalog.neiu.edu/search/?P=SWK-353>) minimum grade of C and SWK-355 (<http://catalog.neiu.edu/search/?P=SWK-355>) minimum grade of C.

Corequisites: SWK-356 (<http://catalog.neiu.edu/search/?P=SWK-356>), SWK-311 (<http://catalog.neiu.edu/search/?P=SWK-311>).

SWK-355. Field Practicum I. 3 Hours.

Taken concurrently with SWK-353 (<http://catalog.neiu.edu/search/?P=SWK-353>). Beginning field experience; students are placed in a social work agency providing the opportunity to develop, test and reinforce social work knowledge, values and skills.

Prerequisite: SWK-305 (<http://catalog.neiu.edu/search/?P=SWK-305>) minimum grade of C.

Corequisites: SWK-353 (<http://catalog.neiu.edu/search/?P=SWK-353>), SWK-310 (<http://catalog.neiu.edu/search/?P=SWK-310>).

SWK-356. Field Practicum II. 3 Hours.

Taken concurrently with SWK-354 (<http://catalog.neiu.edu/search/?P=SWK-354>). Continuation of SWK-355 (<http://catalog.neiu.edu/search/?P=SWK-355>).

Corequisites: SWK-354 (<http://catalog.neiu.edu/search/?P=SWK-354>), SWK-311 (<http://catalog.neiu.edu/search/?P=SWK-311>).

SWK-357. Social Welfare Policy II. 3 Hours.

Critical analysis of social welfare policies and programs; focus on the impact of policy on direct practice.

Prerequisite: SWK-207 (<http://catalog.neiu.edu/search/?P=SWK-207>) minimum grade of C.

SWK-358. Social Work Advocacy. 3 Hours.**SWK-400. Overview Of The Social Work Profession. 3 Hours.**

Overview of the Social Work Profession is a 3 credit hour course for students who have a bachelor's degree in a major other than social work. This course is designed to provide students with an overview of the profession providing a context of the knowledge, values, and skills in the social work profession. The course covers the history of social work, the values and ethics of the profession, the perspectives of empowerment and social justice, the varied fields of social work practice, and how social workers help individuals, families, groups, and society.

SWK-401. Cultural Competence In Social Work. 3 Hours.

The course provides an overview of the conceptual and theoretical knowledge related to difference, oppression, social justice, and empowerment. Students explore power issues in race, class, gender, sexual orientation and other societal forces that affect individuals. This course provides a forum for students to critically examine their assumptions, beliefs, and behaviors and reflect on how these personal ethics and values enhance or hinder their work with people of diverse backgrounds.

Prerequisite: SWK-400 (<http://catalog.neiu.edu/search/?P=SWK-400>) minimum grade of B.

SWK-402. Human Behavior And The Social Environment I. 3 Hours.

This is the first half of a two-semester sequence designed to inform students about human development throughout the life course. Students will gain an understanding of the reciprocal interaction between individuals and the ecological context in which they live and grow. This first course focuses on theories and research findings related to: 1) the Eco-systemic approach to social work practice; 2) the functioning of individuals, families, and communities; and 3) the analysis of human development theories from birth through late-childhood and preadolescence. The semester will also include an overview of the mission of social work and the value base of the profession.

Corequisite: SWK-403 (<http://catalog.neiu.edu/search/?P=SWK-403>).

SWK-403. Generalist Practice I. 3 Hours.

This course introduces students to generalist social work practice and addresses values, knowledge, skills, issues and processes relevant to social work practice regardless of client population, size of client system, or type of agency setting. The course focuses on basic social work practice principles, concepts, goals, and methods. Particular attention is paid to culturally diverse and oppressed populations. This course includes a practice skills laboratory in which students have the opportunity to practice their relationship building, interviewing, and assessment skills. The practice skills laboratory is also designed to give students the opportunity to integrate fieldwork experiences with classroom learning.

Corequisite: SWK-402 (<http://catalog.neiu.edu/search/?P=SWK-402>).

SWK-404. Human Behavior And The Social Environment II. 3 Hours.

This is the second of a two-semester sequence that examines human development throughout the life cycle and the interaction of individuals with environmental conditions. This course covers the stages of human development from adolescence through old age and focuses on the effects of diversity and oppression on the development and functioning of individuals. The course also focuses on the relationship between individual development and broad, environmental factors that affect individual development. Particular attention is given to issues related to mental health and mental illness. In addition, the examination of the impact of immigration across the life course is examined.

Prerequisite: SWK-402 (<http://catalog.neiu.edu/search/?P=SWK-402>) minimum grade of B.

Corequisite: SWK-405 (<http://catalog.neiu.edu/search/?P=SWK-405>).

SWK-405. Generalist Practice II. 3 Hours.

Generalist Practice II is the second part of a two-semester sequence and addresses values, knowledge, skills, issues and processes which are relevant to clinical social work practice regardless of agency setting. This course uses an ecosystems assessment perspective and a problem solving process as the framework for intervention. Particular attention is paid to cultural diversity and the dynamics of oppression in clinical social work practice. This course also includes a concurrent practice skills laboratory in which students have the opportunity to practice their clinical social work practice skills.

Prerequisite: SWK-403 (<http://catalog.neiu.edu/search/?P=SWK-403>) minimum grade of B.

Corequisite: SWK-404 (<http://catalog.neiu.edu/search/?P=SWK-404>).

SWK-406. Social Welfare Policy. 3 Hours.

This course is designed to provide students with an overview of the major social welfare policies such as health care, children and families, poverty, mental health, and substance abuse, and provides a conceptual framework in which these policies are analyzed. Students learn the underlying values that are used to formulate such policies as well as debate the direction of policy changes. It examines the government's role in the development of social policies and the social work role in advocating for change. Special emphasis is placed on how these social welfare policies affect diverse population. This course is for graduate social work students.

Requirements: Bachelor's Degree and admission to the graduate program in social work.

SWK-407. Social Work Research. 3 Hours.

This foundation research course is designed to provide the students with an overview of the scientific research process, to enable students to critique research, and prepares students to develop a research proposal. The course covers the research formulation process, research methodology, and research findings and their implications for further research. Emphasis is placed on critiques of actual research appearing in the social work literature and the development of a research proposal on a topic in social work. It is expected at the completion of this course students will be prepared to engage in a research project in the advanced curriculum.

SWK-415. Foundation Field Practicum I. 3 Hours.

This course is the first of a 2-semester sequence and provides students with a generalist practice experience with individuals, families, small groups, and communities. Students spend 240 clock hours in an agency for the 3 credit hours of course work. Students are integrating classroom learning such as communication skills, professional values and ethics, and practice models with multiple system levels. They also are learning to employ a bio-psycho-social assessment model and utilize a strengths perspective with client systems. In addition, students are learning how important it is to evaluate their practice.

Requirement: Admission to the graduate social work program and approval of the Field Placement Application.

SWK-416. Foundation Field Practicum II. 3 Hours.

This course is the second course in a 2-semester sequence and provides students with a generalist practice experience with individuals, families, groups, and communities. Students spend 240 clock hours in an agency for the 3 credit hours of course work. Students are integrating classroom learning such as communication skills, professional values and ethics, and practice models with multiple system levels. They also are learning to employ a bio-psycho-social assessment model and utilize a strengths perspective with client systems. In addition, students learn to evaluate their practice.

Prerequisite: SWK-415 (<http://catalog.neiu.edu/search/?P=SWK-415>) minimum grade of B.

SWK-430. Transition To The Advanced Curriculum. 4 Hours.

This course is designed to enable those who have a Bachelor's in Social Work to transition to the advanced curriculum. This course provides an overview of the foundation curriculum and ensures the consistency in exposure to this foundation curriculum between those who are full-program students and those who are advanced standing degree program students. The students will then complete short papers that allows the demonstration of the primary concepts and principles in the foundation areas.

Requirements: Admission to the Advanced Standing Degree graduate program in social work; a bachelor's degree in social work within the past 10 years.

SWK-431. Social Work Practice With Families. 3 Hours.

Building on a bio-psycho-social spiritual framework, this advanced practice course utilizes a case analysis format to focus on clinical practice skills within the context of culture. Specific strategies and tools for evaluating clinical social work practice and ethical dilemmas that arise in clinical social work practice are addressed. The course emphasizes the ways in which socio-economic status, ethnicity, sexual orientation, race, gender, and physical and mental disability affect the processes of clinical assessment and intervention. In addition, this course addresses the role of the clinical social worker when advocating for social and economic justice on behalf of their clients.

Requirement: Completion of the foundation curriculum or admission to the advanced standing graduate degree program.

SWK-432. Family-centered Policy. 3 Hours.

The course enables students to learn about child and family-centered policy and to critically analyze these policies using a conceptual framework. This course examines the various effects policies and programs have on different types of families and different aspects of family functioning. The course focuses on the connections between public policies and the values that enter into policy debates and explores the reciprocal linkages between family functioning and public policies at the federal, state, and local levels.

Requirement: Completion of the foundation curriculum or admission to the advanced standing graduate degree program.

SWK-433. Social Work Practice With Children. 3 Hours.

This course is designed to enhance knowledge, values and skills for practice with children. The course prepares advanced practitioners to provide culturally competent services for a broad range of families and children. This course emphasizes the provision of services for children and their families that enhance and support family life as well as substitute a home life for those who need this. The course focuses on a full range of services available for children and families and emphasizes the impact of these various services. The course also covers various treatment approaches especially for children who are traumatized.

Requirement: Completion of the Foundation Curriculum or admission to the advanced standing graduate degree program.

SWK-434. Child Welfare Policy And Legislation. 3 Hours.

This course is designed to enable students to analyze policies affecting children and to prepare students to function in the legal system on behalf of children. This course provides students an overview of the federal and state policy in child welfare and the legal system which provides oversight of these policies. The course equips students with the knowledge and skills to advocate on their behalf children.

Requirement: Completion of the foundation curriculum or admission to the advanced standing graduate degree program.

SWK-441. Empowerment And Change. 3 Hours.

This course is designed to provide students with a social justice and empowerment framework for understanding the need to promote social change. The concept of social justice is analyzed emphasizing the moral and ethical imperative to seek the eradication of social injustice. The concept of empowerment is examined as a framework for understanding the process of advocacy and social change. The contexts of advocacy as well as the various models of advocacy are covered. Strategies and tactics of advocacy are presented with an emphasis on the challenges and dilemmas of implementation.

Requirement: Completion of the foundation curriculum or admission to the advanced standing graduate degree program in social work.

SWK-442. Political Advocacy. 3 Hours.

This course provides an overview of the role of social workers within the electoral and legislative arenas. The nature of the legislative policy making process and the role of partisan politics in the policy-making process is explored. The course focuses on selected strategies and tactics of advocacy aimed at changing legislation. Topics covered include lobbying, coalition-building, and legal and ethical dilemmas in building or strengthening the power base for advocacy.

Requirement: completion of the Foundation Curriculum or admission to the Advanced Standing program in social work.

SWK-443. Social Justice And Social Change. 3 Hours.

The purpose of this course is to provide students with a theoretical conceptualization of social justice and enable them to use this knowledge to bring about social change. Various aspects of social justice is explored and specific areas of social injustices is examined. Both economic and social justice for specific vulnerable populations are examined. At the completion of the course it is expected that students gain a firm grasp of the mission of social justice in the social work profession.

Requirement: Completion of the foundation curriculum or admission to the advanced standing graduate degree program.

SWK-444. Community Advocacy. 3 Hours.

This course is designed to prepare students to lead in the development of grassroots activities that will bring about change. Students learn to utilize their knowledge of the process of advocacy to accomplish the tasks that will bring about change. Students learn how to assess community readiness for change and design the elements for bringing about change. The topics covered in this course are capacity-building, collaboration, fundraising, marketing, and using the media and persuasion. Students also learn how to evaluate these efforts to strengthen future work on community change.

Requirement: completion of foundation curriculum or admission to the advanced standing program in social work.

SWK-470. Immigration Practices. 3 Hours.

This course is designed to help students work with foreign-born populations (and their offspring) develop advanced knowledge and practice skills necessary to address their needs. This course will cover issues related to the demographics of immigrant refugees, culturally competent practice at the micro- and mezzo- levels of practice, and an in-depth exploration of legal and policy issues that affect the foreign-born in the United States.

Requirement: completion of foundation curriculum or admission to the advanced standing program of social work; permission of the instructor.

SWK-471. Practice With Lesbian, Gay Bisexual, Transgender And Queer Population. 3 Hours.

This course is designed to enhance student understanding of issues related to LGBT populations in the U.S. Students will be exposed to empirical literature on LGBT issues that will inform an understanding of past, present and future challenges facing the LGBT communities. Raising students' awareness of personal, interpersonal and institutional values and biases is examined and a life cycle perspective is presented to highlight the unique issues of LGBT communities. Students are introduced to the history of the LGBT civil rights movements and the underlying theories of sexual orientation and sexual identity formation.

Requirement: Completion of the foundation curriculum or admission to the advanced standing graduate degree program.

SWK-472. Trauma Treatment With Children And Families. 3 Hours.

This course is designed to provide students with intermediate knowledge and skills to assess the impact of potentially traumatic events and to plan for evidence informed interventions across a variety of family system. The impact of trauma is considered within the context of biological, developmental, psychological, economic, educational, cultural, and social factors. The role of the therapist is covered and intervention techniques that empower families is presented. Consideration is given to those factors that enhance the protective capacity, strengths and resilience of children and their families who have been exposed to violence, abuse and trauma.

Requirement: Completion of the foundation curriculum or admission to the advanced standing graduate degree program in social work.

SWK-473. Topics In Advocacy. 3 Hours.

The purpose of this course is to enable students to design an advocacy project in a specified topic area. Students select a topic of their choice and complete the project in its entirety. The class focuses on the steps or process for launching an advocacy project from assessing the need, mobilizing resources, and engaging in activities. At the conclusion of the course students evaluate their efforts and identify the next steps.

Requirement: Completion of the foundation curriculum or the Bachelor's Degree in Social Work.

SWK-474. Social Work And The Law. 3 Hours.

This course examines the law, legal processes, and legal systems as they relate to social work fields' of practice. The course challenges students to consider how the fields of social work and law intersect. Throughout the course, students critically analyze how the practice of social work is continually influenced by judicial decisions. The students also attain skills in advocating within the legal system on behalf of the populations that they serve.

Requirement: Completion of the foundation curriculum or admission to the advanced standing graduate degree program.

SWK-491. Advanced Research I. 2 Hours.

This course is designed to enable students to develop a research proposal that will be carried out in the following semester. The course focuses on the elements of a research proposal and the steps in developing the proposal. The course helps students decide on the topic and move this to a research problem. The course also facilitates the literature review and helps in the design of the research methodology. In addition, students learn about the limitations of their research as well as the significance.

Requirement: Completion of the foundation curriculum or bachelor's degree in social work and admission to the advanced standing graduate degree program in social work

Corequisite: SWK-495 (<http://catalog.neiu.edu/search/?P=SWK-495>).

SWK-492. Advanced Research II. 2 Hours.

This course is designed to afford students the opportunity to implement the research project for which they developed a research proposal in the previous term. Students must have received the approval of the NEIU Institutional Review Board prior to conducting this research. This course is to assist students in the collection and analysis of their data as well as the identification of the contributions and limitations and the implications of this research.

Requirement: Completion of the foundation curricula or admission to the advanced standing graduate degree program in social work

Prerequisite: SWK-491 (<http://catalog.neiu.edu/search/?P=SWK-491>) minimum grade of B.

Corequisite: SWK-496 (<http://catalog.neiu.edu/search/?P=SWK-496>).

SWK-495. Advanced Field Practicum I. 4 Hours.

This is an advanced practicum designed to engage students in experiences and activities in their concentration. This is the first semester of a 2-semester sequence and is designed to expose students to the roles and tasks of a professional social worker in their desired concentration.

Requirement: Completion of the foundation curriculum or admission to the advanced standing graduate degree program in social work

Corequisite: SWK-491 (<http://catalog.neiu.edu/search/?P=SWK-491>).

SWK-496. Advanced Field Practicum II. 4 Hours.

This is an advanced practicum designed to engage students in experiences and activities in their concentration. This is the second semester of a 2-semester sequence and is designed to further students learning and advance their understanding of the roles and tasks of a professional social worker in their desired concentration.

Requirement: Completion of the foundation curriculum or admission to the advanced standing graduate degree program in social work

Prerequisite: SWK-495 (<http://catalog.neiu.edu/search/?P=SWK-495>) minimum grade of B.

Corequisite: SWK-492 (<http://catalog.neiu.edu/search/?P=SWK-492>).

Sociology (SOC)

Courses

SOC-100. Introduction To Sociology. 3 Hours.

Fundamental concepts involved in understanding human societies. Socialization, culture, social interaction, social institutions, social stratification, and social change are discussed.

SOC-104. Schools And Society. 3 Hours.

SOC-105. Women, Men And Social Change. 3 Hours.

This course will examine the roots of gender expectations and gender divisions; and historical and cultural variations in how gender has and is perceived. The course will raise questions about the consequences of the social organization of gender relations and the possibilities for change in the positions of men and women in society.

SOC-109A. First Year Experience: Investigating Chicago: Immigration & Migration. 3 Hours.

In this course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery and Transitions) are interwoven with the field-specific concepts and terminology of sociology. Using the city as a lab, freshmen explore Chicago's immigrants and immigration patterns, actively discovering the complexity and diversity of Chicago as an immigrant destination through readings, films, speakers, and out-of-class experiences.

SOC-204. Sociology Of Small Groups. 3 Hours.

A study of the individual and group relationships in society in terms of the various types of social collectives; primary and secondary groups, crowds and publics, collective behavior and social movements with emphasis on the symbolic nature of social interaction.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-205. Contemporary Social Issues. 3 Hours.

Analysis and interpretation of major contemporary social issues, such as war and peace, poverty, racism, sexism, power structures; critical evaluation of present and suggested programs to meet current problems.

SOC-206. Sociology Of Drug Abuse. 3 Hours.

Review of literature and current research on drug abuse. Examination of leading social explanations of drug abuse and consideration of drug treatment and prevention approaches.

SOC-211. Sociological Research Methods. 3 Hours.

Emphasis on increasing student's abilities to communicate their understanding of social science research. Focus on learning social science research vocabulary, developing an understanding of issues in the philosophy of the social sciences, learning steps and procedures in sociological research, and using writing skills relevant to social science research.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-212. Introduction To Social Statistics. 3 Hours.

An introduction to descriptive and inferential statistics which are the basic statistical methods used in Sociology and other Social Science disciplines. Students will also learn how to use a statistical package (SPSS for Windows) to analyze and interpret survey data.

Prerequisites: ((SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) and SOC-211 (<http://catalog.neiu.edu/search/?P=SOC-211>)) or SOC-337) and (MATH-092 (<http://catalog.neiu.edu/search/?P=MATH-092>) or MATH-102 or NEIU Math Placement Result 30 - 45 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120).

SOC-214. Sociology Of Intimacy, Marriages And Families. 3 Hours.

The major issues involved in the criticisms of family systems with a view to predicting how current forms are likely to mesh with changing trends to form marriage and family patterns in the future. Areas of study include family history, changing demographic patterns, family structures, gender roles, sexuality, reproductive technology, marital interaction and power, marital dissolution and reconstituted families.

SOC-221. Sociology Of Work. 3 Hours.

Examines work as both a social and economic phenomenon; focuses on the role of work in people's lives and on the nature of occupational roles as an element of social structure. Areas of study include the impact of technology on the meaning and organization of work, the global economy, reward structures, unemployment, and the changing composition of the labor force of the future.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-230. Sociological Analysis. 3 Hours.

An introduction to when and how to do sociological analysis of popular and scholarly opinion, with a focus on developing and/or improving communication and critical thinking skills. The course integrates sociological theory and methods and requires students to analyze and critique theories, opinions, and research found in a variety of popular and scholarly materials using a sociological perspective.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-245. Writing Intensive Program: Social Inequalities. 3 Hours.

Examines different sociological explanations of the causes and consequences of social inequalities at the intersections of race, ethnicity, class, gender, and sexuality; explores the linkages between social stratification in the United States and global inequalities and how inequalities are institutionalized, legitimized, and experienced by different groups of people. This is a writing intensive course.

Prerequisites: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

SOC-250. Sociology Of Deviance. 3 Hours.

Overview of the sociological works, both past and present, in the area of social deviance. In addition, traditional and alternative definitions and explanations of deviant behavior will be explored.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-270. Sociology Of Latinas. 3 Hours.

Study of the role played by the Latina, and the social, economic and political issues that affect her life. The relationship between class and gender, and the impact of modernization on women's roles and status will also be examined.

SOC-302. Sociology Of Aging. 3 Hours.

The aging process, examined from both an individual and societal perspective; problems, potentials, and realities of aging. Topics of study include the nature and quality of relations among members of different generations, age norms, age constraints, and adult socialization as well as historical and cross-cultural comparisons of aging.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-306. American Women-The Changing Image. 3 Hours.

Analyzes women's varying roles, statuses and life opportunities; covers the feminist movement, past and present with special emphasis on the intersection of gender, race and social class.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C or WSP-101 minimum grade of C.

SOC-307. Men & Masculinities. 3 Hours.

This course addresses the central themes that have emerged in the feminist-inspired sociological research on men and masculinities. These themes include men's institutionalized power and privilege over women, inequalities among different groups of men (e.g., power disparities across race, ethnicity, class, sexuality, and nation of origin), and the costs men and women pay for men's conformity to rigid notions of masculinity. In our exploration of these themes, we will discuss masculinities at the individual, interpersonal, institutional, societal, and global levels.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-309. Sociology Of Racism. 3 Hours.

Survey of the sociological and historical development of the theories of race and racism and the impact these theories have had on the implementation of social policy. Black experience in America is highlighted and special attention is given to institutional expressions of racism in the Western World.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C or AFAM-200 (<http://catalog.neiu.edu/search/?P=AFAM-200>) minimum grade of C.

SOC-310. Social Movements. 3 Hours.

A systematic analysis of selected social and political revolutions and/or revolutionary movements in the United States and globally.

Prerequisite: (LLAS-101 (<http://catalog.neiu.edu/search/?P=LLAS-101>) minimum grade of C or MCS-101 minimum grade of C) or SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-312. Sociology Of Health And Illness. 3 Hours.

Survey of theory and research concerning social and cultural factors in determining health and illness and description of health care organization and practice. Societal responses to health care problems.

SOC-313. Social Demography. 3 Hours.

Population characteristics and population dynamics in a variety of cultural settings; political, economic and sociological implications of population trends, resources and approaches in demographic analysis.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-314. Urban Sociology. 3 Hours.

Population characteristics, social structure, social change and social policy associated with urbanization and community development. Focus on problems of the inner city.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-316. Race And Ethnic Relations. 3 Hours.

A cross-cultural study of the patterns of interaction between racial and ethnic groups, analysis of the sources of prejudice and discrimination; examination of the relationships between race and ethnic relations and patterns of stratification.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C or AFAM-200 (<http://catalog.neiu.edu/search/?P=AFAM-200>) minimum grade of C.

SOC-317. Sociology Of Religions And Spirituality. 3 Hours.

Study of the social aspects of religious beliefs, practices and participation. The Church as a social institution and its relationship to social class, social control. Religion as a form of expressive behavior. The function of religion for the individual and for different social groups.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-324. Political Sociology. 3 Hours.

Centers on the intersection of politics, society, and change. Challenges conventional notions of the status quo through the investigation of social historical and comparative perspectives on change including political ideas, practices, cleavages, and commonalities within communities and between peoples and nations. Focuses on how power and democracy become intimate bedfellows whose partnership has radically different consequences for different groups of people in society.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-328. Extreme Right Groups. 3 Hours.**SOC-329. Sociology Of Violence. 3 Hours.**

Cross cultural study and focus on social and psychological explanations of violence in American society.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-331. Military Sociology. 3 Hours.

Focus on the question of U.S. military response to problems in the Third World countries. In non-technical language, the issues of political-military responses to insurgencies and revolutions are discussed within the framework of the new military doctrine of low intensity warfare and mid-intensity warfare.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-332. Sociology Of Education. 3 Hours.

An analysis and critique of education as a vast and complex social institution. The course will include a focus on the major features of the U.S. educational bureaucracy, its functions in creating and transmitting culture and maintaining social control as well as a systematic analysis of diversity, cross-cultural, local, national and global trends in education.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-335. Sociological Theory. 3 Hours.

History of social thought, the various interpretations of societal patterns; the theoretical orientations of classical sociological figures including Marx, Durkheim, and Weber and more recent orientations including conflict theory, symbolic interaction and structural functionalism.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-336. Contemporary Sociological Theory. 3 Hours.

A survey of contemporary sociological theories and paradigms, with a focus on writings that have most influenced the development of contemporary sociological theory and the way sociologists currently approach and analyze their subject matter. The course will explore theories, perspectives, ideas and works from voices generally unheard in discussions of formal sociological theory - namely, the voices of people of color and women.

Prerequisites: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C and (SOC-211 (<http://catalog.neiu.edu/search/?P=SOC-211>) minimum grade of C or SOC-335 (<http://catalog.neiu.edu/search/?P=SOC-335>) minimum grade of C).

SOC-340. Sociology Of Sexualities. 3 Hours.

Critical discussion and reading of current research and literature on human sexuality; the continuous psycho-sexual development of children, adolescents and adults; heterosexuality, homosexuality and bisexuality; the use of sex by the media; pornography; prostitution; sex and the law; institutional sexuality; population control; marital sex; the effects of class background on sexual practices.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C or WSP-101 minimum grade of C.

SOC-341. Independent Study In Sociology. 3 Hours.

Research study in an area of special interest to the student involving research methodology and field studies. Independent Studies require the approval of the instructor, department chair and the College Dean.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-341A. Independent Study In Sociology. 3 Hours.

Research study in an area of special interest to the student involving research methodology and field studies. Independent Studies require the approval of the instructor, department chair and the College Dean.

SOC-342. Sociology Internship Seminar. 3 Hours.

Taken concurrently with SOC-345 (<http://catalog.neiu.edu/search/?P=SOC-345>). The Sociology Internship Seminar investigates the application of sociological knowledge and skills to an actual organizational setting. Investigates interpersonal relationships, internal organizational relationships and dynamics, and the social context of organizations within the larger community and society at large. Critical examination of the relationships between organizations, social inequalities, and social justice. Exploration of career and graduate school resources and information.

Prerequisites: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C and SOC-105 (<http://catalog.neiu.edu/search/?P=SOC-105>) minimum grade of C and (SOC-211 (<http://catalog.neiu.edu/search/?P=SOC-211>) minimum grade of C or SOC-337 minimum grade of C) and SOC-335 (<http://catalog.neiu.edu/search/?P=SOC-335>) minimum grade of C.

Corequisite: SOC-345 (<http://catalog.neiu.edu/search/?P=SOC-345>).

SOC-343. Sociological Practice And Social Action Seminar. 3 Hours.

This seminar provides students with an opportunity to do service and research in an applied organizational setting. It includes problem solving through involvement and social action research in one organizational setting. As an applied sociologist, the student will learn to produce information that is useful in resolving problems in community organizations, social service organizations and grass roots social change organizations.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-344. African American Women:Feminism, Race, And Resistance. 3 Hours.

A systematic examination of the collective experiences of African American women, historical and contemporary; the myths versus the realities of their everyday lives, including the interrelatedness and simultaneous effect of race, class, gender, sexual orientation and age in their lived experiences.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C or AFAM-200 (<http://catalog.neiu.edu/search/?P=AFAM-200>) minimum grade of C.

SOC-345. Sociology Internship Placement. 3 Hours.

Taken concurrently with SOC-342 (<http://catalog.neiu.edu/search/?P=SOC-342>). Students will complete 144 hours at an internship placement in an organization chosen in collaboration with the professor. Performance of various tasks under the direction of a site supervisor to enhance the understanding and application of sociological theories and concepts and to gain experience relevant to career and/or graduate school interests. Prereq.: Senior status; SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>); SOC-211 (<http://catalog.neiu.edu/search/?P=SOC-211>); SOC-335 (<http://catalog.neiu.edu/search/?P=SOC-335>).

Prerequisites: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C and SOC-211 (<http://catalog.neiu.edu/search/?P=SOC-211>) minimum grade of C and SOC-335 (<http://catalog.neiu.edu/search/?P=SOC-335>) minimum grade of C.

Corequisite: SOC-342 (<http://catalog.neiu.edu/search/?P=SOC-342>).

SOC-347. Sociology Of Media. 3 Hours.

A systematic examination of mass media as a social construction of knowledge. Major focus is on the social and historical contexts within which the media are created, the powerful influence of the various media on the socialization process, and the intersections of race, class, gender, sexual orientation and age in the images and knowledge created by mass media.

SOC-349. Black Social Movements. 3 Hours.

Examination of the African American civil rights movement. Analysis of the origins and development of the modern civil rights movement, a movement that emerged in the South during the 1950s. Exploration of organized, collective forms of social change and theories of social movements and collective action. Emphasis on local, regional and national civil rights campaigns; the development, achievements, and disintegration of the national civil rights coalition; and the contributions of the male and female unsung heroes of the movement.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-350. Social Structure In Black Communities. 3 Hours.

This course is designed to explore institutional variation and social change within African-American communities. We will examine African-American populations in different settings, both contemporary and historical, and attention will be given to major traditions of sociological theory and research related to these communities. We will additionally explore the origin, structure, reproduction, and outcomes of racism and white supremacy, and how this relates to labor market processes and outcomes, social mobility and living standards, and major social institutions such as healthcare, education, and criminal justice systems, as they relate to African Americans.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C or AFAM-200 (<http://catalog.neiu.edu/search/?P=AFAM-200>) minimum grade of C.

SOC-351. Senior Seminar In Sociology. 3 Hours.

Discussion, critical review and integration of student's work with current research. Preparation of a research paper with ongoing feedback from the instructor.

Prerequisites: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C and SOC-105 (<http://catalog.neiu.edu/search/?P=SOC-105>) minimum grade of C and (SOC-211 (<http://catalog.neiu.edu/search/?P=SOC-211>) minimum grade of C or SOC-337 minimum grade of C) and SOC-335 (<http://catalog.neiu.edu/search/?P=SOC-335>) minimum grade of C.

SOC-352. Sociology Of HIV/AIDS. 3 Hours.

Examination of the sociological aspects of the AIDS crisis. Socio-history of the HIV/AIDS crisis in the United States and globally. Emphasis on how racial, class, gender and sexual inequalities have shaped the epidemiology of HIV/AIDS. Responses of dominant social institutions to the AIDS crisis. Collective action by impacted communities around issues of education, prevention, research, health care and support services. Contemporary issues facing people living with HIV/AIDS including stigma, discrimination, mental health, access to treatment, legal issues, and empowerment.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-358. Sociology Of Youth And Youth Culture. 3 Hours.

An analysis of youth and youth culture including the historical context of adolescence, sociopolitical issues confronting youth and youth culture as a form of social and political resistance. Each topic will be explored through detailed analyses of relevant literature, discussions with professionals who work with youth, and student research projects.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-360. Sociology Of Occupations And Professions. 3 Hours.

Exploration of the historical, theoretical and empirical literature on occupations and professions. Issues to be explored include the relationship between occupations and the family, education, technology and the political environment.

Prerequisites: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C and SOC-221 (<http://catalog.neiu.edu/search/?P=SOC-221>) minimum grade of C.

SOC-362. Becoming "American." 3 Hours.

Becoming "American" is not exclusively about American citizenship. Rather, it is about understanding how changes in American society influence our social policies and vice versa. Each week the course will focus on different social policies and raise questions about their consequences on social groups and the possibilities for change. By learning how social policy develops, students will have the tools to examine current social debates that often polarize Americans into "us versus them."

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-365. Sociology Of Globalization. 3 Hours.

Globalization is the worldwide integration of government policies, cultures, social movements, and financial markets through trade and the exchange of ideas. This course analyzes the processes that produce globalization and the outcomes of globalization, with a special focus on Chicago. Using a sociological lens we examine the development of globalization and its effects upon nation-states, individuals, culture, politics, inequality, and other aspects of society. Students will critically evaluate the effects of globalization with the goal of becoming engaged and empowered members of the global community.

Prerequisite: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C.

SOC-373. Community Action And Resistance. 3 Hours.

Chicago metropolitan field investigation of community conditions, local institutions and action programs. Field investigations may be broad or concentrate on a particular school or community.

Prerequisites: SOC-100 (<http://catalog.neiu.edu/search/?P=SOC-100>) minimum grade of C and (SOC-211 (<http://catalog.neiu.edu/search/?P=SOC-211>) minimum grade of C or SOC-337 minimum grade of C).

SOC-375. Government Intelligence Agencies. 3 Hours.

A study of the various government agencies which collect intelligence within the U.S. and in foreign countries with emphasis on the kinds of intelligence gathered and the political uses to which it is put. The work of the CIA and the FBI are critically examined.

Spanish (SPAN)

Courses

SPAN-101. Beginning Spanish I. 3 Hours.

(For non-native speakers of Spanish.) Development of basic skills in listening, speaking, reading and writing. Cultural appreciation.

SPAN-102. Beginning Spanish II. 3 Hours.

Continuation of SPAN-101 (<http://catalog.neiu.edu/search/?P=SPAN-101>).

Prerequisite: (SPAN-101 (<http://catalog.neiu.edu/search/?P=SPAN-101>) or NEIU Spanish Placement Score 234 - 311).

SPAN-109. First Year Experience:Chicago's Latina/o Cultures. 3 Hours.

Freshmen explore Chicago's vibrant Latina/o culture as an integral part of the city's cultural landscape through short stories, poetry, films, speakers, and field trips to cultural venues or activities. In the course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery, and Transitions) are interwoven with concepts and terminology specific to cultural and literary studies. Taught in Spanish and English. **Prerequisite:** Score of 384 or above in the Spanish placement exam (available online at www.neiu.edu/~fldept/placement.htm).

SPAN-123. Accelerated Spanish I-II-III. 9 Hours.

Accelerated study of Spanish, covering SPAN-101 (<http://catalog.neiu.edu/search/?P=SPAN-101>), SPAN-102 (<http://catalog.neiu.edu/search/?P=SPAN-102>), SPAN-103.

SPAN-201. Intermediate Spanish I. 3 Hours.

Continuation of SPAN-102 (<http://catalog.neiu.edu/search/?P=SPAN-102>). Completes the study of the basic elements of Spanish.

Prerequisite: (SPAN-102 (<http://catalog.neiu.edu/search/?P=SPAN-102>) or NEIU Spanish Placement Score 312 - 383).

SPAN-202. Intermediate Spanish II. 3 Hours.

Review of grammar. Short readings and practice in writing brief compositions. Exercises in oral communication.

Prerequisite: (SPAN-201 (<http://catalog.neiu.edu/search/?P=SPAN-201>) or NEIU Spanish Placement Score 384 - 445).

SPAN-206. Intermediate Spanish For Medical Professions. 3 Hours.

This class is for students who have achieved at least functional fluency in Spanish. This course is designed to provide students with the specific medical vocabulary and terminology necessary to communicate with and help treat Latino patients with limited English proficiency. The course will include specific vocabulary groups relating to assessment and care of patients, vocabulary to establish rapport, and discussions leading to cultural competencies. The course will use pre-designed dialogues to review and learn vocabulary and grammar structures, as well as a workshops settings designed to put students into scenarios where they can use both their speaking and listening skills. Most of the course will be taught in Spanish and because this is an intermediate course, students will be expected to have taken Spanish and retained basic conversational abilities.

SPAN-209. Spanish For Spanish Speakers I. 3 Hours.

This course is the first in two-semester sequence of intermediate-level Spanish designed for students who speak Spanish at home and/or in the community, but have not studied it formally and /or whose reading and writing abilities in Spanish are limited. The focus of the first semester is on orthography while the focus of the second semester is on syntax. Both semesters include reading comprehension and basic literary analysis of short texts.

SPAN-211. Spanish For Spanish Speakers II. 3 Hours.

This course is the second in a two-semester sequence of intermediate-level Spanish designed for students who speak Spanish at home and/or in the community, but have not studied it formally and/or whose reading and writing abilities in Spanish are limited. The focus of the first semester is on orthography while the focus of the second semester is on syntax. Both semesters include reading comprehension and basic literary analysis of short texts.

SPAN-220. Intermediate Conversation I. 3 Hours.

Development of basic conversational skills with emphasis on everyday situations. Conducted primarily in Spanish.

Prerequisite: (SPAN-202 (<http://catalog.neiu.edu/search/?P=SPAN-202>) or NEIU Spanish Placement Score 446 - 999).

SPAN-224. Reading Comprehension. 3 Hours.

Developing comprehension by increasing vocabulary and enhancing speed in reading Spanish. Conducted in Spanish.

Prerequisite: (SPAN-202 (<http://catalog.neiu.edu/search/?P=SPAN-202>) or NEIU Spanish Placement Score 446 - 999).

SPAN-225. Composition I. 3 Hours.

This course is designed as a workshop to develop students' practical writing needs based on personal preferences, daily routines, common events, and other topics related to personal experiences and immediate surroundings. Writing tasks focus on short, simple formats such as letters, diary entries, and descriptions. The course also addresses different tenses and moods in Spanish, normative orthography, correct use of accents, and building of vocabulary. Taught in Spanish.

Prerequisite: (SPAN-202 (<http://catalog.neiu.edu/search/?P=SPAN-202>) or SPAN-211 (<http://catalog.neiu.edu/search/?P=SPAN-211>) or NEIU Spanish Placement Score 446 - 999).

SPAN-251. Intermediate Conversation II. 3 Hours.

Continuation of SPAN-220 (<http://catalog.neiu.edu/search/?P=SPAN-220>) with emphasis on spontaneous conversation. Conducted in Spanish.

Prerequisite: SPAN-220 (<http://catalog.neiu.edu/search/?P=SPAN-220>) minimum grade of D.

SPAN-252. Literary Genres. 3 Hours.

Reading of a wide variety of longer passages with emphasis on general comprehension. Conducted in Spanish.

Prerequisite: SPAN-224 (<http://catalog.neiu.edu/search/?P=SPAN-224>) minimum grade of D.

SPAN-253. Composition II. 3 Hours.

This course develops students' critical writing skills in preparation for 300-level courses in literature and culture. It also serves as an introduction to research skills in the humanities, with special emphasis on the Spanish-speaking world. Taught in Spanish.

Prerequisite: SPAN-225 (<http://catalog.neiu.edu/search/?P=SPAN-225>) minimum grade of D.

SPAN-301. Advanced Spanish Grammar. 3 Hours.

Comprehensive review of Spanish grammar for students at the Advanced Level. Focus on the structure of the Spanish sentence (morphology and syntax) as a means to successfully master normative writing styles.

Prerequisite: SPAN-253 (<http://catalog.neiu.edu/search/?P=SPAN-253>) minimum grade of D.

SPAN-310. Creative Writing In Spanish. 3 Hours.

Creative Writing in Spanish introduces students to creative writing in two different genres: poetry and short story. Students will learn the defining characteristics of these genres through the production, reading and analysis of their own texts and the text of peers. Student will also learn how to produce a literary publication through their participation in *Consenso*, the literary magazine run by students in the Masters program in Latin American Literatures and Cultures. Local authors who publish in Spanish will be invited to class to read from their work, share their experience and give advice. Taught in Spanish.

Prerequisite: SPAN-253 (<http://catalog.neiu.edu/search/?P=SPAN-253>) minimum grade of C.

SPAN-312. Advanced Conversation. 3 Hours.

Continuation of SPAN-251 (<http://catalog.neiu.edu/search/?P=SPAN-251>). Mastery of various speaking skills leading toward communicative competence. Conducted in Spanish.

Prerequisite: SPAN-251 (<http://catalog.neiu.edu/search/?P=SPAN-251>) minimum grade of D.

SPAN-314. Latin American Culture. 3 Hours.

This course offers students an introduction to Latin American culture from pre-Columbian times to the present, through the contextualized study of representative cultural texts, including literature, music, painting, and film. Topics include pre-Columbian civilizations, the European Conquest, Colonial Baroque culture, Independence movements, 19th century nation building, 20th century revolutions, and contemporary issues. Taught in Spanish.

Prerequisite: SPAN-253 (<http://catalog.neiu.edu/search/?P=SPAN-253>) minimum grade of D.

SPAN-315. Spanish Culture. 3 Hours.

This course offers students an introduction to Spanish culture from its roots in pre-Roman times to the present, through the contextualized study of representative cultural texts, including literature, music, painting and film. Topics include the legacy of the Roman Empire, Muslim, Jewish and Christian coexistence during the Middle Ages, the Spanish Golden Age, Bourbon Spain, the Second Republic, Spain under Franco, and contemporary issues. Taught in Spanish.

Prerequisite: SPAN-253 (<http://catalog.neiu.edu/search/?P=SPAN-253>) minimum grade of D.

SPAN-319. Applied Spanish Linguistics. 3 Hours.

Linguistic principles and their application in the preparation of teaching materials and of microlessons.

Prerequisite: SPAN-253 (<http://catalog.neiu.edu/search/?P=SPAN-253>) minimum grade of D.

SPAN-321. Latin American Literature I. 3 Hours.

This course offers students an introduction to Latin American Literature from pre-Columbian times to the end of the 19th Century, through a critical analysis of representative works of poetry, narrative and drama. Topics include Nahuatl, Inca and Maya cosmogonies and poetry, literary perspectives on the Conquest, the New World Baroque, Latin American Romanticism, and Modernismo. Taught in Spanish.

Prerequisites: SPAN-252 (<http://catalog.neiu.edu/search/?P=SPAN-252>) minimum grade of D and SPAN-253 (<http://catalog.neiu.edu/search/?P=SPAN-253>) minimum grade of D.

SPAN-322. Independent Study In Spanish. 3 Hours.

SPAN-323. Latin American Literature II. 3 Hours.

This course offers students an introduction to Latin American Literature of the 20th and 21st centuries, through the critical analysis of representative works of poetry, narrative, drama, and the essay. Topics include Posmodernismo, Vanguardias, Social Realism, Regionalism, Indigenismo, Negritud, the Neobaroque, Magical Realism, Feminist Literature, Testimonio, U.S. Latina/o Literature, and contemporary trends. Taught in Spanish.

Prerequisites: SPAN-252 (<http://catalog.neiu.edu/search/?P=SPAN-252>) minimum grade of D and SPAN-253 (<http://catalog.neiu.edu/search/?P=SPAN-253>) minimum grade of D.

SPAN-324. Advanced Composition. 3 Hours.

Advanced study of Spanish composition using complex grammatical structures with special attention to style. Conducted in Spanish.

Prerequisite: SPAN-253 (<http://catalog.neiu.edu/search/?P=SPAN-253>) minimum grade of D.

SPAN-326. Spanish Literature I. 3 Hours.

This course offers an introduction to Spanish literature written between 1200 and 1700, through a critical analysis and contextualization of representative works of poetry, fiction and drama. Topics include Medieval secular and sacred literature, the literature of the Spanish Golden Age, the rise of the modern novel, Renaissance poetry, and literature of the Baroque. Taught in Spanish.

Prerequisites: SPAN-252 (<http://catalog.neiu.edu/search/?P=SPAN-252>) minimum grade of D and SPAN-253 (<http://catalog.neiu.edu/search/?P=SPAN-253>) minimum grade of D.

SPAN-327. Business Spanish I. 3 Hours.

Foundations of business vocabulary, business writing, basic business and cultural concepts, and situational practices to be successful in today's Spanish-speaking business world. The course interweaves three thematic threads: a business context, a geographic context and a cultural context.

Prerequisite: SPAN-253 (<http://catalog.neiu.edu/search/?P=SPAN-253>) minimum grade of D.

SPAN-328. Spanish Literature II. 3 Hours.

This course offers an introduction to Spanish literature written between 1700 and the present, through a critical analysis and contextualization of representative works of poetry, fiction and drama. Topics include Romanticism, Realism and Naturalism, Generación del 98, Generación del 27, literature of the Spanish Civil War and its aftermath, and recent literature. Taught in Spanish.

Prerequisites: SPAN-252 (<http://catalog.neiu.edu/search/?P=SPAN-252>) minimum grade of D and SPAN-253 (<http://catalog.neiu.edu/search/?P=SPAN-253>) minimum grade of D.

SPAN-329. Introduction To Spanish American And Spanish Literature. 3 Hours.

Overview of literary periods and significant trends in Spanish-American and Spanish Literature. Survey of major writers and their principal works. Conducted in Spanish.

Prerequisite: SPAN-312 (<http://catalog.neiu.edu/search/?P=SPAN-312>) minimum grade of D or SPAN-317 minimum grade of D.

SPAN-331. Hispanic World Cultures. 3 Hours.

Study of the various aspects of the cultures of the Hispanic World. Conducted in Spanish.

Prerequisite: SPAN-317 minimum grade of D.

SPAN-351. Generation Of 1898. 3 Hours.

Analysis of the general character of the period called Generation of 1898 in Spanish Literature. Conducted in Spanish.

Prerequisite: SPAN-326 (<http://catalog.neiu.edu/search/?P=SPAN-326>) minimum grade of D or SPAN-328 (<http://catalog.neiu.edu/search/?P=SPAN-328>) minimum grade of D.

SPAN-352. Puerto Rican Literature. 3 Hours.

Survey of Puerto Rican literature from 1650 to the present; principal literary movements in novel, short story, poetry, and drama. Conducted in Spanish.

Prerequisite: SPAN-321 (<http://catalog.neiu.edu/search/?P=SPAN-321>) minimum grade of D or SPAN-323 (<http://catalog.neiu.edu/search/?P=SPAN-323>) minimum grade of D.

SPAN-353. Spanish For Teachers Of Spanish. 3 Hours.

This capstone course is designed for the Spanish major, and in particular, for those seeking K-12 certification. In terms of language pedagogy, expressions such as student-centered and teaching-centered approaches figure prominently. In this course different pedagogical approaches will be explored as they relate to the teaching of grammar, writing, reading, vocabulary acquisition, pronunciation and intonation in Spanish. The course is conducted entirely in Spanish.

Prerequisite: SPAN-253 (<http://catalog.neiu.edu/search/?P=SPAN-253>) minimum grade of D.

SPAN-354. Spanish American Literature To 1888. 3 Hours.

Reading and study of Spanish-American literature from its beginning up to and including the Romantic period. Conducted in Spanish.

Prerequisite: SPAN-329 (<http://catalog.neiu.edu/search/?P=SPAN-329>) minimum grade of D.

SPAN-356. Realism And Naturalism In Spanish American Literature. 3 Hours.

Reading and study of Spanish-American literature emphasizing "criollismo", "indianista", and Gaucho literature. Conducted in Spanish.

Prerequisite: SPAN-321 (<http://catalog.neiu.edu/search/?P=SPAN-321>) minimum grade of D or SPAN-323 (<http://catalog.neiu.edu/search/?P=SPAN-323>) minimum grade of D.

SPAN-357. Prose Of The Golden Age. 3 Hours.

Reading and study of the literary prose of the Spanish Golden Age. Emphasis on Don Quixote and the Picaresque novel. Conducted in Spanish.

Prerequisite: SPAN-326 (<http://catalog.neiu.edu/search/?P=SPAN-326>) minimum grade of D or SPAN-328 (<http://catalog.neiu.edu/search/?P=SPAN-328>) minimum grade of D.

SPAN-358. El Modernismo. 3 Hours.

Reading and study of the prose and poetry of the Modernist authors of Spanish America. Conducted in Spanish.

Prerequisite: SPAN-321 (<http://catalog.neiu.edu/search/?P=SPAN-321>) minimum grade of D or SPAN-323 (<http://catalog.neiu.edu/search/?P=SPAN-323>) minimum grade of D.

SPAN-359. Spanish Literature Of The 19th Century. 3 Hours.

Study of Romanticism, Realism, and Naturalism in Spain. Conducted in Spanish.

Prerequisite: SPAN-326 (<http://catalog.neiu.edu/search/?P=SPAN-326>) minimum grade of D or SPAN-328 (<http://catalog.neiu.edu/search/?P=SPAN-328>) minimum grade of D.

SPAN-363. The Generation Of 1927. 3 Hours.

Works of the principal figures of the Generation of 1927. Conducted in Spanish.

Prerequisite: SPAN-326 (<http://catalog.neiu.edu/search/?P=SPAN-326>) minimum grade of D or SPAN-328 (<http://catalog.neiu.edu/search/?P=SPAN-328>) minimum grade of D.

SPAN-364. Chicago's Latin@ Literature & Culture. 3 Hours.

Contributions of Spanish-American to Chicago and their impact on the city. Conducted in Spanish.

Prerequisite: SPAN-321 (<http://catalog.neiu.edu/search/?P=SPAN-321>) minimum grade of D or SPAN-323 (<http://catalog.neiu.edu/search/?P=SPAN-323>) minimum grade of D.

SPAN-367. Business Spanish II. 3 Hours.

Advanced business vocabulary, business writing, basic business and cultural concepts, and situational practice for success in today's Spanish-speaking business world. Course develops along three primary inter-related thematic threads: A business context, a geographic context and a cultural context.

Prerequisite: SPAN-327 (<http://catalog.neiu.edu/search/?P=SPAN-327>) minimum grade of D.

SPAN-368. Latin American Cinema. 3 Hours.

This course offers students a panoramic overview of Latin American cinema through the critical study of representative films in their political, economic and aesthetic contexts. Conceptually, the course is a cultural history of Latin America in the twentieth and twenty-first centuries, as seen through paradigmatic films of the Silent Period, the Avant-Garde, Studio Cinema, Neorealism, New Latin American Cinema, and contemporary cinema. Taught in Spanish.

Prerequisite: SPAN-314 (<http://catalog.neiu.edu/search/?P=SPAN-314>) minimum grade of C.

SPAN-369. Latin America Culture Through Music. 3 Hours.

This course develops an understanding of Latin American music as a cultural artifact, traces its roots and origins in Europe, Africa and indigenous cultures, and explores its central role in shaping cultural values and identities, both in Latin America and in U.S. cities like Chicago. Taught in Spanish.

Prerequisite: SPAN-314 (<http://catalog.neiu.edu/search/?P=SPAN-314>) minimum grade of C.

SPAN-370. Seminar On Don Quixote. 3 Hours.

This course explores the many and complex fictional worlds of Miguel de Cervantes's *Don Quixote*, the two-part novel which is widely considered to be one of the greatest pieces of fiction ever written. Through a complete reading of Parts I and II, students will investigate the interplay between this important masterpiece and its socio-historical contexts in Renaissance Europe.

Prerequisite: SPAN-326 (<http://catalog.neiu.edu/search/?P=SPAN-326>) minimum grade of D or SPAN-328 (<http://catalog.neiu.edu/search/?P=SPAN-328>) minimum grade of D.

SPAN-371. Seminar: José Martí. 3 Hours.

Critical study of the life and work of Cuban poet, essayist and political philosopher José Martí (1853-1895).

Prerequisite: SPAN-321 (<http://catalog.neiu.edu/search/?P=SPAN-321>) minimum grade of D or SPAN-323 (<http://catalog.neiu.edu/search/?P=SPAN-323>) minimum grade of D.

SPAN-372. Alejo Carpentier. 3 Hours.

Critical study of selected works by Alejo Carpentier, a leading 20th century Latin American writer and critic.

Prerequisite: SPAN-321 (<http://catalog.neiu.edu/search/?P=SPAN-321>) minimum grade of D or SPAN-323 (<http://catalog.neiu.edu/search/?P=SPAN-323>) minimum grade of D.

SPAN-373. Latin American Short Story. 3 Hours.

Critical study of the development of the short story in Latin America from the 19th century to the present, and as part of broad movements such as Romanticism, Realism, Modernismo, Criollismo, Magical Realism, and Feminism. Emphasis on short-stories published during the last two decades.

Prerequisite: SPAN-321 (<http://catalog.neiu.edu/search/?P=SPAN-321>) minimum grade of D or SPAN-323 (<http://catalog.neiu.edu/search/?P=SPAN-323>) minimum grade of D.

SPAN-374. Isabel Allende. 3 Hours.

Critical study of short stories and novels by Isabel Allende, a popular contemporary Latin American writer whose commercial and critical success rests on the combination of Magical Realism and Feminism.

Prerequisite: SPAN-321 (<http://catalog.neiu.edu/search/?P=SPAN-321>) minimum grade of D or SPAN-323 (<http://catalog.neiu.edu/search/?P=SPAN-323>) minimum grade of D.

SPAN-375. Literature Of The Southern Cone. 3 Hours.

Critical overview of the historical evolution of the literature of Southern South America (Argentina, Chile and Uruguay) from the 19th Century to the 21st Century.

Prerequisite: SPAN-321 (<http://catalog.neiu.edu/search/?P=SPAN-321>) minimum grade of D or SPAN-323 (<http://catalog.neiu.edu/search/?P=SPAN-323>) minimum grade of D.

SPAN-376. Gabriel García Márquez. 3 Hours.

Critical study of the fiction of Nobel Prize Winner Gabriel García Márquez, including *One Hundred Years of Solitude*, the paradigmatic novel of Magical Realism, as well as his more recent work.

Prerequisite: SPAN-321 (<http://catalog.neiu.edu/search/?P=SPAN-321>) minimum grade of D or SPAN-323 (<http://catalog.neiu.edu/search/?P=SPAN-323>) minimum grade of D.

SPAN-377. Caribbean Literature. 3 Hours.

Critical study of Caribbean literature, with special emphasis on the literature of Puerto Rico, Cuba, and the Dominican Republic in the 20th and 21st centuries. The course explores the Caribbean as a socio-cultural area where the interaction between Indigenous, European, and African cultures over five centuries has created hybrid identities and worldviews.

Prerequisite: SPAN-321 (<http://catalog.neiu.edu/search/?P=SPAN-321>) minimum grade of D or SPAN-323 (<http://catalog.neiu.edu/search/?P=SPAN-323>) minimum grade of D.

SPAN-378. Mexican Literature. 3 Hours.

This course explores Mexican literary production from pre-Hispanic times to the present, including key texts by Netzahualcōyotl, Sor Juana Inés de la Cruz, Juan Rulfo, Rosario Castellanos, Octavio Paz, and Carlos Fuentes, among others. Conducted in Spanish.

Prerequisite: SPAN-321 (<http://catalog.neiu.edu/search/?P=SPAN-321>) minimum grade of D or SPAN-323 (<http://catalog.neiu.edu/search/?P=SPAN-323>) minimum grade of D.

SPAN-379. Latin American Theater. 3 Hours.

This course provides students with a thorough overview of Latin American theater through the study of key plays and theories of drama. Conducted in Spanish.

Prerequisite: SPAN-321 (<http://catalog.neiu.edu/search/?P=SPAN-321>) minimum grade of D or SPAN-323 (<http://catalog.neiu.edu/search/?P=SPAN-323>) minimum grade of D.

SPAN-380. Literary Criticism. 3 Hours.

This course explores the origins and evolution of a variety of literary genres as a starting point to analyze and evaluate the relationship between content, form and context in specific works. Conducted in Spanish.

Prerequisite: SPAN-321 (<http://catalog.neiu.edu/search/?P=SPAN-321>) minimum grade of D or SPAN-323 (<http://catalog.neiu.edu/search/?P=SPAN-323>) minimum grade of D or SPAN-326 (<http://catalog.neiu.edu/search/?P=SPAN-326>) minimum grade of D or SPAN-328 (<http://catalog.neiu.edu/search/?P=SPAN-328>) minimum grade of D.

SPAN-381. Contemporary Latin American Narrative. 3 Hours.

This course is a critical study of major works and currents of contemporary Latin American narrative, as well as relevant critical and theoretical perspectives. Primary texts studied may include novels, short stories, testimonials, chronicles and narrative film. Students develop research skills and proficiency in oral and written expression through class assignments, including a final research paper. May be repeated for credit when primary texts studied vary.

SPAN-400. Visión De América I. 3 Hours.

This course explores the images of and ideas about "America" contained primarily but not exclusively in literary works prior to the twentieth century. May address issues relevant to the field of Cultural Studies. Must be taken within the first 12 hours of enrollment in the M.A. Program.

SPAN-401. Introduction To Latin American Literary & Cultural Studies. 3 Hours.

Designed as a workshop, this course prepares students to frame, conduct, and produce research on Latin American literature and culture; students are required to take it upon entering the program. The course has three overlapping learning objectives (1) to develop students' ability to analyze literary and cultural texts; (2) to develop strategies and methods to locate, evaluate, and manage primary and secondary sources related to a specific research project; and (3) to acquaint students with some of the major critical and theoretical debates in the field. Taught in Spanish.

SPAN-407. Latin American Baroque Literature And Culture. 3 Hours.

This seminar will explore key aspects of the Latin American Baroque as an original contribution to global baroque culture in the seventeenth and eighteenth centuries, and as a period when a Latin American identity began to crystallize. Taught in Spanish.

SPAN-408. Topics In Latin American Cinema. 3 Hours.

This seminar will examine one or more modes of production and/or representation in Latin American Cinema. Possible topics include periods, genres, auteurs, and national cinemas, and the role of theory and criticism in the reception and evaluation of specific films and cinematic movements. Taught in Spanish.

SPAN-410. History Of The Spanish Language. 3 Hours.

Study of the historical, geo-political, sociological, and linguistic (phonological, morphological, syntactical) factors that have shaped the evolution of the Spanish Language.

SPAN-413. Spanish Dialectology. 3 Hours.

Phonetics and phonology of Spanish, evolution of Spanish from its Latin roots to the present, and general dialectal tendencies of the Spanish language from each of the Spanish-speaking nations in the Americas. Research project requires theoretically informed analysis of student-gathered data. Taught in Spanish.

SPAN-414. U.S. Latina/o Literature & Culture. 3 Hours.

This course supplements these offerings by focusing on the literary production of Hispanophone and Latino/a-identified writers and artists in the US, including native Latinos, exiles and immigrants. Assignments, lectures and discussion will center on questions of identity, culture, history, politics and aesthetics. Readings will offer a broad representation of writers from North America, South America, Central America and the Caribbean and will cover various genres including essays, novels, poetry and drama. The course is taught in Spanish with readings in Spanish and English. For students who are teaching or plan to teach, the course will also provide analysis of pedagogical methods in Latino/a studies.

SPAN-415. Andean Literature & Culture. 3 Hours.

Critical study of the literary and cultural production in the Andean region of South America, with special emphasis on the worldviews of its predominantly indigenous and mestizo populations. Taught in Spanish.

SPAN-416. Latin American Avant-Gardes. 3 Hours.

Critical study of experimental literature and art in 20th century in Latin America, with special emphasis on the historical avant-gardes (i.e., 1920s and 1930s), and their legacy on subsequent cultural production. Taught in Spanish.

SPAN-418. Novels Of The Mexican Revolution. 3 Hours.

This course explores the representation of the Mexican Revolution and its aftermath in Mexican literature, and the novel in particular. Conducted in Spanish.

SPAN-419. Topics In Contemporary Mexican Literature. 3 Hours.

This course offers a critical study of major works and currents in contemporary (1960s-present) Mexican literature, focusing on literary trends and the role of criticism in the reception and evaluation of works and literary movements. Taught in Spanish.

SPAN-420. Visión De América II. 3 Hours.

This course explores the images of and ideas about "America" contained primarily but not exclusively in literary works of the twentieth and twenty-first centuries. Must be taken within the first 12 hours of enrollment in the M.A. Program.

SPAN-421. Spanish Pedagogy: How To Teach Grammar, Vocabulary, Culture, Literature And Writing. 3 Hours.

This graduate level seminar will begin by briefly exploring the pedagogical history of language teaching: approaches, methods and techniques. The course will focus more specifically on the pedagogical challenges posed by the teaching of culture, literature, grammar, vocabulary, writing and conversation in the diversified classroom with students of varying levels of linguistic proficiency. The students will develop classroom skills and strategies by designing materials for these pedagogical issues. The students will be able to formulate contextualized lesson plans and assessment measures in accordance with the National Standards for Foreign Language Learning. The course is conducted entirely in Spanish.

SPAN-428. Topics In Pre-Columbian Art. 3 Hours.

Selected topics in Pre-Columbian art. Advanced research papers and presentations. Content changes. May be repeated for 6 credits. Taught in Spanish.

SPAN-431. Latin American Romanticism. 3 Hours.

Critical study of the origins, evolution and legacy of Romanticism in Latin American literature. Authors include José María Heredia, Gertrudis Gómez de Avellaneda, Ricardo Palma, Jorge Isaacs, José Mármol and Manuel de Jesús Galván and in particular their adaptation of Rousseau's project for a utopian society to a Latin American context.

SPAN-432. Latin American Modernismo. 3 Hours.

Critical study of the origins, evolution and legacy of Modernismo, the first autochthonous literary movement to emerge in Latin America. Authors include José Martí, Rubén Darío, Manuel Gutiérrez Nájera and Amado Nervo.

SPAN-433. José Martí. 3 Hours.

Critical perspectives on the life and work of Cuban poet, essayist and political philosopher José Martí (1853-1895).

SPAN-434. Latin American Magical Realism. 3 Hours.

Critical study of the origins, evolution and legacy of Magical Realism in Latin American Literature. Representative works by Alejo Carpentier, Miguel Ángel Asturias, Gabriel García Márquez, Isabel Allende, Cristina García, and Laura Restrepo.

SPAN-435. Gabriel García Márquez. 3 Hours.

Critical perspectives on the writings of Gabriel García Márquez, and in particular his seminal *One Hundred Years of Solitude*.

SPAN-436. Hablares En Contacto: El Español En Estados Unidos. 3 Hours.

Language change accelerates when two or more languages or dialects are in contact; such is the case between English and Spanish, and between different dialects of Spanish in the United States. This course will examine the lexical, structural, phonological, morphological and syntactic influences from English and various dialects of Spanish on U.S. Spanish, and their impact on the linguistic landscape and the construction of identity in the United States. Taught in Spanish.

SPAN-481. Contemporary Latin American Narrative. 3 Hours.

This course is a critical study of major works and currents of contemporary Latin American narrative, including novels, short stories, testimonial narrative, chronicles and narrative film. The course also focuses on the role of criticism in the reception and evaluation of narrative works. Taught in Spanish.

SPAN-485. Study Tour: Latin America. 3 Hours.

This course is designed as a seminar that culminates in a Study Tour to a Latin American country. Students will be able to research and discuss subjects related to the Study Tour before the trip and will continue exploring these subjects while visiting the country.

SPAN-5901. Thesis Hours. 1 Hour.**SPAN-5902. Thesis Hours. 2 Hours.****SPAN-5903. Thesis Hours. 3 Hours.**

Special Education (SPED)

Courses

SPED-201. Special Needs Child In The Inclusive Classroom. 3 Hours.

The course for pre-service elementary and middle school teachers presents the historical, philosophical and legal foundations of the continuum of services for special needs children. The characteristics of individuals with disabilities is presented within the context of Individual with Disabilities Act (IDEA). Also included is diversity of exceptional populations with implications for service delivery.

Special focus on: 1) developing sensitivity and understanding of the challenges experienced by students with special needs, 2) delivery of services to special needs students in the general education classroom, 3) collaboration between the general education and special education teacher for the benefit of all of the students in the classroom. Twenty hours of field experience and a twenty hour service learning project are required.

SPED-299B. Introduction To Disability. 3 Hours.

SPED-310. Characteristics Of Individuals With Learning Disabilities. 3 Hours.

Prerequisites: SPED-303 minimum grade of D and SPED-304 minimum grade of D.

SPED-316. Professional Development Of The Special Educator. 1 Hour.

Special Education 316 provides special education teacher candidates the opportunity to develop critical skills indicative of a prepared and highly qualified special educator. Candidates will demonstrate the foundational development of cultural competency/reciprocity to work with students from culturally/linguistically diverse (CLD) backgrounds, articulate specific practices/policies regarding professional obligations (e.g., child protection laws, digital etiquette and safety, rights on intellectual property and fair use), discuss collaborative approaches in working with various members of the school/home/community, examine the significance of self-initiated, continuous professional development and improvement for all educators and provide evidence of meeting the professional competencies required of a beginning special educator. **Prerequisites:** All Bachelor of Arts in Special Education coursework (Block I and II) prior to student teaching.

SPED-317. Inclusive Teaching Strategies. 1.5 Hour.

Inclusive Teaching Strategies is designed to provide pre-service teachers with an overview of curricular design and strategies used in teaching students with exceptional learning needs in inclusive elementary school classrooms. Specially designed instructional strategies include the integration of Universal Design for Learning (UDL) tenets to build differentiated learning structures which support learners of varying abilities. The course emphasizes curricular adaptation with focus on anchor skills within Common Core Student Standards (CCSS). The ability to develop instructional plans using multiple means of representation, engagement, and expression will be assessed.

SPED-323. Consultation In Special Education. 3 Hours.

This course is designed to foster effective communication skills in dealing with students, families, school professionals and outside agencies to build collaborative partnerships with an understanding of the roles of responsibilities of various stakeholders. Background, theory, and models of consultation and collaboration, co-teaching, pre-referral interventions and inclusion will be covered. Procedure for assuming leadership roles when planning and conducting collaborative meetings, parent participation and staff development will also be addressed.

SPED-371. Writing Intensive Program: Foundations Of Special Education. 3 Hours.

Presentation of the philosophical and historical foundations of the field of special education. Discussion of existing law, legal applications, current trends, practices, professional behavior and ethical considerations. Overview of methods of inquiry utilized by the profession. Development of professional writing skills used in the field of special education. This course meets the NEIU Writing Intensive requirement for majors in SPED.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

SPED-372. The Development & Characteristics Of Children And Youth With Exceptional Learning Needs. 3 Hours.

The development and characteristics of children and youth with exceptional learning needs is examined. Exceptionalities include but are not limited to Intellectual Disabilities, Learning Disabilities, Emotional and Behavior Disorders, ADD, Giftedness, Communication disorders, Physical Disabilities, Traumatic Brain Injury, Severe and Multiple Disabilities, Autism, Health Impairments, and Sensory impairments. Emphasis will be on understanding causes, theories and factors associated with the manifestation of various exceptional learning conditions.

Prerequisite: SPED-371 (<http://catalog.neiu.edu/search/?P=SPED-371>) minimum grade of C.

SPED-373. Teaching Learners With Special Needs I. 3 Hours.

This course includes specialized teaching methodologies appropriate for individuals with mild disabilities in the academic and social skills arena with emphasis on designing instruction to address students' cognitive, cultural, and affective growth. Emphasis will also be given to the development and planning of the individualized educational program (IEP). Strategies for informal assessment and the teaching of reading, written expression, mathematics, content areas, and social skill training will be addressed.

Prerequisite: SPED-371 (<http://catalog.neiu.edu/search/?P=SPED-371>) minimum grade of C.

SPED-374. Supervised Field Experience I. 3 Hours.

Students will be placed in a school setting, with supervision, to observe and help teach pupils with disabilities. Emphasis will be placed on higher incidence disabilities. Both primary and secondary school placements will be available.

Prerequisite: SPED-371 (<http://catalog.neiu.edu/search/?P=SPED-371>) minimum grade of C.

SPED-375. The Development And Characteristics Of Children And Youth With Lower Incidence Disabilities. 3 Hours.

The development and characteristics of children and youth with lower incidence disabilities is examined. Exceptionalities discussed include: Physical Disabilities, Traumatic Brain Injury, Severe and Multiple Disabilities, Autism, Health Impairments, and Sensory impairments. An overview of the assessment and diagnostic processes for the identification and educational treatment of these disabilities is offered.

Prerequisite: SPED-373 (<http://catalog.neiu.edu/search/?P=SPED-373>) minimum grade of C.

SPED-376. Teaching Learners With Moderate To Severe Disabilities. 3 Hours.

This course addresses methodologies for teaching individuals with moderate to severe disabilities. Emphasis will be given to the basics of instructional design across the academic and social arena, including assessing and prioritizing skills for instruction, writing goals and objectives and using antecedent and consequence based instructional procedures. The special needs of students with communication deficits, severe cognitive, health and physical disabilities will be addressed.

Prerequisite: SPED-373 (<http://catalog.neiu.edu/search/?P=SPED-373>) minimum grade of C.

SPED-377. Supervised Field Experience II. 3 Hours.

Candidates will be placed in a school setting, with supervision, to observe and help teach students with exceptional learning needs. Emphasis will be placed on assessment and the integration of technology appropriate for meeting the needs of diverse learners in the least restrictive environment.

Prerequisites: SPED-373 (<http://catalog.neiu.edu/search/?P=SPED-373>) minimum grade of C and SPED-374 (<http://catalog.neiu.edu/search/?P=SPED-374>) minimum grade of B.

SPED-378. Alternative Curriculum For Learners With Special Needs. 3 Hours.

This course surveys methods and procedures for educating students with lower incidence disabilities. Topics include Functional Curriculum, Transitional planning for adult life, Residential Settings, vocational options and instructional planning and design.

Prerequisite: SPED-373 (<http://catalog.neiu.edu/search/?P=SPED-373>) minimum grade of C.

SPED-379. Managing Behaviors In The Classroom. 3 Hours.

The principles of behavior management will be explored. Topics will include managing student progress, classroom management, student interventions, improving social skills, aggressive behavior, and working with autistic behaviors.

Prerequisite: SPED-372 (<http://catalog.neiu.edu/search/?P=SPED-372>) minimum grade of C.

SPED-380. Assessment Of Diverse Populations In Special Education. 4 Hours.

An overview of terminology, legislation, legal and ethical considerations regarding assessment in special education is first presented. Test construction and basic statistical concepts are reviewed. The relationship between screening, referral, diagnosis, placement and intervention are discussed. The effects of cultural-linguistic diversity on assessment performance are reviewed. Individual measures of adaptive behavior, language proficiency, cognitive ability and achievement are presented. Curriculum- Based assessment and behavioral observation strategies are studied.

Prerequisites: SPED-372 (<http://catalog.neiu.edu/search/?P=SPED-372>) minimum grade of C and SPED-375 (<http://catalog.neiu.edu/search/?P=SPED-375>) minimum grade of C.

SPED-381. Student Teaching Sped. 12 Hours.

Supervised classroom teaching experience combined with seminar discussions. Study of the school as a social unit; classroom management; the teacher's personal qualities; culture and personality dynamics; educational technology; parent relationships; diagnosis; suggested teaching techniques and curriculum organization.

SPED-382. Strategies For Differentiating Instruction For Students With Exceptional Learning Needs. 3 Hours.

This course focuses on evidence-based instructional strategies appropriate for individuals with disabilities who access the general education curriculum. Specialized strategies to build initial acquisition of knowledge and skills in the areas of reading, spoken and written language, mathematics, social/emotional development, and study skills will be addressed, as well as techniques across the curriculum that enable meaningful inclusion of individuals with a range of abilities. Emphasis will also be given to the development and planning of the individualized educational program (IEP).

Prerequisite: SPED-371 (<http://catalog.neiu.edu/search/?P=SPED-371>) minimum grade of B.

SPED-383. Informal Assessment And Progress Monitoring. 3 Hours.

Special Education 383 establishes an understanding of the principles of assessment as a means to evaluate and address the academic and/or behavioral needs of students at-risk and students with disabilities. The course provides candidates the opportunity to develop professional skills in assessment administration, score interpretation of psychometric and curriculum-based measurements (CBM); use outcome data results to plan instruction, appropriate accommodations and modifications, monitor student progress, and use assessment data for problem-solving decision making and special education eligibility.

Prerequisite: SPED-382 (<http://catalog.neiu.edu/search/?P=SPED-382>) minimum grade of C.

SPED-384. Instructional Design For Individuals With Exceptional Learning Needs. 3 Hours.

This course focuses on establishing an evidence-based framework for instructional planning appropriate for individuals with exceptional learning needs and grounded in the community assets and real life issues of the learner. Content will address critical features of instructional design including the impact of various cognitive processes and diversity characteristics that impact student learning. Emphasis will be on the developing short-and long-term objectives in an instructional sequence that supports learners' academic and social/emotional learning as well as language/communication needs.

Prerequisite: SPED-382 (<http://catalog.neiu.edu/search/?P=SPED-382>) minimum grade of D.

SPED-385. Community Partnership And Advocacy. 2 Hours.

This course provides undergraduate candidates the opportunity to work collaboratively with peers and community partners to identify needs in Chicago and area communities through service learning projects. Candidates will examine key components in the development of effective community partnerships and the cultivation of advocacy/ leadership skills on behalf of students with exceptionalities. Candidates will engage in establishing partnerships among private and/or public organizations for the purposes of evaluating and improving the family-school-community relationship.

Prerequisites: SPED-377 (<http://catalog.neiu.edu/search/?P=SPED-377>) minimum grade of B and SPED-379 (<http://catalog.neiu.edu/search/?P=SPED-379>) minimum grade of C.

SPED-390. Educating Persons With Autism. 3 Hours.

Prerequisite: SPED-304 minimum grade of D.

SPED-395. Technology And Special Education. 3 Hours.

Prerequisites: SPED-372 (<http://catalog.neiu.edu/search/?P=SPED-372>) minimum grade of C and SPED-375 (<http://catalog.neiu.edu/search/?P=SPED-375>) minimum grade of C and SPED-378 (<http://catalog.neiu.edu/search/?P=SPED-378>) minimum grade of C and (SPED-304 minimum grade of D or SPED-404 (<http://catalog.neiu.edu/search/?P=SPED-404>) minimum grade of D).

SPED-400. Vocational/Career Planning For Adolescents With Disabilities. 3 Hours.

Issues in vocation/career planning for special education secondary students utilizing assessment information, interest, and aptitude findings for vocational/ career planning, including methodology, material, resources, and alternative programs.

Prerequisite: SPED-404 (<http://catalog.neiu.edu/search/?P=SPED-404>) minimum grade of C.

SPED-404. Survey Of The Field Of Special Education. 3 Hours.

Review of the legal, psychological, sociological and educational aspects of the lives of children and youth with disabilities including the learning disabled. For students needing 100 hours of clinical experience, arrangements will be made through SPED-404 (<http://catalog.neiu.edu/search/?P=SPED-404>).

SPED-451. Creativity. 3 Hours.

Discussion and inquiry into the nature and nurture of creative ability, review of research in creativity, practical application of creative processes, ways to develop creative thinking.

SPED-454. Teaching Gifted Students In The Regular Classroom. 3 Hours.

Overview of teaching strategies, materials and classroom organization to enhance and foster the potential of student who are gifted and talented.

SPED-466. Assessing Students With Limited English Proficiency (LEP) And Disabilities. 3 Hours.

This course provides an overview of strategies and instruments that can be used to assess the academic and social behavior of pupils with limited English proficiency identified as or suspected of having special education needs.

Prerequisites: SPED-404 (<http://catalog.neiu.edu/search/?P=SPED-404>) minimum grade of C and SPED-409 minimum grade of C and SPED-410 minimum grade of C.

SPED-467. Teaching Students With Limited English Proficiency (LEP) And Disabilities. 3 Hours.

This course will provide a theoretical framework to critically analyze the problems faced by students with LEP and special needs. The focus of the course is on instructional practices and approaches which seem to be effective with handicapped language minority students.

Prerequisites: SPED-404 (<http://catalog.neiu.edu/search/?P=SPED-404>) minimum grade of C and SPED-409 minimum grade of C and SPED-410 minimum grade of C.

SPED-470. Administration And Supervision In Special Education. 3 Hours.

Introduction to special education administration including legal and financial aspects, staff and community relations, mainstreaming, facilities and curricular design; students will have an opportunity to solve problems using case studies and simulated materials.

SPED-481. Principles Of Diagnosis And Teaching The Child With Special Needs Aged Three To Six Years. 3 Hours.

Principles of diagnosis and teaching the young child with special needs. Aspects of assessment include screening, formal and informal tests, and use of diagnostic information to plan individualized educational program. Theory and practice of teaching techniques for the young child with special needs; discussion of the role of the special education teacher in working with other members of the multidisciplinary team and with parents. Current research and issues.

SPED-482. Principles Of Diagnosis & Teaching The Child With Special Needs: Birth To Six Years. 3 Hours.

This course applies the principles of diagnosis and teaching infants, toddlers and young children with special needs. Students will use diagnostic information to design an individual family service plan and individualized education program. Topics include theory and practice of instructional techniques, adaptations, and modifications for infants, toddlers and young children with special needs. Course content will also address the role of the special educator in working with other members of the multidisciplinary team and with parents. Current research and issues will be reviewed.

SPED-483. Working With Parents Of Young Children With Special Needs. 3 Hours.

This course will develop skill in working with families of young (birth to six year old) children with special needs. Issues such as family systems approaches, communication skills, parent empowerment, legal rights and working with service agencies are covered.

SPED-484. Psychology Of Language And Cognitive Development. 3 Hours.

This course introduces the student to the basic concepts of developmental psycholinguistics and the principles of intervention in language processes.

SPED-488. Practicum In Early Childhood Special Education: Teaching Young Children With Special Needs. 3 Hours.

Advanced supervised professional clinical experience in educating young infants, toddlers, or preschoolers with special needs in an appropriate setting; seminar discussions.

Prerequisites: SPED-481 (<http://catalog.neiu.edu/search/?P=SPED-481>) minimum grade of C and SPED-482 (<http://catalog.neiu.edu/search/?P=SPED-482>) minimum grade of C and SPED-483 (<http://catalog.neiu.edu/search/?P=SPED-483>) minimum grade of C and SPED-502 (<http://catalog.neiu.edu/search/?P=SPED-502>) minimum grade of C and (ECED-403 (<http://catalog.neiu.edu/search/?P=ECED-403>) minimum grade of C or ECED-338 (<http://catalog.neiu.edu/search/?P=ECED-338>) minimum grade of C).

SPED-490. Research Seminar In Special Education. 3 Hours.

Review of research literature on special problems in exceptionality. Research project under the supervision of a faculty advisor.

SPED-491. Thesis Credit In Special Education. 3 Hours.

Research project within the area of applicant's field of specialization.

SPED-494. Research Seminar In Exceptionality. 3 Hours.

Experimental method applied in a group research project in a specialized area of exceptionality.

SPED-500. Research I:Special Education. 3 Hours.

Communicate orally and in writing about the current research in the field of special education and how it affects the lives of individuals with special needs.

SPED-501. Characteristics Of Disabilities. 3 Hours.

Review the psychological, sociological and educational aspects of the lives of children and youths with disabilities.

Prerequisite: SPED-500 (<http://catalog.neiu.edu/search/?P=SPED-500>) minimum grade of C.

SPED-502. Language, Learning And Cognition. 3 Hours.

This is a graduate level human development course emphasizing cognitive and language development and acquisition and how these processes impact learning throughout the lifespan. Major learning theories and their implications for practice will be examined. Candidates will examine course concepts from the vantage point of supporting the learning of diverse students.

Prerequisite: SPED-500 (<http://catalog.neiu.edu/search/?P=SPED-500>) minimum grade of C.

SPED-503. Foundations Of Special Education. 3 Hours.

This course examines the historical, philosophical and legal aspects of education that have defined the field of special education.

Prerequisite: SPED-500 (<http://catalog.neiu.edu/search/?P=SPED-500>) minimum grade of C.

SPED-504. Assessment I:Principles Of Educational Assessment In Special Education. 4 Hours.

Special Education 504 establishes a foundational understanding of the principles of assessment. The course presents formal and informal assessment as a means to evaluate and address the academic and/or behavioral needs of students with disabilities. Specifically, the course provides candidates the opportunity to develop professional skills in assessment administration, score interpretation of psychometric and curriculum-based measurements (CBM), utilizing ascertained score results to plan instruction and monitor student progress, a working understanding of the principles and practices of Response to Intervention (RTI), and an attuned understanding of critical considerations in working with students from culturally/linguistically diverse (CLD) backgrounds.

Prerequisites: SPED-500 (<http://catalog.neiu.edu/search/?P=SPED-500>) minimum grade of C and SPED-501 (<http://catalog.neiu.edu/search/?P=SPED-501>) minimum grade of C and SPED-502 (<http://catalog.neiu.edu/search/?P=SPED-502>) minimum grade of C and SPED-503 (<http://catalog.neiu.edu/search/?P=SPED-503>) minimum grade of C.

SPED-505. Consultation & Collaboration. 3 Hours.

This course prepares the special educator to develop collaborative relationships with a variety of stakeholders and to serve as an informed professional resource for school personnel and families. Topics covered include inclusion, consultation needs, conferencing techniques, collaboration models, in-service education and parent education supports and programs. Also, issues, resources and strategies for integration and transition of students from most restrictive to least restrictive environments will be addressed with emphasis on students who exhibit behavioral challenges.

Prerequisites: SPED-500 (<http://catalog.neiu.edu/search/?P=SPED-500>) minimum grade of C and SPED-501 (<http://catalog.neiu.edu/search/?P=SPED-501>) minimum grade of C and SPED-502 (<http://catalog.neiu.edu/search/?P=SPED-502>) minimum grade of C and SPED-503 (<http://catalog.neiu.edu/search/?P=SPED-503>) minimum grade of C.

SPED-506. Instructional & Assistive Technology In Special Education. 3 Hours.

This course prepares special educators to understand, implement and utilize technology, fostering learning and social outcomes within the context of the Least Restrictive Environment. The course examines special technology used in the assessment and implementation of technology. The legal ramifications of selecting and operating assistive devices are also covered. The relationship of technology theory is also included.

Prerequisites: SPED-500 (<http://catalog.neiu.edu/search/?P=SPED-500>) minimum grade of C and SPED-501 (<http://catalog.neiu.edu/search/?P=SPED-501>) minimum grade of C and SPED-502 (<http://catalog.neiu.edu/search/?P=SPED-502>) minimum grade of C and SPED-503 (<http://catalog.neiu.edu/search/?P=SPED-503>) minimum grade of C.

SPED-507. Internship I: Fundamentals Of Teaching. 2 Hours.

Candidates work on-site in special education programs where services are provided for children and youths with special needs with mild to moderate disabilities. The focus of this internship is on assessing student learning needs and making sound instructional recommendations for students with disabilities who access the general education curriculum. Field-based settings allow candidates to engage in assessment, lesson planning and collaborative activities in school settings.

Prerequisites: SPED-500 (<http://catalog.neiu.edu/search/?P=SPED-500>) minimum grade of C and SPED-501 (<http://catalog.neiu.edu/search/?P=SPED-501>) minimum grade of C and SPED-503 (<http://catalog.neiu.edu/search/?P=SPED-503>) minimum grade of C and SPED-504 (<http://catalog.neiu.edu/search/?P=SPED-504>) minimum grade of C.

SPED-508. Methods II: General Curriculum & Methods In Special Education. 3 Hours.

This course addresses general principles of teaching, including the modifications/ adaptations for individuals (P-21) with disabilities who access the general education curriculum. Candidates will apply individualized goals and planning in the context of the general education curriculum.

Prerequisites: SPED-506 (<http://catalog.neiu.edu/search/?P=SPED-506>) minimum grade of C and LTCY-402 (<http://catalog.neiu.edu/search/?P=LTCY-402>) minimum grade of C.

SPED-509. Methods I: Specialized Curriculum & Methods In Special Education. 3 Hours.

This course develops candidates' ability to understand the theoretical basis for and implementation of evidence-based strategies to facilitate the meaningful inclusion of students with mild to moderate disabilities in the least restrictive environment. Methodology and strategies to promote development of reading, oral and written expression in the content areas, including language arts, mathematics, science and social studies instruction will be addressed, as well as strategies to support students' social and emotional development. Candidates will demonstrate understanding of Universal Design for Learning to address individual student needs including individual educational goals and objectives.

Prerequisites: SPED-500 (<http://catalog.neiu.edu/search/?P=SPED-500>) minimum grade of C and SPED-501 (<http://catalog.neiu.edu/search/?P=SPED-501>) minimum grade of C and SPED-503 (<http://catalog.neiu.edu/search/?P=SPED-503>) minimum grade of C and SPED-504 (<http://catalog.neiu.edu/search/?P=SPED-504>) minimum grade of C.

SPED-510. Methods III: Strategies Of Behavior Management. 3 Hours.

Application of applied behavior analysis, developmental, cognitive, and other contemporary approaches for behavior management within the context of the Least Restrictive Environment.

Prerequisites: SPED-504 (<http://catalog.neiu.edu/search/?P=SPED-504>) minimum grade of C and SPED-505 (<http://catalog.neiu.edu/search/?P=SPED-505>) minimum grade of C and SPED-506 (<http://catalog.neiu.edu/search/?P=SPED-506>) minimum grade of C and SPED-507 (<http://catalog.neiu.edu/search/?P=SPED-507>) minimum grade of C.

SPED-511. Methods IV: Alternative Programming And Curriculum In Special Education. 3 Hours.

This course addresses the programming and curriculum issues for students with moderate to severe disabilities who, because of the nature of their disabilities require alternative programs and/or curriculum adaptations within the context of the Least Restrictive Environment.

Prerequisites: SPED-507 (<http://catalog.neiu.edu/search/?P=SPED-507>) minimum grade of C and SPED-509 (<http://catalog.neiu.edu/search/?P=SPED-509>) minimum grade of C.

SPED-512. Internship II: Intermediate Teaching. 2 Hours.

The purpose of SPED-512 (<http://catalog.neiu.edu/search/?P=SPED-512>) is to involve candidates in working on site in special education programs where services are provided for children and youths with moderate to severe disabilities. It provides initial special education candidates opportunities to apply and reflect upon elements of teaching including instructional design based on the strengths, characteristics, cultural assets and needs of the learner, assessment of student learning, engagement of the learner and implementation of evidence-based strategies in the field. Candidates will learn more about the collaborative role special educators play within the context of the Least Restrictive Environment.

Prerequisites: SPED-507 (<http://catalog.neiu.edu/search/?P=SPED-507>) minimum grade of C and SPED-509 (<http://catalog.neiu.edu/search/?P=SPED-509>) minimum grade of C.

SPED-513. Assessment II: Applied Diagnostic Testing. 3 Hours.

Techniques of testing and interpretation of tests in educational diagnosis, familiarity with commonly used assessment instruments, techniques and practice in administering individual diagnostic tests, methods of informal assessment, and interpretation of clinical reports.

Prerequisites: SPED-508 (<http://catalog.neiu.edu/search/?P=SPED-508>) minimum grade of C and SPED-509 (<http://catalog.neiu.edu/search/?P=SPED-509>) minimum grade of C and SPED-510 (<http://catalog.neiu.edu/search/?P=SPED-510>) minimum grade of C and SPED-511 (<http://catalog.neiu.edu/search/?P=SPED-511>) minimum grade of C.

SPED-514. Student Teaching In Special Education. 3 Hours.

The candidate will participate in supervised professional experiences in a school setting as a candidate teacher of pupils with disabilities (5-21) in the Least Restrictive Environment. Applied teaching will be combined with seminar discussions and required assignments.

Prerequisites: SPED-513 (<http://catalog.neiu.edu/search/?P=SPED-513>) minimum grade of C and SPED-508 (<http://catalog.neiu.edu/search/?P=SPED-508>) minimum grade of C and SPED-509 (<http://catalog.neiu.edu/search/?P=SPED-509>) minimum grade of C and SPED-510 (<http://catalog.neiu.edu/search/?P=SPED-510>) minimum grade of C and SPED-511 (<http://catalog.neiu.edu/search/?P=SPED-511>) minimum grade of C.

SPED-514B. Applied Diagnostic Teaching In Special Education. 3 Hours.

The candidate will participate in supervised professional experiences in the William Itkin Children's Service Clinic in the role as a graduate clinician. Diagnostic teaching will be combined with seminar discussions and required activities.

Prerequisites: SPED-508 (<http://catalog.neiu.edu/search/?P=SPED-508>) minimum grade of C and SPED-509 (<http://catalog.neiu.edu/search/?P=SPED-509>) minimum grade of C and SPED-510 (<http://catalog.neiu.edu/search/?P=SPED-510>) minimum grade of C and SPED-511 (<http://catalog.neiu.edu/search/?P=SPED-511>) minimum grade of C and SPED-513 (<http://catalog.neiu.edu/search/?P=SPED-513>) minimum grade of C.

SPED-516. Professional Development Of The Special Educator. 1 Hour.

SPED-516 (<http://catalog.neiu.edu/search/?P=SPED-516>) provides special education teacher candidates the opportunity to develop critical skills indicative of a prepared and highly qualified special educator. Candidates will demonstrate the foundational development of cultural competency/reciprocity to work with students from culturally/linguistically diverse (CLD) backgrounds, articulate specific practices/policies regarding professional obligations (e.g., child protection laws, digital etiquette and safety, rights on intellectual property and fair use), discuss collaborative approaches in working with various members of the school/home/community, examine the significance of self-initiated, continuous professional development and improvement for all educators and provide evidence of meeting the professional competencies required of a beginning special educator. Prereq.: All Master of Arts in Special Education coursework (Block I, II and III) prior to student teaching.

SPED-518. Practicum In Special Education. 3 Hours.

The candidate will participate in supervised professional experiences in a school setting as a candidate teacher of pupils with disabilities (5-21) in the Least Restrictive Environment. Applied teaching will be combined with seminar discussions and required assignments.

Prerequisites: SPED-501 (<http://catalog.neiu.edu/search/?P=SPED-501>) minimum grade of C and SPED-503 (<http://catalog.neiu.edu/search/?P=SPED-503>) minimum grade of C and SPED-506 (<http://catalog.neiu.edu/search/?P=SPED-506>) minimum grade of C and SPED-504 (<http://catalog.neiu.edu/search/?P=SPED-504>) minimum grade of C and SPED-509 (<http://catalog.neiu.edu/search/?P=SPED-509>) minimum grade of C and SPED-510 (<http://catalog.neiu.edu/search/?P=SPED-510>) minimum grade of C and SPED-511 (<http://catalog.neiu.edu/search/?P=SPED-511>) minimum grade of C and SPED-513 (<http://catalog.neiu.edu/search/?P=SPED-513>) minimum grade of C.

SPED-519. Collaborative Relationships In Special Education. 3 Hours.

SPED-519 (<http://catalog.neiu.edu/search/?P=SPED-519>) prepares advanced credential special education candidates to develop skills and dispositions, which promote leadership in collaborative relationships relating to students with disabilities in school settings. Collaboration with a variety of stakeholders, including peer teachers, parents, community agencies, and related service providers, will be examined. Topics covered include the culture of schools, conferencing techniques, mentoring new teachers, and in-service education. Clinical experience involves mentoring a novice special education teacher.

SPED-520. Assessment Lab-Applied Diagnostic Assessment. 2 Hours.

The special education graduate programs aim to develop knowledgeable, reflective, and responsive professionals who build learning communities by facilitating cognitive, cultural, affective, and social growth. SPED-520 (<http://catalog.neiu.edu/search/?P=SPED-520>) contributes to this process by providing opportunities for graduate students to apply diagnostic assessment in the parameters of a clinical setting. Graduates students will apply assessment principles to yield quantitative/qualitative results to design an instructional sequence and demonstrate professional reflection and analysis based on video recorded clinical performance.

Prerequisites: SPED-504 (<http://catalog.neiu.edu/search/?P=SPED-504>) minimum grade of C and SPED-508 (<http://catalog.neiu.edu/search/?P=SPED-508>) minimum grade of C and SPED-509 (<http://catalog.neiu.edu/search/?P=SPED-509>) minimum grade of C and SPED-511 (<http://catalog.neiu.edu/search/?P=SPED-511>) minimum grade of C.

SPED-521. Issues & Interventions For Individuals With Autism Spectrum Disorder, Social Communication Disorder. 3 Hours.

This course presents the knowledge and skills necessary for the professional to understand issues and demonstrate interventions appropriate for individuals with Autism, PDD, and low incidence disorders and syndromes. Content will address cognitive, language, and behavioral/social characteristics, methods and applications in working with and on behalf of these individuals. Emphasis will be on supporting and promoting improvements in the areas of behavior and communication.

Prerequisites: SPED-522 (<http://catalog.neiu.edu/search/?P=SPED-522>) minimum grade of C and SPED-523 (<http://catalog.neiu.edu/search/?P=SPED-523>) minimum grade of C.

SPED-522. Foundations & Practices In Challenging Behaviors. 3 Hours.

This course presents the knowledge and skills necessary for the professional to understand the philosophical, historical and legal foundations addressing the management of behavior and to apply various individual and group strategies to meet the needs of individuals who demonstrate challenging behavior in a variety of educational settings.

SPED-523. Educational Assessment & Planning For Positive Behavior Management. 3 Hours.

This course presents the knowledge and skills necessary for the professional to interpret various methods of assessment and diagnoses in order to meet the individual needs of students with emotional and behavioral disorders.

SPED-524. Practicum In Behavior Disorders. 3 Hours.

This course involves candidates in working on-site in special education programs where services are provided for children and youths with behavioral disorders. Through guided support, candidates employ the advanced elements of behavioral intervention and planning, including the assessment and diagnosis of behavioral disorders and use of functional behavioral analyses (FBA) to support effective intervention strategies. These elements will be applied in field-based settings to allow students, through direct interaction and facilitation of learning, to learn more about the children and youths' characteristics and needs and school-based programming within the context of the least restrictive environment (LRE).

Prerequisites: SPED-522 (<http://catalog.neiu.edu/search/?P=SPED-522>) minimum grade of C and SPED-521 (<http://catalog.neiu.edu/search/?P=SPED-521>) minimum grade of C and SPED-523 (<http://catalog.neiu.edu/search/?P=SPED-523>) minimum grade of C.

SPED-525. Alternative Assessment & Test Accommodations. 3 Hours.

This course presents the knowledge and skills necessary for the professional to apply various methods of assessment in order to meet the individual needs of students with disabilities. Content will address alternative assessment methods, test accommodations, and applied curriculum based assessment. The instructor will model collaboration and consultation skills for working with families and other professionals.

SPED-526. Adaptations Of Curriculum. 3 Hours.

This course provides instruction to students in making adaptations and accommodations to the general curriculum based on an understanding of the academic and non-academic needs of learners with special needs. It prepares the learner to understand how students differ in their approaches to learning, and how to design and adapt instruction to engage all learners, promote positive interactions and develop students' intellectual, social and personal development. Course content will also address sources of specialized materials and resources for assistive technology. Methodology to support the curriculum infusion of real life issues will also be addressed.

SPED-527. Language Based Disorders. 3 Hours.

This course addresses the development of auditory and visual symbol systems from the perspective of psycho-neurological learning research. Listening, speaking, reading and written language will be covered. The relationship of these symbol systems to the underlying semiotic function will be emphasized. Diagnosis and remediation of disorders of auditory and visual symbol systems will be covered in depth.

SPED-528. Teaching Mathematics To Individuals With Special Needs. 3 Hours.

This course will address the issues of assessment and remediation in mathematics for individuals with special needs. It is based on the understanding that competence in mathematics is a necessity for effective resolution of psychosocial and cognitive developmental life tasks, and as a means of assuring a good quality of life. Candidates will examine the scope and sequence of mathematics curriculum, assessment of mathematics-based learning disabilities, and strategies for teaching mathematics to learners with special needs.

SPED-529. Curriculum Practicum. 3 Hours.

This course provides opportunities for students to employ, under supervision, methods and procedures useful for the successful support of learners with special needs in the regular education curriculum. Such guided experiences include the use and modification of assessments, development of curriculum for an individual learner, modification and adaptation of curriculum appropriate to the students learning style, modification of learning environments to meet individual needs, monitoring and assessing the success of curriculum adaptations as well as the selection of research supported instructional strategies.

Prerequisites: SPED-526 (<http://catalog.neiu.edu/search/?P=SPED-526>) minimum grade of C and SPED-527 (<http://catalog.neiu.edu/search/?P=SPED-527>) minimum grade of C and SPED-525 (<http://catalog.neiu.edu/search/?P=SPED-525>) minimum grade of C.

SPED-530. Capstone Project. 3 Hours.

This course requires candidates for the LBS II Masters Program to apply relevant research to their area of inquiry and utilize this research to write a master's level research paper or conduct an applied clinical/action research project. While papers and projects are individual in nature, each candidate is expected to follow a prescribed procedure under the direct guidance and supervision of the instructor.

Prerequisites: (SPED-525 (<http://catalog.neiu.edu/search/?P=SPED-525>) minimum grade of C and SPED-526 (<http://catalog.neiu.edu/search/?P=SPED-526>) minimum grade of C and SPED-527 (<http://catalog.neiu.edu/search/?P=SPED-527>) minimum grade of C and SPED-528 (<http://catalog.neiu.edu/search/?P=SPED-528>) minimum grade of C) or (SPED-505 (<http://catalog.neiu.edu/search/?P=SPED-505>) minimum grade of C and SPED-521 (<http://catalog.neiu.edu/search/?P=SPED-521>) minimum grade of C and SPED-522 (<http://catalog.neiu.edu/search/?P=SPED-522>) minimum grade of C and SPED-523 (<http://catalog.neiu.edu/search/?P=SPED-523>) minimum grade of C).

Swahili (SWAH)

Courses

SWAH-101. Swahili I. 3 Hours.

Development of basic skills in listening, speaking, reading and writing. Culture appreciation.

SWAH-102. Swahili II. 3 Hours.

Continuation of SWAH-101 (<http://catalog.neiu.edu/search/?P=SWAH-101>).

Tchng Engl Second Lang (TESL)

Courses

TESL-109A. First Year Experience: Chicago Speaks: Helping Immigrants Communicate. 3 Hours.

In this course, the four foundations (Future Planning, Academics, Self-Discovery and Transitions) of the First-Year Experience are interwoven with the field specific concepts and terminology of teaching English as a second language (TESL). This course introduces the structure of the English language and methods of teaching it to speakers of other languages. This involves investigating the pronunciation and grammar of English as well as looking at ways to teach these subjects along with listening, speaking, reading and writing skills to English Language Learners (ELLs). The course will involve a service learning component in which students will tutor ELLs in various sites throughout Chicagoland. As students study the basics of teaching English as a second language, they will develop academic skills that will contribute to their success in college and beyond.

TESL-301. The English Language For Teachers. 3 Hours.

All language teachers must understand how the English language works and must be able to describe how it works. This course is designed for future teachers of the English language. It covers the structure of sounds, words, phrases, and sentences; language use; and the structure of meaning of the English language, with applications of each topic to the teaching of the English language and English language arts. The history of the English language will also be included, as background to English word and sentence structure.

TESL-310. English Grammar: Description & Instruction. 3 Hours.

All teachers of English as a second or foreign language must have a good descriptive knowledge of English grammar as well as an arsenal of techniques for instructing their students. This course is intended to help future ESL/EFL teachers develop an understanding of the structure of English sentences and the problems that non-native students face when learning English grammar. This course will also investigate ways of teaching grammar to English language learners.

Prerequisite: TESL-301 (<http://catalog.neiu.edu/search/?P=TESL-301>) minimum grade of D.

TESL-320A. Language & Culture: General. 3 Hours.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C.

TESL-320D. Language & Culture: Japan. 3 Hours.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C.

TESL-320G. Language & Culture: Southeast Asia. 3 Hours.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C.

TESL-320H. Language & Culture: Thailand. 3 Hours.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C.

TESL-320K. Language & Culture: Latin America. 3 Hours.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C.

TESL-320N. Language & Culture: Native American. 3 Hours.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C.

TESL-320O. Language & Culture: Afro-American. 3 Hours.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C.

TESL-320P. Language & Culture: The Deaf. 3 Hours.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C.

TESL-320Q. Language & Culture: Maya. 3 Hours.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C.

TESL-321. 1st & 2nd Language Acquisition. 3 Hours.

Survey of recent theories and research on children's acquisition of phonological, morphological, syntactic, semantic and pragmatic systems of their first language. Survey of recent theories and research on second language acquisition.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C.

TESL-330. Language, Society, And Education. 3 Hours.

Researchers who study the relationship between language and society or culture are in a unique position to provide insight into language- and culture-related social problems. This course is based on the notion that many educational problems are related to differences between students' home language or dialect and the "official" school variety. It examines the relationship between language, society, and culture with particular attention to how factors such as class, gender, race, and ethnicity impact student performance in the classroom. Issues of identity, bilingualism, and language prejudice will also be addressed.

Prerequisite: TESL-301 (<http://catalog.neiu.edu/search/?P=TESL-301>) minimum grade of D.

TESL-340. Practices & Procedures. 3 Hours.

Practices and techniques related to the teaching of English as a second language, in ESL or bilingual education programs; meant for those students who are not yet teaching in the field.

TESL-341. Principles Of Language Teaching. 3 Hours.

Theories and principles underlying the teaching of English as a second language to limited-English speaking children and adults. Survey of various methodologies in second language teaching and bilingual education. Reviews relationships between language and culture and discusses the major problems in language education.

TESL-343. TESL Assessment. 3 Hours.

Testing and Assessment as they relate to limited English proficiency students; information on instruments and procedures for testing language and cognitive development; proficiency, placement and achievement testing. Students look at well known standardized testing devices such as the bilingual syntax measure and the TOEFL test, at cultural and instrumental bias in testing, and at procedures for writing and evaluating classroom tests and various test item types.

Prerequisite: (TESL-340 (<http://catalog.neiu.edu/search/?P=TESL-340>) minimum grade of C or LING-340 minimum grade of C) or (TESL-341 (<http://catalog.neiu.edu/search/?P=TESL-341>) minimum grade of C or LING-341 minimum grade of C).

TESL-345. Linguistics & Reading. 3 Hours.

Relationship between language structure and the reading process with emphasis on the practical problems such as the variety of dialectally different sound-symbol-correspondences in English, the perception of speech sounds, the reader's interpretation of syntactic and semantic structures, various alphabetic systems for teaching reading. Designed to be useful to the in-service classroom teacher as well as to undergraduates.

Prerequisite: LING-201 (<http://catalog.neiu.edu/search/?P=LING-201>) minimum grade of C.

TESL-399. Clinical Experience In TESL. 1 Hour.

This course is designed to provide on-site experience in teaching English to non-native speakers in grades K-12. Students will observe and work with a master teacher and be supervised by a TESL/TEFL professor. Student will engage in classroom discussion and various projects based on their classroom work.

Prerequisite: TESL-340 (<http://catalog.neiu.edu/search/?P=TESL-340>) minimum grade of C or LING-340 minimum grade of C.

TESL-402. Principles Of Linguistics For Teachers. 3 Hours.

This course examines the components of the science of language and how these relate to teaching English as a second/foreign language. Although the emphasis is on the linguistic components of English, a comparison with other languages and implications for teaching a second/foreign language will be integral to the course. Among other topics, it will cover English phonetics, phonology, morphology, syntax, and semantics and offer classroom-oriented applications of linguistic principles for effective instruction of English as a second or foreign language.

TESL-406. Adult Needs, Design And Assessment. 3 Hours.

Adult English language learners represent a wide variety of linguistic backgrounds, cultural experiences and personal needs. They may learn English for survival/life skills, job improvement or academic preparation. This course provides instructors with an appreciation for cross-cultural learners and their communication skills. In addition, this course looks at adult program options and their relationship to curriculum design. Principles of assessment, and varied assessment tools used in the adult education setting will also be addressed. Website tools aiding course management, assessment and self-study will be utilized.

Prerequisite: TESL-410 (<http://catalog.neiu.edu/search/?P=TESL-410>) minimum grade of B.

TESL-409. Research Design & Methods. 3 Hours.

Survey course, reviewing the major trends and methodologies used in linguistics, language acquisition, and language teaching. Exploration of quantitative approaches used in language-specific inquiry through the examination of a variety of studies from the literature, their questions, their underlying assumptions, and their design. Prior knowledge of statistics is not required.

Prerequisite: TESL-402 (<http://catalog.neiu.edu/search/?P=TESL-402>) minimum grade of C.

TESL-410. Techniques Of Teaching English As A Second Language. 3 Hours.

Survey of techniques specifically relevant to the teaching of English as a second language. Questions relating to the design and sequencing of ESL courses, to procedures for evaluation of ESL students and to criteria for choosing, adapting and creating teaching materials.

Prerequisites: (TESL-414 (<http://catalog.neiu.edu/search/?P=TESL-414>) minimum grade of C or LING-414 minimum grade of C) and TESL-402 (<http://catalog.neiu.edu/search/?P=TESL-402>) minimum grade of C.

TESL-414. Theories Of Teaching English As A Second Language. 3 Hours.

Survey of theories of the teaching and learning of English as a second or foreign language. A look at the historical growth and development of second language methodologies from grammar-translation and the direct method, through the audio-lingual method and its offspring, and up to the current natural and eclectic period.

TESL-420. Structure Of Modern English. 3 Hours.

Description and analysis of the major grammatical structures of spoken and written English in light of traditional and descriptivist theories. This course covers practical issues and procedures involved in teaching grammar to ESL/EFL learners.

Prerequisite: TESL-402 (<http://catalog.neiu.edu/search/?P=TESL-402>) minimum grade of C.

TESL-426. Advanced Linguistic Analysis. 3 Hours.

Advanced analysis of the structure of language, including phonology, morphology, syntax and semantics. Each topic will be explored through detailed analysis and comparison of data from a variety of languages in addition to English.

Prerequisite: TESL-402 (<http://catalog.neiu.edu/search/?P=TESL-402>) minimum grade of C.

TESL-427. Pedagogical And Social Aspects Of Pronunciation. 3 Hours.

This course covers practices and procedures involved in helping English Language Learners (ELLs) improve their intelligibility and increase their speech perception. Through an applied approach, students will develop a deeper understanding of English phonetics and phonology at both the segmental and prosodic levels. They will learn how to apply this knowledge to teaching pronunciation to English language learners (ELLs) of all ages. The course will also cover societal attitudes about accent through an investigation of current research.

Prerequisites: TESL-402 (<http://catalog.neiu.edu/search/?P=TESL-402>) minimum grade of C and TESL-414 (<http://catalog.neiu.edu/search/?P=TESL-414>) minimum grade of C and TESL-410 (<http://catalog.neiu.edu/search/?P=TESL-410>) minimum grade of C.

TESL-430B. Structure Of Language: Latin. 3 Hours.

Prerequisites: TESL-402 (<http://catalog.neiu.edu/search/?P=TESL-402>) minimum grade of C and TESL-420 (<http://catalog.neiu.edu/search/?P=TESL-420>) minimum grade of C and TESL-426 (<http://catalog.neiu.edu/search/?P=TESL-426>) minimum grade of C.

TESL-430C. Structure Of Language: Lakhota. 3 Hours.

Prerequisites: TESL-402 (<http://catalog.neiu.edu/search/?P=TESL-402>) minimum grade of C and TESL-420 (<http://catalog.neiu.edu/search/?P=TESL-420>) minimum grade of C and TESL-426 (<http://catalog.neiu.edu/search/?P=TESL-426>) minimum grade of C.

TESL-430D. Structure Of Language: Rotuman. 3 Hours.

Prerequisites: TESL-402 (<http://catalog.neiu.edu/search/?P=TESL-402>) minimum grade of C and TESL-420 (<http://catalog.neiu.edu/search/?P=TESL-420>) minimum grade of C and TESL-426 (<http://catalog.neiu.edu/search/?P=TESL-426>) minimum grade of C.

TESL-430E. Structure Of Language: Thai. 3 Hours.

Prerequisites: TESL-402 (<http://catalog.neiu.edu/search/?P=TESL-402>) minimum grade of C and TESL-420 (<http://catalog.neiu.edu/search/?P=TESL-420>) minimum grade of C and TESL-426 (<http://catalog.neiu.edu/search/?P=TESL-426>) minimum grade of C.

TESL-430F. Structure Of Language: Tai, Kirundi, Tun, Arabic. 3 Hours.

Prerequisites: TESL-402 (<http://catalog.neiu.edu/search/?P=TESL-402>) minimum grade of C and TESL-420 (<http://catalog.neiu.edu/search/?P=TESL-420>) minimum grade of C and TESL-426 (<http://catalog.neiu.edu/search/?P=TESL-426>) minimum grade of C.

TESL-433. Lexicography. 3 Hours.

Review of the problems and trends of word study in the past, especially the notions surrounding the concepts of authority and usage of language: scrutiny of the various types and sources of English vocabulary; recent linguistic insights considered in the light of their value for various kinds of handbooks.

TESL-440. Language & Literacy. 3 Hours.

Differences between spoken and written languages; the functions of writing in a literate society; writing systems with particular reference to English orthography; current psycholinguistic research on the acquisition of written language skill; pedagogical implications of linguistic views on literacy.

Prerequisite: TESL-402 (<http://catalog.neiu.edu/search/?P=TESL-402>) minimum grade of C.

TESL-442. Using Technology With Second Language Learners. 3 Hours.

In this class, students will explore the interface between current approaches to second language pedagogy, theories of language learning, and technology. They will examine questions of the development and current status of computer applied language learning; the digital divide and language minority students; appropriate and inappropriate uses of technology for language learning; use of technology to support student instruction in listening, speaking, reading, writing, culture, pronunciation, vocabulary and grammar; technology and learner variation; and issues of technology and assessment.

Prerequisite: TESL-410 (<http://catalog.neiu.edu/search/?P=TESL-410>) minimum grade of C or LING-410 minimum grade of C.

TESL-445. Language Variation. 3 Hours.

All languages vary- across time, distance, social class, gender, situation, and ethnicity. This course examines the societal and cultural influences on both the forms and uses of different varieties of English as well as other languages, and demonstrates how one's language and language variety affect one's identity, school achievement, etc. Topics include language attitudes and stereotypes, ideology, intercultural and interethnic communication, and the spread of English. Special emphasis will be placed on how these notions of language varieties apply to the teaching and learning of second and foreign languages.

TESL-447. Pragmatics. 3 Hours.

Study of the interface between language and meaning at the level of discourse. Focuses on communication as dialogic interaction and the nexus of word meanings and speaker intentions in language use. Considers the multiple layers of context as factors that affect the interpretation of speaker role and appropriateness of use. Additionally, examines intercultural pragmatics as it pertains to the acquisition of second language culture and the communicative differences between cultures.

Prerequisite: TESL-445 (<http://catalog.neiu.edu/search/?P=TESL-445>) minimum grade of C.

TESL-451. Lexically-Based Instruction. 3 Hours.

This course is built on the notion that the optimal second-foreign language syllabus is a lexically-based one. The course covers vocabulary knowledge and acquisition from the perspectives of both the second language learner and the teacher. Topics covered include what it means to "know a word", memory, dictionaries and other tools, learner strategies, vocabulary assessment, selection criteria, and teaching techniques.

Prerequisites: TESL-402 (<http://catalog.neiu.edu/search/?P=TESL-402>) minimum grade of C and TESL-410 (<http://catalog.neiu.edu/search/?P=TESL-410>) minimum grade of C.

TESL-452. Content-Based Instruction. 3 Hours.

Exploration of content-based instruction as an approach to teaching English language learners. Functioning as both a method in the English as a second or foreign language classroom and as a technique for meeting the needs of English language learners in the content area classroom, its theory and practice are examined through the various models and the standard-based curriculum. Additionally, practices and strategies related to planning, implementing, and managing ESL and content instruction, including classroom organization, teaching strategies for developing and integrating language skills, and choosing and adapting classroom resources are addressed.

Prerequisite: TESL-414 (<http://catalog.neiu.edu/search/?P=TESL-414>) minimum grade of C.

TESL-460. Second Language Acquisition. 3 Hours.

Survey of recent theories and research on second language acquisition and bilingualism especially in relation to the process of second language learning; rationales of various language teaching methodologies and techniques as well as the concepts of transfer and interference, contrastive analysis and error analysis.

Prerequisites: (TESL-410 (<http://catalog.neiu.edu/search/?P=TESL-410>) minimum grade of C or LING-410 minimum grade of C) and (TESL-420 (<http://catalog.neiu.edu/search/?P=TESL-420>) minimum grade of C or LING-420 minimum grade of C).

TESL-465. Experiential Preparation For Teaching English As A Second Language. 3 Hours.

Emphasis on the preparation of materials and the development of teaching strategies for specific ESL classroom uses. Students examine and evaluate commercially prepared and teacher made materials and lesson plans and devise a limited set of materials of their own. Students will either demonstrate these materials or observe their use in an actual classroom or tutoring situation.

Prerequisites: TESL-402 (<http://catalog.neiu.edu/search/?P=TESL-402>) minimum grade of B and (TESL-410 (<http://catalog.neiu.edu/search/?P=TESL-410>) minimum grade of B or LING-410 minimum grade of B) and (TESL-414 (<http://catalog.neiu.edu/search/?P=TESL-414>) minimum grade of B or LING-414 minimum grade of B).

TESL-468. Assessment Of The Limited English Proficient Student. 3 Hours.

Testing and assessment as they relate to limited English proficient students; information on instruments and procedures for testing language and cognitive development; proficiency, placement and achievement testing. Students look at well-known standardized testing devices such as the Bilingual Syntax Measure and the TOEFL test; at cultural and instrumental bias in testing; and at procedures for writing and evaluating classroom test and various test item types.

Prerequisite: TESL-410 (<http://catalog.neiu.edu/search/?P=TESL-410>) minimum grade of C.

TESL-471. Evolution Of Laws & Policies In Language Instruction. 3 Hours.

Survey of the historical and current ideologies, the laws which they informed, and the policies and practices which resulted regarding language use in the educational system. Use will be explored in terms of language as a medium of communication, language as a medium of instruction, and language as a content area. Comparisons will be drawn between the US and international contexts. After extensive readings in the literature and in class preparation, students will be expected to design a grant proposal and make a presentation on a topic directly related to an area of their choice.

TESL-490A. Seminar In TESL: Materials Preparation. 3 Hours.

Prerequisites: TESL-426 (<http://catalog.neiu.edu/search/?P=TESL-426>) minimum grade of B and TESL-445 (<http://catalog.neiu.edu/search/?P=TESL-445>) minimum grade of B and TESL-460 (<http://catalog.neiu.edu/search/?P=TESL-460>) minimum grade of B.

TESL-490C. Seminar In TESL: Special Education. 3 Hours.

Prerequisites: TESL-426 (<http://catalog.neiu.edu/search/?P=TESL-426>) minimum grade of B and TESL-445 (<http://catalog.neiu.edu/search/?P=TESL-445>) minimum grade of B and TESL-460 (<http://catalog.neiu.edu/search/?P=TESL-460>) minimum grade of B.

TESL-490E. Seminar In TESL: Current Research. 3 Hours.

Prerequisites: TESL-426 (<http://catalog.neiu.edu/search/?P=TESL-426>) minimum grade of B and TESL-445 (<http://catalog.neiu.edu/search/?P=TESL-445>) minimum grade of B and TESL-460 (<http://catalog.neiu.edu/search/?P=TESL-460>) minimum grade of B.

TESL-490F. Seminar In TESL: Language & Culture. 3 Hours.

Prerequisites: TESL-426 (<http://catalog.neiu.edu/search/?P=TESL-426>) minimum grade of B and TESL-445 (<http://catalog.neiu.edu/search/?P=TESL-445>) minimum grade of B and TESL-460 (<http://catalog.neiu.edu/search/?P=TESL-460>) minimum grade of B.

TESL-490J. Seminar In TESL: Vocabulary. 3 Hours.

Prerequisites: TESL-426 (<http://catalog.neiu.edu/search/?P=TESL-426>) minimum grade of B and TESL-445 (<http://catalog.neiu.edu/search/?P=TESL-445>) minimum grade of B and TESL-460 (<http://catalog.neiu.edu/search/?P=TESL-460>) minimum grade of B.

TESL-490K. Seminar In TESL: 1st & 2nd Language Acquisition. 3 Hours.

Prerequisites: TESL-426 (<http://catalog.neiu.edu/search/?P=TESL-426>) minimum grade of B and TESL-445 (<http://catalog.neiu.edu/search/?P=TESL-445>) minimum grade of B and TESL-460 (<http://catalog.neiu.edu/search/?P=TESL-460>) minimum grade of B.

TESL-5901. Thesis Hours. 1 Hour.

Guidance of students conducting research and writing a thesis to fulfill the requirements for the Master of Arts degree in TESL/TEFL. This course requires approval of the instructor, Department Chair and the appropriate College Dean(s).

Prerequisites: TESL-402 (<http://catalog.neiu.edu/search/?P=TESL-402>) minimum grade of C and TESL-420 (<http://catalog.neiu.edu/search/?P=TESL-420>) minimum grade of C and TESL-426 (<http://catalog.neiu.edu/search/?P=TESL-426>) minimum grade of C.

TESL-5902. Thesis Hours. 2 Hours.

See course description for TESL-5901 (<http://catalog.neiu.edu/search/?P=TESL-5901>).

Prerequisites: TESL-402 (<http://catalog.neiu.edu/search/?P=TESL-402>) minimum grade of C and TESL-420 (<http://catalog.neiu.edu/search/?P=TESL-420>) minimum grade of C and TESL-426 (<http://catalog.neiu.edu/search/?P=TESL-426>) minimum grade of C.

TESL-5903. Thesis Hours. 3 Hours.

See course description for TESL-5901 (<http://catalog.neiu.edu/search/?P=TESL-5901>).

Prerequisites: TESL-402 (<http://catalog.neiu.edu/search/?P=TESL-402>) minimum grade of C and TESL-420 (<http://catalog.neiu.edu/search/?P=TESL-420>) minimum grade of C and TESL-426 (<http://catalog.neiu.edu/search/?P=TESL-426>) minimum grade of C.

Teacher Education (TED)

Courses

TED-316A. Middle Level Literacy. 3 Hours.

Technology (TECH)

Courses

TECH-251. Introduction To Media Utilization. 3 Hours.

TECH-316. Computer Utilization In Education. 3 Hours.

TECH-317. General/Specialized Computer Concepts In Education. 3 Hours.

TECH-319. Microcomputer Software Applications For Teachers. 3 Hours.

TECH-321. Classroom Computer Curriculum. 3 Hours.

TECH-331. Functions Of The School Library. 3 Hours.

TECH-332. Technical Processes In School Libraries. 3 Hours.

TECH-351. Selection, Utilization And Evaluation Of Instructional Material. 3 Hours.

TECH-352. Design And Production Of Instructional Materials. 3 Hours.

University Without Walls (UWW)

Courses

UWW-201. Participated In University Without Walls. 1 Hour.

UWW-202. Participated In University Without Walls. 2 Hours.

UWW-203. Participated In University Without Walls. 3 Hours.

UWW-204. Participated In University Without Walls. 4 Hours.

UWW-205. Participated In University Without Walls. 5 Hours.

UWW-206. Participated In University Without Walls. 6 Hours.

UWW-207. Participated In University Without Walls. 7 Hours.

UWW-208. Participated In University Without Walls. 8 Hours.

UWW-209. Participated In University Without Walls. 9 Hours.

UWW-210. Participated In University Without Walls. 10 Hours.

UWW-211. Participated In University Without Walls. 11 Hours.

UWW-212. Participated In University Without Walls. 12 Hours.

UWW-301. University Without Walls Independent Study. 1 Hour.

University Without Walls students receive credit as they fulfill individualized curricula developed in consultation with and under the direction of the UWW Academic Advisor (or another faculty member recommended by the Academic Advisor), the UWW Community Advisor, and UWW Faculty Advisor.

UWW-302. University Without Walls Independent Study. 2 Hours.

University Without Walls students receive credit as they fulfill individualized curricula developed in consultation with and under the direction of the UWW Academic Advisor (or another faculty member recommended by the Academic Advisor), the UWW Community Advisor, and UWW Faculty Advisor.

UWW-303. University Without Walls Independent Study. 3 Hours.

University Without Walls students receive credit as they fulfill individualized curricula developed in consultation with and under the direction of the UWW Academic Advisor (or another faculty member recommended by the Academic Advisor), the UWW Community Advisor, and UWW Faculty Advisor.

Women's and Gender Studies (WGS)

Courses

WGS-101. Women's Perspectives And Values. 3 Hours.

This course examines the philosophical basis of patriarchy and analyzes the impact of gender on the lives of women. Emphasis is placed on the effect that ethnicity, race, class and sexual orientation have in determining the status of women in our society. Feminist theory and creative writing are studied; women's voices, perspectives and values are discussed. (This is a General Education course in the area of Humanities.).

WGS-109. First Year Experience: Women Organizing In Chicago. 3 Hours.

This course provides an opportunity for first year students to explore Chicago through the perspective of women organizers of Chicago with specific relevance for those students 25 years of age or older. This exploration of the city of Chicago will allow students to explore the diverse contributions of women organizers with Chicago roots and their contributions to the greater US society through readings, multi-media, guest lecturers and presentations and field experiences. The central aim of this course is to foster critical reading and thinking about women's lives and an understanding of how the interlocking systems of racism, classism, sexism, and heterosexism shape women's lives as well as the ways women have organized to resist these oppressions, change their lives and the lives of those around them.

WGS-109A. First Year Experience: Sex Lives In Chicago. 3 Hours.

FYE: Sex Lives in Chicago critically examines sexualities in the social and physical space of Chicago from a feminist, sex-positive standpoint. In this course, the five foundations of the First-Year Experience (Future Planning, Integral Preparation, Research, Self-discovery and Transitions) are interwoven into the concepts of sexualities, gender and power. This course explores the diversity of sexual identities, practices, and behaviors in historical and modern Chicago. Students will discover the diversity and complexity of sexualities in Chicago through readings, speakers, films, and field experiences while simultaneously building personal and academic skills that ensure success at NEIU.

WGS-150. Women's Self-Defense. 1 Hour.

This course develops a framework for understanding violence and self-defense. Major focus is on learning and practicing awareness, prevention, assessment, verbal boundary setting and physical self-defense skills in simulated scenarios. (This course is not repeatable.).

WGS-201. Writing Intensive Program:Feminist Ideas. 3 Hours.

Feminist Ideas is intended to insure that students understand what feminist perspectives are and their relationship to Women's and Gender Studies, social issues and social change. With a focus on Organizing, Family, Health/Reproductive Justice, Violence and Work, students will learn to recognize historical and contemporary feminist leaders, understand the implications and applications of feminist ideas, apply lessons learned from past struggles to contemporary social issues and evaluate women's changing status, by race, class, age, ability, and sexual orientation and other inequalities.

Prerequisites: (WSP-101 minimum grade of C or WGS-101 (<http://catalog.neiu.edu/search/?P=WGS-101>) minimum grade of C) and ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

WGS-202. Feminist Activism. 3 Hours.

This course, subtitled Grassroots Resistance in the U.S., focuses on women as social actors challenging gender stereotypes; organizing to reduce poverty, racism, homophobia and violence; working to expand opportunities; and confronting barriers in education, the criminal justice system and politics. Popular analyses of women and social change often limit themselves to women's roles in families and paid workplaces. Focus is on ordinary women who are working collectively in diverse social settings to empower themselves and others, exploring barriers women face, goals and strategies for social change, and the rewards and challenges of feminist grassroots activism.

Prerequisite: WSP-101 minimum grade of C or WGS-101 (<http://catalog.neiu.edu/search/?P=WGS-101>) minimum grade of C.

WGS-210. Introduction To Lesbian, Gay, Bisexual, Transgender & Queer Studies. 3 Hours.

The Introduction to Lesbian, Gay, Bisexual, Transgendered and Queer (LGBTQ) Studies offers an introductory and interdisciplinary approach to studying the lives, histories and cultures of LGBTQ communities and allies. This course focuses on the multiplicity and diversity in gender and sexual expression including how race, class, ability and other identity markers shape LGBTQ lives. Examining introductory questions in gender and sexualities studies, the course addresses the intersection of identity, knowledge and action through critical thinking, analysis, active learning and social engagement.

WGS-302. Feminist Theory:Questions Of Race, Class, And Sexuality. 3 Hours.

This course, subtitled Questions of Race, Class and Sexuality, is designed to give an introduction into conceptions of feminist theories. Moreover, much of the course will be spent reading and writing about theory. We will begin with an attempt to articulate the assumptions that underlie contemporary feminist theories by tracing the theoretical conceptions they are based upon. Our focus will be on the importance of the position and situation of the subject with respect to questions of class, race, sexuality, gender, historical moment and social location.

Prerequisite: WSP-101 minimum grade of C or WGS-101 (<http://catalog.neiu.edu/search/?P=WGS-101>) minimum grade of C.

WGS-310. Lesbian & Queer Cultures: Identities, Histories & Resistance. 3 Hours.

This interdisciplinary course introduces students to historical and theoretical research through a series of topics: Identity, Sex, Violence, Activism, and Beyond. This will form the contexts for exploring issues and questions surrounding lesbian and queer cultures. Books, articles, magazines, videos, films, music, art, and more will be used. What makes up, establishes, creates, develops, organizes lesbian and queer cultures? This will be examined, in the context of various struggles over meanings and identities, considering that those meanings change over time and context and differ across race, class and other identity markers.

Prerequisite: WSP-101 minimum grade of C or WGS-101 (<http://catalog.neiu.edu/search/?P=WGS-101>) minimum grade of C.

WGS-311. Power, Knowledge & Communities: Feminists Engagements With Education. 3 Hours.

This course focuses on the role of the educational system in the constructions and reproduction of gender and racial inequality. Using both academic and popular literature to gain perspectives, we will examine relationships between school and society. Topics to be addressed include the historical constructions, representation of schooling and the teaching profession, popular culture and education, and sexuality and schooling.

Prerequisite: WSP-101 minimum grade of C or WGS-101 (<http://catalog.neiu.edu/search/?P=WGS-101>) minimum grade of C.

WGS-312. Women & Global Human Rights. 3 Hours.

Women's issues have recently been viewed through the lens of human rights. Increasingly they are included in the goals, programs and policies of international human rights organizations, from the United Nations to Amnesty International. This course will examine this shift in perspective and the impact it is having on women's lives worldwide. We will explore international human rights as they apply to women. What do we mean by "human rights"? How have these rights been socially defined, struggled over, and, in some cases, won? To what extent have women and women's rights been included in these conversations and struggles?.

Prerequisite: WSP-101 minimum grade of C or WGS-101 (<http://catalog.neiu.edu/search/?P=WGS-101>) minimum grade of C.

WGS-313. Radical Feminist Imagination In Literature. 3 Hours.

Examination of literary works broadly representative of something called feminist imaginative response to U.S. patriarchy. The meaning of radical feminism will be explored as authors from a range of racial, class, and sexual identities are placed in dialogue with each other and with their respective socio-historical and cultural contexts. Focus will be on textual interpretation and exploring how each work attempts to develop its version of feminist consciousness. The course will investigate how these texts formulate a narrative of women's liberation against the dominant patriarchal narratives that inform cultural consciousness and social relations.

Prerequisite: WSP-101 minimum grade of C or WGS-101 (<http://catalog.neiu.edu/search/?P=WGS-101>) minimum grade of C.

WGS-314. Science, Women & Technology. 3 Hours.

An examination of women who have been successful in computing from Countess Ada Lovelace and Grace Hopper to others more modern like Anita Borg, who founded Systems, the email forum for women in technology. Students will analyze the relationships between and among various social institutions in the context of inequality, power and oppression by reflecting on women's experiences including why there are so few women in science and technology and what can be done to remediate the situation.

Prerequisite: WSP-101 minimum grade of C or WGS-101 (<http://catalog.neiu.edu/search/?P=WGS-101>) minimum grade of C.

WGS-315. Redesigning The American Dream. 3 Hours.

In this course special attention will be given to environments that support women's needs and enhance the quality of women's lives and the lives of other disenfranchised groups. Design concepts and spatial policies for the creation of shelters for battered and homeless women, innovative housing and neighborhoods that support diverse households such as single person, single parent, inter-generational, dual career couples, mixed income, individuals with disabilities, and families of choice will be developed through class discussions about violence against women, poverty, racism, aging, homophobia, women in developing countries and the changing conditions of work and family life.

Prerequisite: WSP-101 minimum grade of C or WGS-101 (<http://catalog.neiu.edu/search/?P=WGS-101>) minimum grade of C.

WGS-316. Science And The Gendered Body. 3 Hours.

This course traces the history of how gender and sex are identified and studied in scientific and medical fields and how cultural conception of gender and sex can influence the interpretation of scientific phenomena. Readings draw from the primary scientific literature, the history and philosophy of science, and cultural anthropological analyses of science and medicine.

WGS-321. Internship In Women's Studies. 1 Hour.

Placement in a university or community agency that provides services to women. This will be an opportunity to test classroom concepts in a field setting.

WGS-322. Internship In Women's Studies. 2 Hours.

(See description for WGS-321 (<http://catalog.neiu.edu/search/?P=WGS-321>)).

WGS-323. Internship In Women's Studies. 3 Hours.

(See description for WGS-321 (<http://catalog.neiu.edu/search/?P=WGS-321>)).

WGS-331. Independent Study In Women's Studies. 1 Hour.

An intensive investigation of a special area of Women's and Gender Studies.

WGS-332. Independent Study In Women's Studies. 2 Hours.

An intensive investigation of a special area of Women's and Gender Studies.

WGS-333. Independent Study In Women's Studies. 3 Hours.

(See description for WGS-331 (<http://catalog.neiu.edu/search/?P=WGS-331>)).

WGS-333A. Independent Study In Women's Studies. 3 Hours.

(See description for WGS-331 (<http://catalog.neiu.edu/search/?P=WGS-331>)).

WGS-350. Seminar In Women's Studies. 3 Hours.

This interdisciplinary capstone course builds on knowledge gained in other Women's and Gender Studies classes. Advanced instruction in appropriate areas such as: feminist theory and methodology, international women's movements, and other topics. Includes a component on research methods/writing. Consent of the instructor is necessary. This course is a requirement for students completing the Women's Studies Major and Minor.

Prerequisite: WSP-101 minimum grade of C or WGS-101 (<http://catalog.neiu.edu/search/?P=WGS-101>) minimum grade of C.

WGS-360. Queer Theory. 3 Hours.

Queer theory developed in the early 1990s out of the conjunction of feminist theory, sexuality studies, and queer activism. This course introduces students to some of the key authors and texts in queer theory, shows students how queer theory may be applied in a variety of academic fields, and examines critiques of queer theory as androcentric, Eurocentric, overly intellectual, and impractical. This course aims to foster critical thinking, writing, and discussion. We will go beyond merely digesting theorists' work to actively engaging with the material and critiquing both commonly held assumptions and academic theories about gender and sexuality.

Prerequisite: WSP-210 minimum grade of D or WGS-210 (<http://catalog.neiu.edu/search/?P=WGS-210>) minimum grade of D.

WGS-361. Queer Latin American Narrative And Film. 3 Hours.

This course explores the representation of sexual diversity and gender nonconformity in Latin American cultural production (narrative and film) from a perspective informed by feminist theory, LGBT studies and queer theory. Students critically engage these theoretical paradigms while developing research skills and proficiency in oral and written expression through class assignments, including a final research paper.

Prerequisite: ENGL-101 (<http://catalog.neiu.edu/search/?P=ENGL-101>) minimum grade of C.

World Languages & Cultures (WLC)

Courses

WLC-200A. Introduction To Arab Cultures. 3 Hours.

This course introduces students to the wealth of literary, artistic, and musical cultures in the Arabic-speaking world. You will learn to describe, contextualize, and analyze representative cultural texts from literature (e.g., poems, short stories, folk tales and legends), fine arts (e.g., painting and photography), and popular culture (e.g., popular music, films, comics), and to evaluate how they reinforce, question or subvert normative constructions of gender, ethnicity, race, sexuality and nationalism specific to but not limited to the Arabic-speaking world. Taught in English. Sophomore standing or above.

WLC-200B. Introduction To Brazilian Culture. 3 Hours.

This course introduces students to the wealth of literary, artistic, and musical cultures in Brazil. You will learn to describe, contextualize, and analyze representative cultural texts from literature (e.g., poems, short stories, folk tales and legends), fine arts (e.g., painting and photography), and popular culture (e.g., popular music, films, comics), and to evaluate how they reinforce, question or subvert normative constructions of gender, ethnicity, race, sexuality and nationalism specific to but not limited to Brazil. Taught in English. Sophomore standing or above.

WLC-200C. Introduction To Chinese Culture. 3 Hours.

This course introduces students to the wealth of literary, artistic, and musical cultures in China. You will learn to describe, contextualize, and analyze representative cultural texts from literature (e.g., poems, short stories, folk tales and legends), fine arts (e.g., painting and photography), and popular culture (e.g., popular music, films, comics), and to evaluate how they reinforce, question or subvert normative constructions of gender, ethnicity, race, sexuality and nationalism specific to but not limited to China. Taught in English. Sophomore standing or above.

WLC-200E. Intermediate Studies In Foreign Language: Introduction To Korean Culture. 3 Hours.

WLC-200F. Introduction To French And Francophone Cultures. 3 Hours.

This course introduces students to France and francophone cultures and to the French and francophone influences in Chicago and the Midwest. Students will learn to describe, contextualize, and analyze representative cultural texts from literature (i.e., poems, short stories, folk tales, and legends), fine arts (i.e., painting and photography), and popular culture (i.e., popular music, films, comics), and to evaluate how they reinforce, question or subvert normative constructions of gender, ethnicity, race, sexuality and nationalism in France and the international francophone community. Taught in English. Sophomore standing or above.

WLC-200I. Introduction To Italian Culture. 3 Hours.

This course introduces students to the wealth of literary, artistic, and musical cultures in culture of Italy. You will learn to describe, contextualize, and analyze representative cultural texts from literature (i.e., poems, short stories, folk tales and legends), fine arts (i.e., painting and photography), and popular culture (i.e., popular music, films, comics), and to evaluate how they reinforce, question or subvert normative constructions of gender, ethnicity, race, sexuality and nationalism specific to but not limited to culture of the Italian peninsula. Taught in English. Sophomore standing or above.

WLC-200J. Introduction To Japanese Culture. 3 Hours.

This course introduces student to the wealth of literary, artistic, and musical cultures in Japan. You will learn to describe, contextualize, and analyze representative cultural texts from literature (e.g., poems, short stories, folk tales and legends), fine arts (e.g., painting and photography), and popular culture (e.g., popular music, films, comics), and to evaluate how these texts reinforce, question or subvert normative constructions of gender, ethnicity, race, sexuality and nationalism specific to but not limited to Japan. Knowledge of Japanese language is not required, but because the Japanese often integrate their culture and language, a discussion of some elements of the Japanese language will be part of the class. Taught in English. Sophomore standing or above.

WLC-200L. Introduction To Latin American Cultures. 3 Hours.

This course introduces students to the wealth of literary, artistic, and musical cultures in Latin America. Students will learn to describe, contextualize, and analyze representative cultural texts from literature (e.g., poems, short stories, folk tales and legends), fine arts (e.g., painting and photography), and popular culture (e.g., popular music, films, comics), and to evaluate how they reinforce, question or subvert normative constructions of gender, ethnicity, race, sexuality and nationalism specific to but not limited to Latin America. Taught in English.

WLC-200P. Introduction To Polish Culture. 3 Hours.

This course introduces students to the wealth of literary, artistic, and musical cultures in Poland. Students will learn to describe, contextualize, and analyze representative cultural texts from literature (e.g., poems, short stories, folk tales and legends), fine arts (e.g., painting and photography), and popular culture (e.g., popular music, films, comics), and to evaluate how they reinforce, question or subvert normative constructions of gender, ethnicity, race, sexuality and nationalism specific to but not limited to Poland. Taught in English. Sophomore standing or above.

WLC-200S. Introduction To Assyrian Culture. 3 Hours.

This course will serve as an introduction to the literary, artistic, and musical traditions in the Assyrian culture. You will learn to describe, contextualize, and analyze representative cultural texts from literature, fine arts, and popular culture, and to evaluate how they reinforce, question or subvert normative constructions of gender, ethnicity, race, sexuality and nationalism specific to but not limited to Assyrian culture. Taught in English.

WLC-220. French Culture Through Film. 3 Hours.

Explores the successive historical, political, social and aesthetic climates of modern France and francophone countries through the study of film. Conducted in English.

WLC-220A. Arab Culture Through Film. 3 Hours.

This course uses cinema as a tool to think critically about key topics of modern Arab cultures, including ethnicity, nationalism, religion, and gender roles, among others. Students will learn to situate films in specific political and cultural contexts, and to discuss how aesthetic choices guide possible interpretations. Taught in English. Sophomore standing or above.

WLC-220T. Italian Culture Through Film. 3 Hours.

This course uses cinema as a tool to think critically about key topics of Italian culture, including national identity, religion, and gender roles, among others. Students will learn to situate films in specific historical and cultural contexts, and to discuss how aesthetic choices guide possible interpretations. Taught in English.

WLC-221J. Japanese Culture Through Film. 3 Hours.

This course uses cinema as a tool to think critically about key topics of Japanese culture, including nationalism, religion, and gender roles, among others. Students will learn to situate films in specific historical and cultural contexts, and to discuss how aesthetic choices guide possible interpretations. Taught in English. Sophomore standing or above.

WLC-302. Introduction To Teaching World Languages. 3 Hours.

The nature of language and language-learning processes; demonstration of specific organizational patterns and teaching methods in keeping with these; the changing status of foreign language teaching; and the importance of language teaching in an interdependent world. Implications for foreign language teaching of recent developments in linguistics, psychology, psycholinguistics, curriculum, teaching materials and technology. Emphasis on designing, presenting and evaluating specific classroom procedures in the linguistically oriented teaching of the communicative skills.

Disclaimer

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