Northern Illinois University

Undergraduate Catalog 2022-2023

Effective Fall Semester 2022

Catalog Home

Effective Fall 2022

Notices

Through the university governance and administrative processes, after publication of this catalog changes may occur in the academic calendar, admission and graduation requirements, academic programs, course offerings, regulations, staff, and tuition and fee charges. Such changes take precedence over catalog statements. While reasonable effort will be made to publicize such changes, a student is encouraged to seek current information from appropriate offices, because responsibility for complying with all applicable requirements ultimately rests with the student.

Although the university attempts to accommodate the course requests of students, course offerings may be limited by financial, space, and staffing considerations or may otherwise be unavailable. Nothing in this catalog may be construed to promise or guarantee registration in any course or course of study (whether required or elective) nor may anything be construed to promise or guarantee the completion of an academic program within a specified length of time.

Other statements of a legal nature are printed in the "Legal Notices" section of this catalog. Academic policies and programs described in this catalog are in effect as of the beginning of the fall semester unless an exception is indicated.

Student Responsibility

It is the responsibility of students to know and observe all regulations and procedures relating to the program they are pursuing. In no case will a regulation be waived or an exception granted because students plead ignorance of, or contend that they were not informed of, the regulations or procedures. Questions on regulations, and their interpretation should be addressed to the advising office of the college in which the student's major department is located. For students with no college affiliation, questions on regulations and their interpretations should be addressed to the Academic Advising Center.

Students are strongly encouraged to schedule an appointment with an academic advisor at least once each semester, preferably before registering for succeeding semester course work.

University Academic Publications

The *Undergraduate Catalog* contains information on admission policies and procedures, graduation requirements, academic regulations, expenses, housing, financial aid, and other student services, as well as detailed descriptions of academic majors, minors, and course offerings. Copies are available to current and prospective students from the university's bookstore. The catalog is online at catalog.niu.edu.

The *Graduate Catalog* contains detailed statements of Graduate School policies and procedures, curricula, and expenses, and lists the graduate course offerings of the various departments. Copies are available from the Graduate School office. It is online at catalog.niu.edu.

The *College of Law Bulletin* provides information regarding application procedures, academic requirements, course offerings, and tuition and fees. Copies may be obtained from the College of Law. It is online at law.niu.edu.

Undergraduate Information

General Information: 815-753-1000

World Wide Web site: www.niu.edu

The World Wide Web site provides access to the sites of NIU academic colleges, departments/schools, and many of the university's offices, as well as an online version of this catalog. The online catalog can be found at http://catalog.niu.edu. Beginning with the 2006-07 academic year, the online catalog is the definitive version of program descriptions and of academic policies and procedures.

Below is information regarding NIU offices that prospective students might want to contact. E-mail addresses for other NIU offices are available through the NIU World Wide Web site.

Office of Admissions
Northern Illinois University
DeKalb, IL 60115-2857
815-753-0446
800-892-3050 (toll-free for Illinois callers only)
E-mail: admissions@niu.edu

Educational Services and Programs
Northern Illinois University
DeKalb, IL 60115-2854
815-753-0201
800-892-3050 (toll-free for Illinois callers only)

Office of Registration and Records
Northern Illinois University
DeKalb, IL 60115-2871
815-753-0681
E-mail: regrec@niu.edu

Student Financial Aid Office
Northern Illinois University
DeKalb, IL 60115-2872
815-753-1395
800-892-3050 (toll-free for Illinois callers only)
E-mail: finaid@niu.edu

Housing and Dining
Northern Illinois University
DeKalb, IL 60115-2877
815-753-1525
E-mail: housingdining@niu.edu

Disability Resource Center
Northern Illinois University
DeKalb, IL 60115-2879
815-753-1303
E-mail: drc@niu.edu

Health Services
Northern Illinois University
DeKalb, IL 60115-2879
815-753-1311
E-mail: healthservices@niu.edu

University Honors Program
Northern Illinois University
DeKalb, IL 60115-2854
815-753-0694
E-mail: honors@niu.edu

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College of Business

College of Education

College of Engineering and Engineering Technology

College of Health and Human Sciences

College of Liberal Arts and Sciences

College of Visual and Performing Arts

Northern Illinois University is an equal opportunity/affirmative action institution and does not discriminate on the basis of race, color, religion, sex, age, marital status, national origin, disability, status based on the Victims' Economic Security and Safety Act (VESSA) or status as a disabled or Vietnam-era veteran, or any other factor unrelated to professional qualifications, in employment or in admission or access to, treatment in, or operation of its educational programs and activities. Such discrimination is prohibited by Titles VI and VII of the Civil Rights Act, Title IX of the Education Amendments, Sections 503 and 504 of the Rehabilitation Act of 1973, the Age Discrimination Acts of 1974 and 1975, the Vietnam-Era Veterans' Readjustment Assistance Act of 1974, Titles I-VI of the Victims' Economic Security and Safety Act, and other federal and state statutes and regulations. Inquiries concerning application of Title IX, Section 504, and other statutes and regulations may be referred to the Affirmative Action and Diversity Resources Center, 1515 W. Lincoln Highway, DeKalb, IL 60115, telephone 815-753-1118, or to the director of the Office of Civil Rights, U.S. Department of Education, Washington, D.C. 20024. The Constitution and Bylaws of Northern Illinois University afford equal treatment regardless of political views or affiliation, sexual orientation, or other factors unrelated to scholarly or professional performance (Constitution Article 9, Section 9.2; Bylaws Article 5, Section 5.211; Bylaws Article 7, Section 7.25 and Section 7.252; Bylaws Article 10; and Bylaws Article 18).

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Academic Calendar

Other dates and deadlines may apply for 14-week and dynamically dated (non-standard) courses. Please refer to MyNIU for course-specific dates.

2022 FALL UNDERGRADUATE ACADEMIC CALENDAR	FULL SEMESTER Aug. 22 - Dec. 10	FIRST HALF-SEMESTER Aug. 22 - Oct. 16	SECOND HALF-SEMESTER Oct. 17 - Dec. 10
Classes begin	Aug. 22, Monday	Aug. 22, Monday	Oct. 17, Monday
Last day to add or drop course(s) via self-service in MyNIU	Aug. 28, Sunday	Aug. 28, Sunday	Oct. 23, Sunday
Last day to apply for Fall graduation via self-service in MyNIU	Sept. 1, Thursday	Sept. 1, Thursday	Sept. 1, Thursday
Last day to add a course with approval from the offering department	Sept. 4, Sunday	Sept. 4, Sunday	Oct. 30, Sunday
Last day to drop a course through advisor	Sept. 4, Sunday	Aug. 28, Sunday	Oct. 23, Sunday
Labor Day (university closed)	Sept. 5, Monday	Sept. 5, Monday	N/A
Last day to make up a grade of Incomplete from the Spring 2022 semester	Sept. 13, Tuesday	Sept. 13, Tuesday	Sept. 13, Tuesday
Last day to change a course from credit to audit or from audit to credit	Sept. 9, Friday	Sept. 9, Friday	Nov. 4, Friday
Last day to request a course withdrawal or semester withdrawal through advisor	Oct. 28, Friday	Sept. 23, Friday	Nov. 18, Friday
General Election Day (university closed)	Nov. 8, Tuesday	N/A	Nov. 8, Tuesday
Thanksgiving break	Nov. 23, Wednesday - Nov. 27, Sunday	N/A	Nov. 23, Wednesday - Nov. 27, Sunday
Classes resume after Thanksgiving break	Nov. 28, Monday	N/A	Nov. 28, Monday
Last day to change or declare a major to be effective for the fall semester	Nov. 28, Monday	Nov. 28, Monday	Nov. 28, Monday
Classes end	Dec. 3, Saturday	Oct. 16, Sunday	Dec. 3, Saturday
Final Examinations	Dec 5, Monday - Dec. 10, Saturday	As set by instructor	Dec 5, Monday - Dec. 10, Saturday
Last day to make up a grade of Incomplete from the Summer 2022 session	Dec. 7, Wednesday	Dec. 7, Wednesday	Dec. 7, Wednesday
Undergraduate fall commencement	Dec. 11, Sunday	Dec. 11, Sunday	Dec. 11, Sunday

2023 SPRING UNDERGRADUATE ACADEMIC CALENDAR	FULL SEMESTER Jan 17 - May 12	FIRST HALF-SEMESTER Jan. 17 - March 11	SECOND HALF-SEMESTER March 20 - May 12
Martin Luther King, Jr. Day (university closed)	Jan. 16, Monday	Jan. 16, Monday	Jan. 16, Monday
Classes begin	Jan. 17, Tuesday	Jan. 17, Tuesday	March 20, Monday
Last day to add or drop course(s) via self-service in MyNIU	Jan. 22, Sunday	Jan. 22, Sunday	March 26, Sunday
Last day to add a course with approval from the offering department	Jan. 29, Sunday	Jan. 29, Sunday	April 2, Sunday
Last day to drop a course through advisor	Jan. 29, Sunday	Jan. 22, Sunday	March 26, Sunday
Last day to apply for Spring graduation via self-service in MyNIU	Feb. 1, Wednesday	Feb. 1, Wednesday	Feb. 1, Wednesday
Last day to change a course from credit to audit or from audit to credit	Feb. 3, Friday	Feb. 3, Friday	April 7, Friday
Spring Recess	March 12, Sunday - March 19, Sunday	N/A	N/A
Classes resume after Spring Recess	March 20, Monday	N/A	March 20, Monday
Last day to request a course withdrawal or semester withdrawal through advisor	March 31, Friday	Feb. 17, Friday	April 21, Friday
Last day to make up a grade of Incomplete from the Fall 2022 semester	April 12, Wednesday	April 12, Wednesday	April 12, Wednesday
Last day to change or declare a major to be effective for the spring semester	April 24, Monday	April 24, Monday	April 24, Monday
Classes end	May 4, Thursday	March 11, Saturday	May 4, Thursday
Reading Day	May 5, Friday	N/A	May 5, Friday
Final Examinations	May 6 (Sat.), May 8-12 (Mon-Fri.)	As set by instructor	May 6 (Sat.), May 8-12 (Mon-Fri.)
Undergraduate spring commencement	May 13, Saturday	May 13, Saturday	May 13, Saturday

2023 SUMMER UNDERGRADUATE ACADEMIC CALENDAR	FULL SESSION June 20 - Aug. 13	FIRST HALF-SESSION June 20 - July 16	SECOND HALF-SESSION July 17 - Aug. 13
Last day to apply for Summer graduation via self-service in MyNIU	June 15, Thursday	June 15, Thursday	June 15, Thursday
Juneteenth (university closed)	June 19, Monday	June 19, Monday	N/A
Classes begin	June 20, Tuesday	June 20, Tuesday	July 17, Monday
Last day to add or drop course(s) via self-service in MyNIU	June 25, Sunday	June 21, Wednesday	July 19, Wednesday
Last day to change a course from credit to audit or from audit to credit	June 26, Monday	June 22, Thursday	July 20, Thursday
Last day to add a course with approval from the offering department	June 30, Friday	June 23, Friday	July 21, Friday
Last day to drop a course through advisor	June 25, Sunday	June 23, Friday	July 21, Friday
Independence Day observed (university closed)	July 4, Tuesday	July 4, Tuesday	N/A
Last day to request a course withdrawal or session withdrawal through advisor	July 21, Friday	June 30, Friday	July 28, Friday
Last day to change or declare a major to be effective for the summer session	July 24, Monday	July 24, Monday	July 24, Monday
Classes end	Aug. 13, Sunday	July 16, Sunday	Aug. 13, Sunday

A Guide to Reading this Catalog

Course Designators

ACCY-Accountancy
ACSC-Actuarial Science
AHCD-Allied Health and Communicative Disorders
AHLS-Medical Laboratory Sciences
AHPT-Physical Therapy
ANTH-Anthropology
ART-Art
ARTD-Design and Media Arts
ARTE-Art and Design Education
ARTH-Art History
ARTS-Studio
BADM-Business Administration
BIOS-Biological Sciences
BKST-Black Studies
CHEM-Chemistry
COMD-Communicative Disorders
COMS-Communication Studies
COUN-Counseling
CSCI-Computer Science
ECON-Economics
ELE-Electrical Engineering
ENGL-English
ENVS-Environmental Studies
EPFE-Foundations of Education
EPS-Educational Psychology
ETR-Research and Assessment
ETT-Instructional Technology
FACS-Family and Consumer Sciences
FINA-Finance
FLAL-Applied Linguistics and General
FLAR-Arabic
FLBU-Burmese
FLCH-Chinese
FLCL-Classical Languages
FLFR-French
FLGE-German
FLIN-Indonesian
FLIS-Foreign Language Independent Study
FLIT-Italian
FLJA-Japanese
FLMT-Foreign Language Methods
FLPL-Polish
FLPO-Portuguese
FLPT-Foreign Language Student Teaching
FLRU-Russian
FLSL-American Sign Language
FLSP-Spanish
FLST-Special Topics
FLTA-Tagalog
FLTH-Thai
FLTR-Foreign Language Translation
FSMD-Fashion Merchandising
GEOG-Geography
GEOL-Geology
HDFS-Human Development and Family Sciences
HESA-Higher Education and Student Affairs
HIST-History
HLTH-Health Studies
HOSP-Hospitality and Tourism Management
HSCI-Health Sciences
IDSP-Inter-College Interdisciplinary
IEET-Interdisciplinary Engineering and Engineering Technology
ILAS-Interdisciplinary Liberal Arts and Sciences
INTL-International Programs
ISYE-Industrial Engineering
JOUR-Journalism
KNDN-Physical Education Dance
KNPE-Physical Education
LEBM-School Business Management
LEEA-Educational Administration
LESM-Sport Management
LTDH-Deaf and Hard of Hearing
LTIC-Bilingual/ESL
LTLA-Language Arts
LTRE-Reading
MATH-Mathematical Sciences
MEE-Mechanical Engineering
MET-Meteorology
MGMT-Management
MILS-Military Science
MKTG-Marketing
MLTL-Middle Level Teaching and Learning
MUED-Music Education
MUHL-Music History and Literature
MUSC-Music General
MUSE-Music Ensembles
MUSP-Music Performance
MUTC-Music Theory and Composition
NNGO-Nonprofit and NGO Studies
NURS-Nursing
NUTR--Nutrition, Dietetics, and Wellness
OELP--Office of Educator Licensure and Preparation
OMIS-Operations Management and Information Systems
PHHE-Public Health and Health Education
PHIL-Philosophy
PHYS-Physics
POLS-Political Science
PSPA--Public Administration
PSYC-Psychology
REHB-Rehabilitation and Disability Services
SCL-Social Change Leadership
SEEC-Early Childhood Education
SESE-Special Education
SEVI-Visual Impairments
SIHP-School of Interdisciplinary Health Professions
SOCI-Sociology
SPGA-School of Public and Global Affairs
STAT-Statistics
TECH- EngineeringTechnology
THEA-Theatre Arts
TH-D-Dance Performance
TLCI-Curriculum and Instruction
TLEE-Elementary Education
UBUS-Interdisciplinary Business
UEDU-Interdisciplinary Education
UEET-Interdisciplinary Engineering and Engineering Technology

UHHS-Interdisciplinary Health and Human Sciences
UNIV-University-Wide Interdisciplinary
WGSS-Women's, Gender, and Sexuality Studies

X-This letter following a course number indicates that the course is crosslisted in another department. A student can receive credit for such a course in only one department.

Abbreviations Used in This Catalog

Baccalaureate Degrees

B.A.-Bachelor of Arts
B.F.A.-Bachelor of Fine Arts
B.G.S.-Bachelor of General Studies
B.M.-Bachelor of Music
B.S.-Bachelor of Science
B.S.Ed.-Bachelor of Science in Education

Other Abbreviations

CRQ-Corequisite
GPA-Grade point average
PRQ-Prerequisite

Course Information

The system of numbering courses is as follows.
Noncredit courses: 1-99
Lower-division courses: 100-299
Upper-division courses: 300-499
Graduate courses: 500-799

Undergraduate course offerings appear in the following pages by department, with the departments arranged alphabetically within the colleges. Interdisciplinary courses appear at the beginning of college sections and under "International Programs." (Departmental and college sections may be located by means of the table of contents.)

Each course is assigned a certain number of semester hours of credit. In general, one semester hour represents the equivalent of one class hour of lecture or recitation or two hours of laboratory work per week for one semester. The semester-hour value of each course listed is shown by an arabic numeral in parentheses immediately after the title of the course. Some course descriptions include a list of topics for intensive or specialized study which the course may cover in different semesters.

Definitions of Terms Used in This Catalog

Academic dismissal: Dismissal from the university for not maintaining the required grade point average (GPA).

Accredited institution: A postsecondary institution that is accredited by the appropriate commission of a regional agency (New England Association of Schools and Colleges, Middle States Association of Colleges and Schools, North Central Association of Colleges and Schools, Northwest Association of Schools and Colleges, Southern Association of Colleges and Schools, or Western Association of Schools and Colleges).

Add/Drop Period: Constitutes the first two weeks of the semester for 16 week courses and the first week of the semester for 8 and 4 week courses.

Auditing: Registering for and attending a class regularly without completing the work required for credit. (No grade points or credit hours are granted for audited courses.)

Certificate of Undergraduate Study: A certificate of undergraduate study is awarded upon successful completion of a specified coherent set of undergraduate courses around a specific theme. Notation of a specific certificate of undergraduate study will be posted on the student's transcript upon the successful completion of the requirements for that certificate.

Competency examination: An examination given to determine if a student meets or surpasses the expected level of achievement for a foundational studies requirement in the general education program. Passing a foundational studies examination fulfills the requirement for the foundational studies but gives no credit, i.e., it reduces the required number of hours in general education but does not reduce the number of hours required for a degree. Information on competency examinations is available from the Office of Testing Services.

Concurrent enrollment: Enrollment by a student at both NIU and another institution, if any course taken at the other institution is in session at any time during the NIU semester or summer session in question.

Corequisite: A requirement, usually enrollment in a course, which should be undertaken at the same time as the course being described (if the corequisite has not been completed previously).

Course Add: The process of adding, changing a course, or changing sections of the same course.

Course Drop: Refers to the process of un-enrolling from one or more courses in the first two weeks of the semester, but remaining enrolled for credit in at least one course.

Course Withdrawal: Refers to the process of un-enrolling from one or more courses beginning the 3rd week of the semester, but remaining enrolled for credit in at least one course.

Credit by examination: A procedure through which a student can obtain college credit by passing examinations. Credit is available through Advanced Placement (AP), the College-Level Examination Program (CLEP), and NIU proficiency examinations. AP examinations are administered by high schools, while the Office of Testing Services administers some CLEP and proficiency examinations; proficiency examinations are also administered by academic departments.

Departmental requirements: Courses offered by a department and specified by that department as necessary for completion of a given course of study.

Drop: A procedure which allows a student to delete a course from the schedule through the second week of the semester. This course does not appear on the student's permanent academic record. An administrative office may drop students from courses in which they are not eligible to enroll.

Elective: A course that a student chooses to enroll in, as distinguished from a required course at the university level or in a given departmental course of study.

Emphasis: A subdivision of an undergraduate major. Courses and total hours required may vary in a multiemphasis major.

Encumbrance: A hold placed on a student's record as a result of an unfulfilled obligation to the university or of a disciplinary action. A student with an encumbrance preventing registration is not eligible to participate in class work.

Endorsement: The written notation entered upon the face of an educator licensure designating additional specific subjects and/or grade levels which an individual is qualified to teach. Endorsements are earned by taking designated course work in a specific discipline area.

GPA hours: The number of semester hours for which grades of A, A-, B+, B, B-, C+, C, D, or F are recorded.

Grade point: The numerical value given to letter grades. See Grading System.

Grade point average (GPA): A student's scholastic average, computed by dividing the total number of grade points earned by the total number of credit hours attempted at NIU.

Half-session courses: Courses which are offered for the first or second half of an academic term, rather than a full term.

Hold: See "Encumbrance."

Honors courses: Special courses or sections of courses designed to offer intellectual challenge and personal attention to particularly able students. Honors courses are identified by an H suffix on the course number.

Incomplete: A grade (I) sometimes granted when a student is temporarily unable to complete course requirements or take a final examination because of unusual personal circumstances.

Major: An extensive program of study in a designated subject area at the undergraduate level.

Minor: A limited course of study in a designated subject area at the undergraduate level. A student may not take a minor offered by the department of his or her major unless this is specifically permitted in the description of the minor.

Nondegree student: An undergraduate student who is not currently seeking a degree.

Part-time student: A student who takes fewer than 12 semester hours during the semester or fewer than 6 semester hours during the summer session.

Prerequisite: A requirement, usually completion of a course, which should be met before a student can register for a course.

Proficiency examination: A way for a student to receive course credit for individual or special study. Proficiency examinations are administered by academic departments and the Office of Testing Services. See "Credit by examination."

Readmission: A procedure by which a student who was previously enrolled in the university but whose attendance was interrupted for more than one year is reaccepted into NIU.

Recognized institution: An institution in a country outside of the U.S. that is recognized by that nation's Ministry of Education, or similar authority, as a post-secondary, academic-degree-granting-institution.

Reinstatement: An admission procedure followed by a student who was formerly enrolled in the university but was academically dismissed.

Semester hour: The University's unit of academic credit reflecting a standard expectation of course activity.

Semester Withdrawal: Refers to the process of un-enrolling from all courses for the semester in question, regardless of when it occurs in the semester.

Transcript: A copy of a student's permanent academic record at a particular institution.

Visiting student: A student who is regularly enrolled at another institution but who is taking courses at NIU. Application for this status should be made to the Office of Admissions.

Withdrawal: Formal action by which a student officially discontinues participation in a course; a record of enrollment remains on the student's permanent academic record.

An Introduction to NIU

Northern Illinois University (NIU) is a student-centered, nationally recognized public research university. Through our main campus in DeKalb and our education centers in the region, the university offers more than 100 areas of study, with programs spanning the sciences, humanities, arts, business, engineering, education, health and law.

We offer six types of degrees at the baccalaureate level: Bachelor of Arts (B.A.), Bachelor of Science (B.S.), Bachelor of Music (B.M.), Bachelor of Fine Arts (B.F.A.), Bachelor of Science in Education (B.S.Ed.), and Bachelor of General Studies (B.G.S.).

Our basic undergraduate curriculum consists of a minimum of 120 semester hours, 29-41 of which are devoted to general education courses providing a foundation for advanced and specialized study.

NIU has selective entrance requirements; students who meet them can reasonably expect to graduate from the university. New students who have decided on a major field of study are assigned to the college offering their major. is offered. Undecided students may find that the general education courses, which all students take, will help them determine a major. Within certain limits, students are free to change their majors as their goals change.

Some programs have enrollment ceilings, but everyone admitted to NIU is eligible to compete for places in such programs. Competitive programs screen students through a set of pre-major courses.

The quality of NIU's undergraduate education is very high, largely because of the connection between undergraduate and graduate programs. In most fields, undergraduates will study with professors who are producing important research, scholarship, and/or artistry in their disciplines. NIU also supports student success through academic advising, personal counseling, and career and placement counseling. As a residential university, we provide cultural, athletic, and other co-curricular activities within an atmosphere designed to enrich the undergraduate learning experience.

The main NIU campus is in DeKalb, Illinois, a community of about 40,000 people located, 65 miles west of Chicago. Our community offers a small-town feel, while at the same time providing the cultural advantages associated with access to a world-class city. Many NIU programs are enhanced by the university's proximity to major industries, federal research laboratories, and a large alumni base in Chicago and its suburbs, providing opportunities for internships and clinical experiences. The high-quality academic programs, wide array of career choices, residential community benefits and ideal location make NIU an excellent choice for an undergraduate education.

Northern Illinois University Mission and Scope

Northern Illinois University's vision is to be an engine for innovation to advance social mobility; promote personal, professional and intellectual growth; and transform the world through research, artistry, teaching and outreach.

Our mission is to empower students through educational excellence and experiential learning as we pursue knowledge, share our research and artistry, and engage communities for the benefit of the region, state, nation and world.

In pursuing our vision and fulfilling our mission, we value and practice:

- Curiosity and creativity.
    - We provide our students active learning experiences.
    - We champion innovation.
    - We commit our resources to supporting students, faculty and staff in their research, artistry and professional development.

- Equity and inclusion.
    - We seek and are strengthened by the diverse perspectives and experiences of our university community members.
    - We use an inclusive decision-making process.
    - We appreciate and respect every member of our community.

- Ethics and integrity.
    - We prepare our students to become global leaders who work to build a better society.
    - We model ethical behavior in and out of the classroom.
    - We are transparent and accountable to our stakeholder.

- Service and stewardship.
    - We serve society and confront local, national and global challenges through collaborations that improve our learning, teaching and research.
    - We make accessible the knowledge and resources we create.
    - We promote our students' success through advising and mentoring.

Recognizing that our students will need to be lifelong learners, we provide them with a foundation in critical thinking, communication, and creativity.

NIU also makes significant contributions to the expansion of knowledge. Active programs in research and artistry promote intellectual vitality and enrich our instructional mission and service to the broader community. We enthusiastically accept our responsibility to contribute to the nation's scientific and technological leadership, to support advances and

innovations in education, to bring ideas to bear on issues of public policy, to contribute to the sustained appreciation of our diverse cultural heritage, and to prepare a new generation of scholars and educational leaders.

The ever-changing demands of society require the continuing development of our high quality academic and professional programs. We seek to recruit and retain faculty of national stature from diverse cultural and ethnic backgrounds. We strive to maintain access for all segments of the population, and, within the constraints of our budget, intend to admit those who can meet university entrance standards, to retain those who can benefit from our programs, and to educate students to the extent of their capabilities and desires.

In pursuit of these objectives, NIU currently offers programs of study in the Colleges of Business, Education, Engineering and Engineering Technology, Health and Human Sciences, Law, Liberal Arts and Sciences, and Visual and Performing Arts. The university awards the baccalaureate degree in a wide range of programs and offers a comprehensive set of master's degrees, the Juris Doctor, a limited number of sixth-year programs, and the Doctor of Education and the Doctor of Philosophy. The university's undergraduate student body is drawn primarily from within the state. The institution's professional programs are designed to be especially attractive to employed adults, in that courses are offered both on and off campus and are scheduled to accommodate the needs of the working public. Northern's doctoral programs draw from a national and international student base and build upon the programmatic strengths of the institution. Northern Illinois University's history reflects flexibility in the face of change and consistency in the pursuit of excellence. In this, the university expects its future to confirm its past.

NIU's undergraduate student body is drawn primarily from within the state. Our professional programs are designed to be especially attractive to employed adults, in that courses are offered both on and off campus and are scheduled to accommodate the needs of the working public. NIU's doctoral programs draw from a national and international student base and build upon the programmatic strengths of the institution.

Accreditation and Affiliation

Northern Illinois University is accredited by the Higher Learning Commission, one of six regional institutional accreditors, which accredits degree-granting post-secondary educational institutions in the United States. NIU is included in the Doctoral Universities (High Research Activity) category of the Carnegie Foundation for the Advancement of Teaching and has been identified for Community Engagement under the Carnegie Foundation Elective Classifications.

The university and its colleges have institutional membership or other affiliations in or with the American Association of State Colleges and Universities (AASCU), American Association of Colleges for Teacher Education, American Council on Education (ACE), Association of Governing Boards of Universities and Colleges (AGBUC), Association of Public and Land-Grant Universities (APLU), Council of Graduate Schools, and Universities Research Association.

The university is also fully accredited by the Council for Accreditation of Educator Preparation (CAEP) to offer teacher education programs and offers several educator licensure programs that are approved by the Illinois State Board of Education.

In the College of Business, programs leading to the baccalaureate and master's degrees are accredited by AACSB International-The Association to Advance Collegiate Schools of Business.

In the College of Education, the M.S.Ed. in Counseling and Ph.D. in Counselor Education and Supervision are accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP). The M.S. Ed. in Special and Early Education program offers two specializations that are accredited by the Association for Education and Rehabilitation of the Blind and Visually Impaired (AER).

In the College of Engineering and Engineering Technology, the undergraduate programs in electrical engineering, industrial and systems engineering, and mechanical engineering are accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET). In the technology program, the emphases in electrical engineering technology and manufacturing engineering technology are accredited by the Technology Accreditation Commission of ABET, and the emphasis in industrial management and technology is accredited by the Association of Technology, Management, and Applied Engineering (ATMAE).

In the College of Health and Human Sciences, the School of Allied Health and Communicative Disorders offers a D.P.T. program that is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE). The Au.D. and M.A. in Communicative Disorders with specializations in speech-language pathology and audiology are accredited by the Council on Academic Accreditation (CAA) in Audiology and Speech-Language Pathology. The specialization in marriage and family therapy in the Master of Science program in applied human developmenet and family sciences offered by the School of Family and Consumer Sciences is accredited by the Commission on Accreditation for Marriage and Family Therapy (COAMFTE). In the School of Family and Consumer Sciences, the Child Development and Family Center is accredited by National Association for the Education of Young Children (NAEYC) and the B.S. in human development and family sciences is approved by the National Council on Family Relations (NCFR). The undergraduate and graduate programs in nursing in the School of Nursing are accredited by the Commission on Collegiate Nursing Education (CCNE). The School of Health Studies offers the master of public health program that is accredited by the Council on Education for Public Health (CEPH), the B.S. in medical laboratory sciences that is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), and the graduate-level dietetic internship and the M.S. degree in nutrition and

dietetics programs that are accredited by the Accreditation Council for Education of Nutrition and Dietetics (ACEND); the undergraduate didactic program in nutrition, dietetics, and wellness is accredited by ACEND. The School of Interdisciplinary Health Professions offers the M.S. in rehabilitation counseling that is accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP).

In the College of Liberal Arts and Sciences, the B.S. in chemistry degree with emphases in professional chemistry and biochemistry is certified by the American Chemical Society (ACS). The clinical psychology and school psychology areas within the Doctor of Philosophy degree program in the Department of Psychology are accredited by the American Psychological Association (APA). The school psychology M.A. program leading to specialist-level certification is fully approved by National Association of School Psychologists (NASP) and the Council for the Accreditation of Educator Preparation (CAEP). The Master of Public Administration degree offered by the Department of Public Administration is accredited by the National Association of Schools of Public Affairs and Administration (NASPAA).

Within the College of Visual and Performing Arts, the programs in art, music, and theatre arts are accredited, respectively, by the National Association of Schools of Art and Design (NASAD), the National Association of Schools of Music (NASM), and the National Association of Schools of Theatre (NAST).

Visit the Office of Institutional Effectiveness homepage for more information on accrediation and affiliation.

The Campus

The DeKalb Campus

NIU's 756-acre campus is located in the city of DeKalb, a community of about 40,000 located 65 miles west of Chicago along Interstate I-88. Our campus features two lagoons, a wooded area, and more than 100 buildings; ranging from student housing to specialized laboratories and from recreational facilities to our newly renovated Holmes Student Center. The first building on campus, Altgeld Hall, completed in 1899 and originally known as "the Castle on the Hill," has been completely renovated to include amenities and technology to meet modern demands.

Regional centers: NIU Naperville and NIU Rockford

The NIU Regional Centers at Naperville and Rockford are multi-purpose, providing space for NIU academic programs, corporate conference space, and university-community engagement functions. These facilities provide daytime space to businesses, organizations, and associations in a professional environment ideal for training sessions, meetings, and special events. As regional sites, the Naperville and Rockford centers provide evening and Saturday classroom and computer laboratory space for NIU's academic programs. The credit courses typically available at the centers are offered at the graduate level and the upper-division, undergraduate level.

Offices on NIU's DeKalb campus handle all admissions, registration, advising, class scheduling, class materials, and specific information regarding classes offered at all regional site locations.

The Lorado Taft Field Campus in Oregon, Illinois, is home to outdoor education activities for K-12 students.These regional sites are available for meetings, conferences, workshops, and retreats. or log on to https://www.niu.edu/conferencecenters/.

University Office Hours

Most administrative offices are open Monday through Friday from 8 a.m. to 12 noon, and from 1 to 4:30 p.m. University office hours are subject to change. All offices are closed on legal holidays.

Visitors may obtain information at the Altgeld Welcome and Information Center. Prospective students may obtain information at the Office of Admissions, Williston Hall, from 8:30 a.m. to 4:30 p.m., Monday through Friday, or schedule a Saturday visit from 10:30 a.m. to 12:30 p.m. at Cole Hall.

Faculty Office Hours

Faculty members who teach maintain regular office hours or provide other means to promote student-faculty consultation, in accordance with department policy. These office hours are included in course syllabi and publicly posted each academic term. Arrangements more convenient to students than office visits (e.g., e-mail or chat groups) may be substituted for office hours where provided for by department policy.

The Academic Year

The academic year consists of two semesters of about 16 weeks each, and a summer session which includes freshman-level courses for recent high school graduates who wish to begin college work immediately.

Undergraduate Academic Programs

Undergraduate programs at NIU are organized under the Colleges of Business, Education, Engineering and Engineering Technology, Health and Human Sciences, Liberal Arts and Sciences, Visual and Performing Arts, and Office of the Provost. Each of these six colleges coordinates programs for a group of departments of related disciplines and offers specialized academic services for students majoring in one of its departments. Almost every department has one or more major programs; many majors include specific emphases.

The Baccalaureate Experience

Northern Illinois University is a large, complex institution with a mission that includes a strong commitment to undergraduate education. Central to this commitment is the establishment of an intellectual environment that encourages the formation of the essential habits of the educated person; these are curiosity, rigorous observation, tolerant understanding, and informed judgment. The diverse academic programs in each of the distinctive colleges are unified by common expectations for the achievement of the baccalaureate degree.

The NIU baccalaureate degree experience enables graduates to think critically, create, and communicate by participating in an engaged learning environment to prepare for success in a diverse, global society. This learning environment emphasizes the importance of context. Graduates will be prepared to understand the impact of history on modern society, the relationship between our society and others around the globe, and the unity and diversity of the American experience. Students will be exposed to a broad range of experiences and knowledge through the study of natural science, social science, the humanities, and the arts. Students will develop their knowledge, capacities, and abilities through an intentionally developed curriculum that integrates general education, the students' majors, and opportunities outside the classroom. NIU graduates will become life-long learners who are empowered, informed, and responsible citizens.

Goal definitions-The "Three Cs"

Critical thinking-involves literacy, reflectivity, and understanding how to gather and make sense of various forms of information before accepting or formulating an opinion or conclusion.

Creativity-uses a combination of imagination, intellect, insight, and emotion to solve problems and transform existing ideas, images, or techniques in innovative and original ways.

Communication-includes the mastery of basic skills, such as language, technology, and collaboration.

Baccalaureate learning outcomes

The baccalaureate learning outcomes include:

- Integrate knowledge of global interconnections and interdependencies
- Exhibit intercultural competencies with people of diverse backgrounds and perspectives
- Analyze issues that interconnect human life and the natural world
- Demonstrate critical, creative, and independent thought
- Communicate clearly and effectively
- Collaborate with others to achieve specific goals
- Use and combine appropriate quantitative and qualitative reasoning skills to address questions and solve problems
- Synthesize knowledge and skills relevant to one's major or particular fields of study and apply them creatively to develop innovative outcomes.

Baccalaureate Degree Programs

Individual departments should be consulted in the catalog for major requirements and to determine emphases and areas of study which may be pursued within a major.

Baccalaureate Degrees Offered

Northern Illinois University offers the Bachelor of Arts (B.A.), Bachelor of Fine Arts (B.F.A.), Bachelor of General Studies (B.G.S.), Bachelor of Music (B.M.), Bachelor of Science (B.S.), and Bachelor of Science in Education (B.S.Ed.) degrees in six colleges. The following lists these degrees and indicates the colleges and departments/schools offering them.

Bachelor of Arts (B.A.) and Bachelor of Science (B.S.)

College of Business

Accountancy (B.S.)
Finance (B.S.)
Management (B.S.)
Marketing (B.S.)
Operations Management and Information Systems (B.S.)

College of Education

Applied Management (B.S.)
Kinesiology and Physical Education (B.S.)
Special and Early Education (B.S.)

College of Engineering and Engineering Technology

Biomedical Engineering (B.S.)
Electrical Engineering (B.S.)
Industrial and Systems Engineering (B.S.)
Mechanical Engineering (B.S.)
Mechatronics Engineering (B.S.)
Technology (B.S.)

College of Health and Human Sciences
Allied Health and Communicative Disorders (B.S.)
Family and Consumer Sciences (B.S.)
Health Studies (B.S.)
Interdisciplinary Health Professions (B.S.)
Nursing (B.S.)

College of Liberal Arts and Sciences
School of Public and Global Affairs
- Applied Management (B.S.)
- Economics (B.A./B.S.)
- Nonprofit and NGO Studies (B.A./B.S.)
- Political Science (B.A./B.S.)
- Public Administration

Actuarial Science (B.S.)
Anthropology (B.A./B.S.)
Biological Sciences (B.S.)
Chemistry and Biochemistry (B.S.)
Communication (B.A./B.S.)
Computer Science (B.S.)
Economics (B.A./B.S.)
English (B.A./B.S.)
Geography (B.A./B.S.)
Geology and Environmental Geosciences (B.S.)
History (B.A./B.S.)
Mathematical Sciences (B.S.)
Nonprofit and NGO Studies (B.A./B.S.) (See School of Public and Global Affairs)
Philosophy (B.A./B.S.)
Physics (B.S.)
Political Science (B.A./B.S.) (See School of Public and Global Affairs)
Psychology (B.A./B.S.)
Public Administration (See School of Public and Global Affairs)
Sociology (B.A./B.S.)
Statistics (B.S.)
World Languages and Cultures (B.A.)

College of Visual and Performing Arts
Art (B.A./B.S.)
Art History and Visual Studies (B.A.)
Music (B.A.)
Theatre Studies (B.A.)

Bachelor of Fine Arts (B.F.A.)

College of Visual and Performing Arts
Art Studio and Design
Dance Performance
Theatre Arts

Bachelor of General Studies (B.G.S.)

College of Engineering and Engineering Technology
College of Liberal Arts and Sciences

Bachelor of Music (B.M.)
College of Visual and Performing Arts
Music

Bachelor of Science in Education (B.S.Ed.)

College of Education
Curriculum and Instruction
Kinesiology and Physical Education
Special and Early Education

College of Health and Human Sciences
Health Studies

College of Visual and Performing Arts
Art and Design Education

Baccalaureate Degree Majors
The following list of undergraduate majors shows the degree(s) available. In addition, contract majors are offered by the Colleges of Education (B.S.), Engineering and Engineering Technology (B.S.), Health and Human Sciences (B.S.), Liberal Arts and Sciences (B.A. and B.S.), and Visual and Performing Arts (B.A.)

Accountancy-B.S.
Actuarial Science-B.S.
Anthropology-B.A. and B.S.
Art-B.A. and B.S.
Art and design education-B.S.Ed.
Art history and Visual Studies-B.A.
Art studio and design-B.F.A.
Biological sciences-B.S.
Biomedical engineering-B.S.
Business administration-B.S.
Chemistry-B.S.
Communication studies-B.A. and B.S.
Communicative disorders-B.S.
Computer science-B.S.
Dance performance-B.F.A.
Early childhood education-B.S.
Economics-B.A. and B.S.
Electrical engineering-B.S.
Elementary education-B.S.Ed.
English-B.A. and B.S.
Environmental Studies--B.A. and B.S.
Fashion merchandising--B.S.
Finance-B.S.
Geography-B.A. and B.S.
Geology and environmental geosciences-B.S.
Health sciences-B.S.
History-B.A. and B.S.
Hospitality and Toursim Management-B.S.
Human development and family sciences-B.S.
Industrial and systems engineering-B.S.
Journalism-B.A. and B.S.
Kinesiology-B.S.
Management-B.S.

Marketing-B.S.
Mathematical sciences-B.S.
Mechanical engineering-B.S.
Mechatronics engineering-B.S.
Medical laboratory sciences-B.S.
Meteorology-B.S.
Middle level teaching and learning-B.S.Ed.
Music-B.A. and B.M.
Nonprofit and NGO studies-B.A. and B.S.
Nursing-B.S.
Nutrition, dietetics, and wellness-B.S.
Operations and information management-B.S.
Philosophy-B.A.
Physical education-B.S.Ed.
Physics-B.S.
Political science-B.A. and B.S.
Psychology-B.A. and B.S.
Public health-B.S.
Rehabilitation and Disability Services-B.S.
Sociology-B.A. and B.S.
Special education-B.S.Ed.
Sport management-B.S.
Statistics-B.S.
Technology-B.S.
Theatre arts-B.F.A.
Theatre studies-B.A.
World languages and cultures--B.A.

Honors Program

The University Honors Program (UHP) provides an enriched educational experience for students of high academic promise and achievement who have a commitment to excellence. The UHP program is open to students in all undergraduate colleges and provides its students with uniquely designed and specially taught courses; access to award-winning professors; a low student-to-faculty ratio; a blend of co-curricular programming; Honors only research programs; specialized advising; a living-learning community; specialized internships; and Honors-only scholarships, tuition waivers, and awards.

University Honors Program courses differ from other courses in that they encourage more open exchange between students and professors, are designed to engage students in practical and enhanced learning opportunities, and provide direct access to the best faculty both inside and outside the classroom. Honors students culminate their experience with an in-depth Capstone Project, where students are encouraged to pursue a subject of their choosing and develop their interests through independent, yet guided, research, study, or artistry.

Graduation with UHP recognition frequently gives students a distinct advantage in applying for professional or graduate school and for employment as they can articulate both their curricular and co-curricular accomplishments. In particular, the UHP has preferred admission agreements with several NIU graduate programs and the College of Law. The following is a current list of partners:

- Accelerated B.A. or B.S./J.D. Undergraduate Program and the College of Law*
- Accelerated B.S. or B.A./M.A. Program in Political Science
- Accelerated B.S./M.S. in Electrical Engineering
- Accelerated B.S./M.S. in Industrial and Systems Engineering
- Accelerated B.S./M.S. in Mechanical Engineering
- Global MBA
- M.A. Communicative Disorders Specialization in Speech-Language Pathology
- M.A. in Sociology
- Master of Accountancy (MAC)
- M.P.A. in Public Administration
- M.S.Ed. in Adult and Higher Education
- M.S.Ed. in Early Childhood Education
- M.S.Ed. in Educational Research and Evaluation
- M.S.Ed. in Kinesiology
- M.S.Ed. in Special Education
- M.S.Ed. in Sport Management
- M.S. in Computer Science
- M.S. in Data Analytics
- M.S. in Industrial Management
- M.S. in Management Information Systems
- M.S. in Nursing Education; D.N.P./Doctor of Nursing Practice
- M.S. in Nutrition and Dietetics
- M.S. in Rehabilitation Counseling
- M.S. in Statistics
- M.S. or Ph.D. in Chemistry

Please consult the specific catalog section of each program for additional details

*Consistent with the American Bar Association requirements, for students to take advantage of this opportunity they must submit an application for review, successfully complete a minimum of ¾ of their undergraduate course work, and earn a score on the LSAT at or above the 50th percentile of the previous year's matriculating law class. UHP students in good standing in the program who are not pursuing a major with an existing accelerated program agreement with the NIU College of Law are eligible for this accelerated program.

All curricular UHP credit can apply toward graduation requirements, which allow students to complete the UHP program with minimum burden. Students may also withdraw from the UHP program at any time without loss of credit.

Program of Study

The program is divided into two distinct options for students to complete - each with its own separate requirements. The Associate University Honors option requires a combination of six (6) curricular and co-curricular activities. Specifically, students who elect to pursue this distinction are required to complete a minimum of three (3) honors designated courses. Each honors course must be greater than or equal to three-credits to count towards Associate University Honors

requirements. Among the three honors designated courses, students are required to have one (1) outside the major, and one University Honors Seminar. In addition, students must complete a minimum of two (2) Honors Engaged approved co-curricular activities. As well as a minimum of three (3) honors designated courses and a minimum of two (2) Honors Engaged approved co-curricular activities, students must complete one elective, which is satisfied either through an additional honors designated course or an additional co-curricular experience that is approved through Honors Engaged.

The second option is Full University Honors and requires students to complete a combination of six (6) honors designated courses, four (4) Honors Engaged approved co-curricular activities, and two (2) electives, satisfied either through additional honors designated course work or Honors Engaged approved experience(s) or a combination of the two options. Each course must be greater than or equal to three-credits count towards Full University Honors requirements. Students must complete three (3) of the honors designated courses outside their major, and honors coursework must also include one (1) University Honors Seminar, and one (1) Honors Capstone independent study project usually completed during the senior year. (Students may elect to begin the Associate University Honors option, successfully fulfill the requirements, and then continue in pursuit of Full University Honors - with all previous credit accrued counting towards the requirements of the latter.)

Within either option, students may earn honors course credit in general education, elective, and major courses with a grade of B- or higher. To remain in good standing in the program and eligible for graduation with honors distinction, students must maintain a minimum overall GPA of 3.3.

Course List

Honors curricular credit is earned when a course is honors designated through an "H" after the course designator and number or when the course designator is HON. University Honors Seminars may be courses from particular colleges and departments, or, in some cases, are from the Honors course list provided here. Seminars labeled HON 300 Topics A-C earn general education credit in the knowledge domain listed in the course description; seminars labeled HON 400 Topics A-C identify seminars that earn both general education credit in the knowledge domain listed in the course description and writing infused credit; seminars labeled HON 400 Topic D earn writing infused credit; seminars labeled HON 410 earn human diversity credit; seminars labeled HON 410 Topics A-C identify seminars that earn both general education credit in the knowledge domain listed in the course description and human diversity credit. Seminars labeled HON 410 Topic D earn Human Diversity credit. HON 420 Topics A-C identify seminars that earn general education credit in the knowledge domain listed in the course description, writing infused credit, and human diversity credit; seminars labeled HON 420 Topic D earn writing infused and human diversity credit. All the HON designated courses satisfy the University Honors Seminar requirement.

In cases where a student wants to repeat the same Honors Seminar for the third or subsequent enrollment for grade improvement, they will require permission from UHP in addition to their major college (or Academic Advising Center for students with no college affiliation) and the department offering the course.

- HON 310 Honors Seminar Credits: 3
- HON 300 Topic A Honors Seminar: Creativity and Critical Analysis Credits: 3
- HON 300 Topic B Honors Seminar: Nature and Technology Credits: 3
- HON 300 Topic C Honors Seminar: Society and Culture Credits: 3
- HON 400 Topic A Honors Seminar: Creativity and Critical Thinking & Writing Infused Credits: 3
- HON 400 Topic B Honors Seminar: Nature and Technology & Writing Infused Credits: 3
- HON 400 Topic C Honors Seminar: Society and Culture & Writing Infused Credits: 3
- HON 400 Topic D Honors Seminar: Writing Infused Credits: 3
- HON 410 Topic A Honors Seminar: Creativity and Critical Thinking & Human Diversity Credits: 3
- HON 410 Topic B Honors Seminar: Nature and Technology & Human Diversity Credits: 3
- HON 410 Topic C Honors Seminar: Society and Culture & Human Diversity Credits: 3
- HON 410 Topic D Honors Seminar: Human Diversity Credits: 3
- HON 420 Topic A Honors Seminar: Creativity and Critical Thinking, Writing Infused & Human Diversity Credits: 3
- HON 420 Topic B Honors Seminar: Nature and Technology, Writing Infused & Human Diversity Credits: 3
- HON 420 Topic C Honors Seminar: Society and Culture, Writing Infused & Human Diversity Credits: 3
- HON 420 Topic D Honors Seminar: Writing Infused & Human Diversity Credits: 3
- HON 499: Honors Capstone Project Credits: 3-6

Admission Requirements

The UHP welcomes not only freshmen but students who wish to enroll in the UHP during or after their freshman year, either from within NIU, as transfer students, or as graduates of community colleges with an associate's degree (A.A. or A.S.) in a baccalaureate-oriented program.

Admission into the UHP is based on a holistic review of applications, including GPA, UHP admission essay, and other information provided in the application. Students whose record of achievement reflects quality work but who do not meet the criteria for admission are invited to apply for admission on provisional status.

Honors Transfer Credit

Students who have previously completed Honors course work or completed co-curricular experiences may have these counted for up to half the requirements to complete the

program. Students may transfer a combination of three (3) or fewer courses and co-curricular experiences for Associate University Honors, and may transfer a combination of six (6) or fewer courses and co-curricular experiences for Full University Honors. For such credit to be applied the following conditions must be met:

- The Honors course work must have been completed in an established Honors Program that is a member of the National Collegiate Honors Council or Honors Council of the Illinois Region, or must be part of an Honors program vetted by the NIU UHP.
- The Honors course work must be accepted by NIU toward the student's major(s), minor(s), or general education requirements, or as electives.
- A grade of B- or better must have been earned in the Honors course work offered for honors transfer credit.
- Co-curricular activities must meet the standards of Honors Engaged as determined by the NIU UHP.
- The Honors seminar requirement (for Associate University Honors and Full University Honors) and the capstone requirement (for Full University Honors) must be fulfilled at NIU.
- It is the student's responsibility to provide documentation of Honors course work and co-curricular activities to the NIU UHP for evaluation and verification.

Degrees with Distinction

Students who complete the requirements of Associate University Honors will have this designated on the official transcript.

Students who complete the requirements of Full University Honors will have this designated on the official transcript and diploma.

Additional Program Services

The UHP provides all of its students with special curricular, and co-curricular programming.

All first-year and new transfer students are required to attend an orientation program held at NIU's Lorado Taft Field Campus where they are introduced to the program's full complement of offerings, work with the University Honors Fellows, and learn how to be successful at NIU.

Other services include priority registration for all courses, Honors Preferred Program (which provides discounts to students at local businesses), extended borrowing privileges for all library materials, dedicated regular and special advising and help in designing an academic program, a living-learning community in Honors House located in New Residence Hall Complex, externship programs, and a variety of extracurricular academic, professional development, community service, and social events. University Honors students also have opportunities to participate in special honors seminars on leadership, ethics, and microfinance; to study abroad in a variety of locations; to participate in peer leadership positions; to be named as University Honors Scholars; and to attend state, regional, and national conferences.

Further information about the University Honors Program may be obtained by visiting the University Honors Center in the Campus Life Building (CLB) 110, calling 815-753-0694, sending an e-mail to honors@niu.edu, or visiting the website at www.honors.niu.edu/honors.

McKinley "Deacon" Davis CHANCE Program

The McKinley "Deacon" Davis CHANCE Program provides academic, social, financial, and organizational guidance through personalized coaching and a unique campus-wide support system to ensure long-term student success. NIU will conduct a holistic review of each student application to determine eligibility for the CHANCE program and if the student would benefit from its services. Identified students are anticipated to participate in the CHANCE program.

Educator Licensure Programs

See "Educator Licensure Requirements."

Assessment at Northern Illinois University

Northern Illinois University engages in assessment processes to answer important questions about the quality of students' baccalaureate experiences. Assessment student learning outcomes is one of the ways the university measures the extent to which it fulfills its educational mission. Information gained from programmatic assessment processes helps the university improve courses, degree programs, and academic and student support services. Additionally, assessment activities provide information that is required at the state and national levels for certification and accreditation purposes. Most importantly, assessment processes help us gauge how well the university is meeting students' needs.

Many assessment activities at NIU occur as a part of instruction within the degree program. Other assessment activities, including testing, surveys and projects, occur with the goal of measuring students' knowledge and skills by evaluating performance at selected points in time. As students progress through degree programs, they will be expected to participate in assessment measures, which they should complete to the best of their abilities. Students' performances on these measures reflect on the quality of the university and its undergraduate programs. Although summary data may be published or presented at conferences, student performance data are aggregated; no individual student information is reported.

Questions regarding assessment should be directed to Accreditation, Assessment, and Evaluation, assess@niu.edu, or visit us at go.niu.edu/assessment.

Admission

Some majors, emphases, and areas of study offered by NIU limit admissions**. Admission to NIU does not guarantee admission to a specific major.** See "Limited Admissions and Limited Retention Requirements" in this section of the catalog and individual department sections.

Undergraduate Admission

Northern Illinois University recognizes that the principles of cultural diversity and global awareness are essential to learning and striving for excellence in the higher educational environment. In recognition of this commitment, NIU expressly prohibits the consideration or use of race, color, national origin, sex, religion, age, physical or mental disability, marital status, veteran status, sexual orientation, political affiliation, status as a victim or perceived victim of domestic or sexual violence or any other factor unrelated to professional qualifications as a basis for any employment decision, in its admission procedures, and in access to its programs. Factors such as academic record, test scores, special talents or ability, personal character, and references may be taken into consideration in the admission process.

Applicants will be considered for admission to the university if they meet the requirements specified under any of the following headings.

Freshmen
Transfer Students
Illinois Public Community College Graduates
International Students
Postbaccalaureate Students

Applicants who desire to enroll for a limited period at the university may find information about these opportunities under the following heading.

Visiting Students

Former NIU students should refer to the section "Readmission of Former NIU Students."

Applicants must meet additional criteria and/or submit additional documents if they wish to be considered for admission to the following units that administer limited admissions majors, emphases, and/or areas of study. See "Limited Admissions and Limited Retention."

Some programs have limited retention. See individual colleges and departments for specific requirements.

Application Procedure

Application Materials

Correspondence about undergraduate admission to the university should be addressed to the Office of Undergraduate Admissions, Northern Illinois University, 1425 W. Lincoln Highway, DeKalb, Illinois 60115-2857. All applicants may be requested to submit the following materials.

A formal application for admission.
An official high school transcript indicating courses completed.
An official transcript from each college attended.

Any students who attend high schools that do not provide grades, use competency grading, assess on a non-traditional scale or, those with a GED passing score may be asked to submit additional qualitative information such as a personal statement(s) and/or an admissions interview which look for characteristics that can include special talents, significant activities and accomplishments, leadership potential, personal commitment and goal orientation.

When to Apply

Students are encouraged to apply as soon as possible. Students can apply after the following dates.

Term	Apply After
Spring 2023	May 1, 2022
Summer 2023	August 1, 2022
Fall 2023	August 1, 2022

Application Deadlines

The completed application and all supporting documents must be on file in the Office of Admissions by the dates listed below. However, early application is strongly recommended.

Term	Deadline
Spring 2023	December 1, 2022
Summer 2023	May 15, 2023
Fall 2023	August 1, 2023

Please note that the actual size of the new class will be determined by the level of university resources available to maintain the quality of academic programs. The schedule on which applications will be reviewed provides for competitive admissions on a space-available basis. Thus, space limitations and/or budget constraints may necessitate earlier deadlines. Students whose high school GPA falls within the published guidelines for holistic review are asked to submit and complete their applications according to the Freshmen Petition Review deadlines.

Individual colleges and departments may also have earlier application deadlines. Please refer to the section titled "Limited Admissions and Limited Retention " for specific dates.

If any published application deadline date falls on a Saturday or a Sunday, complete applications and all supporting documents will be accepted on the immediately following Monday.

Students applying for reinstatement, for a change to degree status, or for transfers petitioning their admission decision, completed applications and all supporting materials must be on file by the following dates.

Term	Deadline
Spring 2023	December 1, 2022
Summer 2023	May 15, 2023
Fall 2023	August 1, 2023

ACT/SAT Scores Not Required

ACT and SAT scores are not required for admission to Northern Illinois University. For those applicants, regardless of GPA, who are applying to programs with limited admissions requirements (which may include an SAT or ACT), they must still meet those requirements for admissions consideration. See Limited Admissions Requirements. The ACT code for NIU is 1102 and the SAT code for NIU is 1559.

Admission to Major Programs

Applicants declare their major on the application for university admission. The declared major indicates an area of interest and does not guarantee admission to a degree program in that specific area. Procedures for declaring a major are described in the "Academic Regulations" section of this catalog.

The university's undergraduate academic work is organized under the Colleges of Business, Education, Engineering and Engineering Technology, Health and Human Sciences, Liberal Arts and Sciences, and Visual and Performing Arts. Individual colleges control admission to degree programs. The selection of any courses to be required prior to admission to a major will be determined by each college or department in accordance with its respective expectations. In general, students are strongly encouraged to complete successfully the foundational studies requirements and some general education courses early in their programs of study.

Immunization Policy

All students enrolled in on-campus courses are required by the Illinois College Student Immunization Act (110-ILCS 20) and University policy, to be compliant with the following requirements:

- Three (3) vaccines that contain Tetanus/Diphtheria/Pertussis, one of which must be a Tdap vaccine. The last dose of vaccine must be within 10 years. Vaccines must be at appropriate intervals (#1 and #2 at least 28 days apart, #3 no less than 6 months after #2). Tetanus toxoid (TT or Tetanus) is not acceptable.
- Two (2) Measles, Mumps, Rubella (MMR) valid vaccines after the first birthday, at least 28 days apart. If students are unable to provide proof of MMR vaccines, serologic evidence (IGG antibody titers), a copy of lab report to prove positive immunity is acceptable.
- One (1) Meningococcal conjugate vaccine after the age of 16 for newly admitted students starting spring 2017 and under the age of 22. Meningitis or Meningococcal vaccinations are not acceptable.

Documentation of immunity must be complete and on file at the Immunization Compliance and Records office before the following dates:

Fall term enrollment: August 1st
Spring term enrollment: January 1st
Summer term enrollment: June 1st

Failure to provide the required documentation by the 10th day of the semester will result in a registration hold for the subsequent semester. You will be notified at your NIU zID e-mail account if any documentation information is incomplete. Immunization information may be obtained from the Immunization Compliance and Records web page or by calling 815-753-9585.

Meningococcal Meningitis

The Center for Disease Control's Advisory Committee on Immunization Practices (ACIP) recommends that college freshman living in residence halls be immunized against meningococcal disease. The ACIP recommendation further states that other college students under 25 years of age who wish to reduce their risk for the disease may choose to be vaccinated.

Meningitis is an inflammation of the linings of the brain and spinal cord that is caused either by viruses or bacteria. Viral meningitis is generally less severe and resolves without specific treatment. Bacterial meningitis, especially meningococcal meningitis, is more serious and can result in permanent neurologic damage or death.

Meningococcal meningitis commonly begins with high fever, headache, and stiff neck that develop over a period of several hours to two days. Other symptoms may include nausea, vomiting, confusion, drowsiness and discomfort looking at bright lights. Meningococcal meningitis is spread through exchange of oral and respiratory secretions (i.e., coughing, kissing, and sharing eating utensils), not through casual contact. Individuals who live in the same household or have direct contact with an infected person's oral secretions are at an increased risk of acquiring the infection.

Two vaccines are available that protect against four of the five strains (or types) of the bacterium that cause meningococcal disease. While both vaccines provide immunity for a number of years to approximately 90% of those who are vaccinated,

neither medication confers lifelong immunity to meningococcal meningitis.

Admission Criteria

Criteria for Freshman Admission

ACT/SAT Scores Not Required

Individuals will be considered for admission if they meet one of the following sets of criteria, weighted and unweighted GPA will be considered:

Applicants who have graduated or will graduate from a secondary school prior to enrollment at NIU will be assessed for admissions utilizing the following criteria:

Applicants who have a GPA of at least 3.00 on a 4.00 scale, are eligible for automatic admittance to NIU.

Applicants who have a GPA between 2.50 and 2.99 on a 4.00 scale will have their application go before the Office of Undergraduate Admission for a decision based on a holistic review. Applicants who are not initially admitted by the Office of Undergraduate Admissions can make an appeal for an additional holistic review by the University Review Committee. The University Review Committee is composed of key stakeholders from across the university, including one member from each college at NIU.

Applicants who have a GPA between 2.00 and 2.49 on a 4.00 scale will have their application go before the University Review Committee for a decision based on a holistic review. The University Review Committee is composed of key stakeholders from across the university; including one member from each college at NIU. Students admitted through the University Review Committee are automatically selected to participate in the CHANCE program.

For those applicants, regardless of GPA, who are applying to programs that require a portfolio review, audition, or other limited admissions requirements (which may include an SAT or ACT), they must still meet those requirements for admissions consideration. See Limited Admissions Requirements.

To support NIU's mission, **the holistic admission review is flexible, highly individualized, and evaluates academic and contextual factors such as:**

- Academic course rigor pursued compared to available courses.
- Academic performance and trends in core courses.
- 7th semester academic performance.

For select applicants, additional qualitative information can be requested and considered such as a personal statement and/or an admissions interview which look for characteristics that can include special talents, significant activities and accomplishments, leadership potential, personal commitment and goal orientation.

All applicants must have successfully completed the following high school courses (one unit equals one year).

English. Four units (three of which must be courses emphasizing written and oral communication and literature).

Mathematics. Three to four units of college preparatory mathematics, including one year of geometry and one year of advanced algebra and/or trigonometry. For students intending to major in mathematics, science, business, or engineering, four years of college preparatory mathematics are very strongly recommended. Further, all students, regardless of intended major, are strongly encouraged to take a mathematics course or a course with a mathematics prerequisite during the year before they enroll in a mathematics course at NIU.

Science. Two to three units (two of which must be courses in the physical or biological sciences). One unit must be a laboratory science.

Social Studies. Two to three units (one of which must be U.S. history or a combination of U.S. history and government).

Foreign Language, Art, Music, or Vocational Education. One to two units (one of which must be course work in foreign language, art, or music).

Additional Course Work. Up to three units of the required fifteen may be distributed throughout any of the five categories of course work listed above. Vocational education may satisfy up to three of the units.

Students who complete the required fifteen units in college preparatory courses including two years of a foreign language, advanced mathematics, composition, literature, and at least one unit in chemistry or physics will be more likely to (a) qualify for advanced placement or proficiency credit and (b) complete their programs of study within the amount of time anticipated for a given baccalaureate degree from NIU.

Applicants who have attempted transferable college-level credit at the time of application, and are entering the University in the academic year following their graduation from secondary school or its equivalent are evaluated using freshman admission requirements.

Applicants who are not high school graduates must have attained high school equivalency through General Educational Development (GED) tests. In addition to a GED passing score, applicants will be required to submit qualitative information such as a personal statement(s), and/or an admissions interview which look for characteristics that can include special talents, significant activities and accomplishments, leadership potential, personal commitment and goal orientation. Applicants with a GED passing score will have their application go before the

University Review Committee for a decision based on holistic review.

Freshman Petition Review

Applicants who do not meet the GPA requirements for admission and who have been denied admission, may submit an appeal for a holistic review by the University Review Committee.

To request such a review, prospective freshmen must have a letter of petition on file in the Office of Admissions by the dates listed below. The letter should describe circumstances relevant to the petition, including information about academic potential that is not reflected in high school performance.

Term	Deadline
Spring 2023	November 15, 2022
Summer 2023	May 1, 2023
Fall 2023	July 15, 2023

Schedule for Application Review

Individuals who meet all applicable admission criteria will be notified of an admission decision as soon as possible following the completion of their application file. Students are encouraged to apply early. Applicants will be considered for admission as long as space is available.

The actual size of the new freshman class is determined by the level of university resources available to maintain the quality of the academic programs. The schedule on which applications are reviewed provides for competitive admissions on a space-available basis.

Transfer Students

To maintain the quality of academic programs, the number of transfer students admitted each semester will be determined by the level of university resources available. The schedule on which applications will be reviewed provides for competitive admission on a space-available basis. Early application is encouraged. Also see "Transfer Credit" under "Academic Regulations."

Transfer applicants must submit the following.

- A formal application for admission.
- An official high school transcript. (Applicants with 24 or more semester hours of transferable credit are not required to submit a high school transcript.)
- An official transcript from each college attended (sent by each college to the Office of Admissions).

Enrollment in courses offered at NIU which fulfill NIU's foundational studies requirement in mathematics requires an entry-skill level, determined through placement testing and/or explicit prerequisites, at least equal to that expected from the successful completion of an intermediate algebra course. Such a course is not offered by NIU. However, an intermediate algebra course offered by Kishwaukee College can be taken on the NIU campus.

Applicants who have attempted up to and including 12 semester hours of credit are evaluated as freshmen for admission purposes and must meet the current freshman admission requirements. The GPA earned for the attempted 12 hours or fewer will not affect the admission decision. (This policy has been developed to encourage students to take advantage of local post-secondary educational opportunities, either during their senior year in high school or during the summer before NIU enrollment, without jeopardizing their admission to NIU.)

Applicants who have attempted more than 12 semester hours but who have earned fewer than 24 semester hours of transferable college-level credit at the time of application must

> have a GPA of at least C (2.00 on a 4.00 scale) from all colleges attended (as computed by NIU standards).
> be in good standing at the last college attended.
> satisfy NIU's competitive transfer GPA.
> meet the current freshman admission criteria.

Applicants who have earned between 24 and 59 semester hours of transferable college-level credit at the time of application must

> have a GPA of at least C (2.00 on a 4.00 scale) from all colleges attended (as computed by NIU standards).
> be in good standing at the last college attended.
> satisfy NIU's competitive transfer GPA.

Applicants who have earned 60 or more semester hours of transferable college-level credit at the time of application must

> have a GPA of at least C (2.00 on a 4.00 scale) from all colleges attended (as computed by NIU standards).
> be in good standing at the last college attended.

Transfer Petition Review

Transfer applicants with 24 or more semester hours of transferable credit who petition for a review of their admission decision must have all documents that are required for transfer admission and a letter of petition on file in the Office of Admissions by the dates listed below. The letter should describe circumstances relevant to the petition, including information about educational and career goals.

Term	Deadline
Spring 2023	December 1, 2022
Summer 2023	May 15, 2023
Fall 2023	August 1, 2023

Illinois Public Community College Graduates

A graduate of an Illinois public community college who has not previously attended Northern Illinois University and who has completed a baccalaureate-oriented A.A., A.S., or A.A.T. degree in early childhood, secondary math, or special education will be admitted to NIU as long as space is available. The student will enter with junior standing and all NIU general education requirements will be considered complete if the student has the following qualifications prior to enrolling at NIU.

> An Associate in Arts (A.A.) or an Associate in Science (A.S.) degree or an Associate in Arts in Teaching (A.A.T.) degree in early childhood, secondary math, or special education in a baccalaureate-oriented program from an Illinois public community college.
> At least a C average (2.00 on a 4.00 scale) as calculated by the community college.
> At least 60 semester hours of credit.
> Good standing at the last college attended.

An Illinois public community college graduate with an Associate in Engineering Science, Associate in Arts in Teaching in secondary science, or an Associate in Fine Arts degree is eligible for admission to NIU but is not eligible for the benefits indicated above unless there is a formal agreement between institutions.

An Illinois public community college graduate with an Associate in Applied Science, an Associate in General Studies, or an Associate in Liberal Studies degree is not eligible for the benefits indicated above. These students will receive the same consideration for admission as other transfer students.

Former NIU students (non-degree, visiting, or regular) who have since attended a community college should refer to "Readmission of Former NIU Students."

An applicant from an Illinois public community college who has previously been a visiting or non-degree student at NIU and who wishes to enter NIU with junior standing and general education requirements considered complete must petition for these benefits in a letter accompanying the application. It is expected that students who petition will have met the basic minimum GPA and other requirements for the A.A. or A.S. degree or approved A.A.T. degree from the community college.

These benefits do not necessarily satisfy any additional course requirements that may be needed for a specific major program at NIU.

Questions regarding the Illinois Articulation Initiative GECC may be directed to the Transfer Center, 815-753-0446.

Out-of-State Public Community College Graduates

A graduate of a regionally-accredited, out-of-state, public community college who has not previously attended Northern Illinois University and who has completed a baccalaureate-oriented A.A. or A.S. degree and has met the following qualifications will meet NIU general education requirements and enter with junior standing.

- An Associate in Arts (A.A.) or an Associate in Science (A.S.) degree baccalaureate-oriented program from a public community college.
- At least a C average (2.00 on a 4.00 scale) as calculated by the community college.
- At least 60 semester hours of credit.
- Good standing at the last college attended.

An out-of-state public community college graduate with an Associate in Applied Science, an Associate in General Studies, an Associate in Liberal Studies degree, or any other associate degree as noted is not eligible for the benefits indicated above unless there is a formal agreement between institutions. These students will receive the same consideration for admission as other transfer students.

Former NIU students (non-degree, visiting, or regular) who have since attended an out-of-state public community college should refer to "Readmission of Former NIU Students."

An applicant from an out-of-state public community college who has previously been a visiting or non-degree student at NIU and who wishes to enter NIU with junior standing and general education requirements considered complete must petition for these benefits in a letter accompanying the application. It is expected that students who petition will have met the basic minimum GPA and other requirements for the A.A. or A.S. degree from the community college.

These benefits do not necessarily satisfy any additional course, GPA, or competitive admission requirements that may be needed for a specific college, major program, or graduation requirement at NIU.

Transfer Students from Illinois Community or Junior Colleges

An applicant who has attended an Illinois public community college but has not graduated with a baccalaureate-oriented A.A. or A.S. degree or approved A.A.T. degree will receive the same consideration for admission as all other transfer students. This policy also applies to all applicants who have attended or graduated from private or out-of-state community or junior colleges. All course work will be evaluated according to the standards and regulations stated for transfer students in the "Transfer Credit" section under

"Academic Regulations," and the student may find that general education requirements have been met.

Community college transfer students interested in teacher certification should carefully read the section "Educator Licensure Requirements."

Effective fall semester 1998 and after for new transfer students and students reentering NIU with an A.A. or A.S. degree or approved A.A.T. degree from an Illinois public community college, Northern Illinois University is a participant in the Illinois Articulation Initiative (IAI), a statewide agreement that allows transfer of the completed Illinois transferable 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. See "Transfer of Illinois Articulation Initiative Credit to NIU" and "Illinois Articulation Initiative Core Curriculum" for further information.

International Students

International undergraduate students are asked to submit the following materials for admission to NIU: Official school records from all schools attended (with official English translation, if necessary), official proof of English test (TOEFL, IELTS, or PTE Academic, or other acceptable test as per the International Admissions Office), and an admissions application. **Note: the ACT or SAT is not required for international freshmen applicants**. Upon being admitted, F-1 and J-1 students must also submit proof of financial ability in order to receive their immigration documents.

Fall semester deadlines are May 1 for students living outside the United States and June 15 for students living in the United States. Spring semester deadlines are October 1 for students living outside the United States and November 15 for students living in the United States.

Postbaccalaureate Students

Postbaccalaureate students are those who hold baccalaureate degrees from an accredited U.S. college or university, or from a recognized foreign institution, and wish to take additional undergraduate courses or to earn a second baccalaureate degree. To qualify for admission, a postbaccalaureate applicant must submit official transcripts from all previously attended institutions other than NIU. All credit will be evaluated from the perspective of the new major. Postbaccalaureate applicants are subject to the review procedures applicable to limited admission and retention programs. See "Limited Admissions Requirements" and individual college programs.

The NIU cumulative GPA for all postbaccalaureate students, including those whose initial baccalaureate degree was earned at NIU, will include only postbaccalaureate course work attempted at NIU.

Postbaccalaureate status allows a student to take 100- through 400- level courses for undergraduate credit only; a postbaccalaureate may not take courses for graduate credit.

An individual with a baccalaureate degree who wishes to take 500-, 600-, or 700-level graduate courses should apply to the Graduate School for admission as a graduate student or for student-at-large status. (See the *Graduate Catalog*.)

Whether postbaccalaureate or a graduate-level (graduate student or student-at-large) classification is the more appropriate depends on the student's academic objectives, and students are encouraged to consult with appropriate departmental or other academic advisers in making their choice. The student's classification may also affect eligibility for certain types of financial assistance, and students should contact a financial aid counselor in the Student Financial Aid Office for information. Students may request to change their classification from postbaccalaureate to graduate or vice versa. The change in classification must be requested by completing the appropriate application not later than the first regularly scheduled class day of the academic term for which it is to be effective.

Visiting Students

A student who has not previously enrolled in NIU as an undergraduate degree seeking student may apply for temporary admission and take courses as a visiting student. Visiting students are limited to 15 credit hours; those who wish to enroll in additional hours must reapply through the office of Admissions. Students enrolled in International Studies programs are not subject to the one term limitation.

Visiting students are ineligible for scholarships and federal and state financial aid.

Students who wish to attend NIU as visiting students must submit an undergraduate application. Although transcripts are not required for admission as a visiting student, enrollment in specific courses may require the submission of official transcripts to the college advising office to determine if prerequisite requirements for the course have been met. Secondary students may apply as a visiting student and register for one or more courses at the university by submitting a written recommendation from the secondary school supporting such enrollment, submitting the written consent of a parent or guardian, and paying the standard tuition and fees.

Visiting students are subject to all university policies and regulations in effect during each term enrolled, including those pertaining to academic probation and dismissal. College-level services such as course and university withdrawals will be provided by the academic college or Academic Advising Center identified on the application for admission.

The benefits that apply to the A.A. or A.S. degree or approved

A.A.T. degree as described under the section titled "Illinois Public Community College Graduates" are not assured to students who have previously attended NIU as a visiting student. These students must petition for these benefits in a letter accompanying the application for admission to a degree program.

Students who have been denied admission as a degree seeking student are not eligible for admission as a visiting student for the identical academic semester or summer session.

Students who have previously attended NIU as a degree seeking student must apply according to the guidelines listed in the "Readmission of Former NIU Students" section of this catalog. Students who have been academically dismissed from NIU are not eligible to apply as visiting students.

Changing to Degree Status

Visiting students who seek to change to degree status and who meet the current criteria for freshman or transfer admission must have a GPA of at least 2.00 in course work completed at NIU; submit a new application for admission; and submit all documents necessary for freshman or transfer admission as listed in the "Admission Criteria" section of the undergraduate catalog.

The new application and all required documents must be received in the Office of Admissions by the appropriate deadline date designated below for changing to degree status.

Visiting students who seek to change to degree status but who do not meet the current criteria for freshman or transfer admission must have a GPA of at least 2.00 in course work completed at NIU; submit a new application for admission; submit all documents necessary for freshman or transfer admission as listed in the "Admission Criteria" section; and submit a letter of petition describing circumstances relevant to the petition including educational and career goals.

The new application, all documents, and the letter of petition must be received in the Office of Admissions by the appropriate deadline date designated below for changing to degree status.

Term	Applications Complete By
Spring	December 1, 2022
Summer	May 15, 2023
Fall	August 1, 2023

Readmission of Former NIU Students

Students who have previously enrolled in the university but whose attendance has been interrupted by more than one year must file an application for readmission with the Office of Admissions. Reentering students who left NIU on academic probation must make an appointment with the appropriate college advising office prior to being cleared to register for classes. Reentering students who left NIU on academic probation who have no college affiliation must make their appointment with the Academic Advising Center prior to being cleared to register for classes.

Academic Recovery

Students who apply for readmission after an absence of two years (four fall/spring semesters excluding summer terms) or longer are eligible for the academic recovery policy. Students reinstated or readmitted on academic probation under the provisions of this policy, establish a new GPA which only includes course work attempted after the reentry date. Students who left NIU in good standing after an absence of two years (four fall/spring semesters excluding summer terms) or longer may submit a written request through their academic advisor to apply the academic recovery policy upon re-enrollment. All other current university regulations apply, and additional stipulations made by the major department including limited admission and limited retention may apply. Recalculation of GPA under the academic recovery policy does not alter financial aid eligibility (satisfactory academic progress) resulting from the original GPA. All previously earned hours of NIU course work will be counted toward graduation requirements. Students who reenter under this policy having previously been dismissed or on academic probation will be candidates for academic dismissal if they do not establish a 2.00 cumulative GPA at the conclusion of the semester the academic recover policy is applied. Students who reenter through academic recovery cannot graduate without earning credit for at least one course in their major department to establish a major GPA at or above 2.00. Recalculation of GPA under the academic recovery policy may be applied only one-time in a student's undergraduate academic career. All reentering students applying the academic recovery policy must meet with an academic advisor in their major college or the Academic Advising Center where they will develop a success plan.

Direct Reentrance

Students who were in good academic standing or on academic probation when they left the university and who have not attended another college or university since leaving must complete and return an application for readmission to the Office of Admissions. Students on academic probation when they left NIU will return on academic probation.

Reentrance with Additional Credit

Students who were in good academic standing or on academic probation when they left the university and who have since taken course work at another educational institution must complete and return an application for readmission to the Office of Admissions. They must also supply the Office of Admissions with an official transcript from each college or university attended since last attending NIU. To be eligible for reentrance, such students must have at least an overall C average (as computed by NIU standards) in all work taken at all other institutions, and must be in good academic standing at the last school attended. Students on

academic probation when they left NIU will return on academic probation.

Reentrance of Public Community College Graduates

A former student who left NIU in good standing, has been away from NIU for at least a fall or spring semester, and reenters with the baccalaureate-oriented associate degree or approved A.A.T. degree from a public community college earned after leaving NIU will be granted the same academic benefits as public community college graduates new to NIU.

In addition to receiving the benefits listed under the section headed "Public Community College Graduates," such a student reentering NIU will be eligible for the academic recovery policy. Students reinstated or readmitted on academic probation under the provisions of this policy, establish a new GPA only including course work attempted after the reentry date. Students who left NIU in good standing may submit a written request through their academic advisor to apply the academic recovery policy upon re-enrollment.

Recalculation of GPA under the academic recovery policy may be applied only one-time in a student's undergraduate academic career. Recalculation of GPA under the academic recovery policy does not alter financial aid eligibility (satisfactory academic progress) resulting from the original GPA. Students who reenter under this policy having previously been dismissed or on academic probation will be candidates for academic dismissal if they do not establish a 2.00 cumulative GPA at the conclusion of the semester the academic recover policy is applied. All reentering students applying the academic recovery policy must meet with an academic advisor in their major college or the Academic Advising Center where they will develop a success plan.

Reinstatement

Students who have been academically dismissed from the university must provide a written petition for reinstatement which describes the expenditure of their time since leaving the university and outlines reasons for believing that their previous record will be improved if they are reinstated. Such students are not eligible for reinstatement until after they have been away for at least one fall or spring semester. Students reinstated after being dismissed for poor scholarship are reinstated on final academic probation and must establish a cumulative GPA of at least 2.00 for all hours taken at this university by the end of the semester or summer session of reinstatement.

Each reinstatement case will be considered by a committee in the student's major college; in no case may it be assumed that after an absence of one semester any student is automatically entitled to reinstatement.

Applications for reinstatement (including an application for readmission, the written petition described above, and transcripts of all course work completed since leaving NIU) must be received in the Office of Admissions by the following dates. In addition, any encumbrances the student has on his or her record (placed by such offices as the bursar, admissions, and health services) must be cleared by the reinstatement deadline.

Term	Application Complete By
Spring	December 1, 2022
Summer	May 15, 2023
Fall	August 1, 2023

Limited Admissions and Limited Retention

Limited Admissions Requirements

The majors, emphases, and areas of study listed below, offered by the departments and schools indicated, have limited admissions. Admission into these majors, emphases, and areas of study is based on additional criteria. Students planning to pursue these courses of study must fulfill additional requirements such as GPA, specific course work, supplementary documents, and sophomore or junior standing.

In keeping with Northern Illinois University's commitment to equal opportunity and affirmative action, the restrictions on admission described below are carefully administered to ensure that students from underrepresented groups who are seeking such admission are given the opportunity to accomplish that goal. The university attempts to fulfill societal needs by admitting students from a variety of socioeconomic backgrounds. The limited admissions criteria are applied to ensure that all of the students admitted to such a major, emphasis, or area of study will have achieved above a determined level.

Acting Emphasis
(School of Theatre and Dance)

All applicants (freshmen and transfers) must be eligible for admission to the university. In addition, applicants for the B.F.A. acting emphasis must pass an audition and interview. Contact the School of Theatre and Dance as early as possible for information.

Applied Manufacturing Technology Emphasis
(Department of Technology)

The emphasis in applied manufacturing technology in the Department of Technology is limited to transfer students with an Associate of Applied Science degree with a major in a recognized technical area. For more specific information regarding admission to this emphasis contact the Department of Technology.

Art and Design Education

(School of Art and Design)

The School of Art and Design limits the number of students admitted to the major in art and design education (B.S.Ed), educator licensure. Students must present an art education entrance portfolio consisting of studio work and appropriate art education materials to the art education faculty at the end of the semester in which they are enrolled in ARTE 200 and pass the portfolio review for admission into the licensure program. Students must receive a grade of C or better in all major course requirements. Students must have a minimum 2.75 GPA in all NIU and transfer courses to enroll in art education courses. They must have a minimum of 2.50 GPA in all NIU courses to obtain entitlement for educator licensure in the state of Illinois.

Candidates who successfully complete the program and pass the state mandated Teacher Performance Assessment (edTPA) will have completed all required ISBE and CAEP standards for receiving university recommendation for licensure. Successful completion of the program without receipt of a passing score on the state-mandated Teacher Performance Assessment (edTPA) may result in the candidate receiving a degree without university recommendation for licensure.

Art Studio and Design (B.F.A.)
(School of Art and Design)

A portfolio review is required for admission into the major in art studio and design (B.F.A.) after completion of designated courses in the chosen field of study. Check departmental information for any additional requirements.

Computer Science Major
(Department of Computer Science)

The total number of students accepted into a computer science major is limited by the available resources and is competitive in relation to requirements for declaration. Transfer students compete with other transfer students for admission to the departmental emphases, and nontransfer NIU students compete with other nontransfer NIU students.

All students wishing to be formally admitted into one of the computer science emphases must have completed a minimum of 30 semester hours with a minimum 2.50 cumulative GPA on a 4.00 scale including the following courses.

*ENGL 103, Rhetoric and Composition I (3), and OR *ENGL 203 - Rhetoric and Composition II, Research Writing in the Domains (3), OR *ENGL 204 - Rhetoric and Composition, Accelerated Researched Writing in the Domains (3), if placed in ENGL 204
OR pass the writing foundational studies II Examination (0)
*MATH 206, Introductory Discrete Mathematics (3), and
*MATH 211, Calculus for Business and Social Science (3),
OR *MATH 206, Introductory Discrete Mathematics (3), and
*MATH 229, Calculus I (4),
OR *MATH 229 and MATH 230, Calculus I and II (8)
CSCI 240, Computer Programming in C++ (4)

Once admitted to the major, a student must maintain at least a 2.00 GPA in computer science courses.

Students currently enrolled at NIU who have completed the above requirements are eligible to apply for admission to the major. Applications for admission to the department must be filed at the computer science departmental office. Unless the

student meets all requirements for admission into the major at the time they submit their application, responses will be sent after the completion of the current term.

Transfer students must seek departmental advisement at orientation or just prior to the beginning of their first semester on campus. For all students not yet admitted into the major, the department will advise them when to declare, and they will be given access to appropriate computer science courses prior to their formal admission into the program.

Design and Technology Emphasis
(School of Theatre and Dance)

All applicants (freshmen and transfers) must be eligible for admission to the university. In addition, applicants for the B.F.A. design and technology emphasis must pass a portfolio review. Contact the School of Theatre and Dance as early as possible for information.

Health Sciences Degree Completion Emphasis
(School of Interdisciplinary Health Professions)

All applicants must be practicing health or human sciences professionals who hold a current professional credential, certification, or license in a health or human sciences field and have completed an applied associate's degree program or equivalent number of credits. The professional credential, certificate or license must be in the field in which the applicant is working or attempting to work. Contact the College of Health and Human Sciences advising office or visit niu.edu/ora for the application forms.

Medical Laboratory Sciences Major
(School of Health Studies)

The School of Health Studies limits the total number of students admitted to the medical laboratory sciences major depending upon resources available. This limitation applies to all applicants seeking admission to the medical laboratory sciences major. Students may enter the professional program only in the fall semester.

The admission requirements outlined below are subject to revision based on an annual review. Applications are reviewed for completion of prerequisites and all general education requirements must be satisfied prior to the beginning of the first semester of the clinical experience.

To be considered for admission to the medical laboratory sciences major, students must be admitted to NIU and have completed or be in the process of completing a minimum of 11 of the prerequisite courses listed below. Admission is competitive and will be based primarily on the GPA in the prerequisite courses and secondarily on the overall GPA, letters of recommendation, and personal goal statement.

Transfer students are encouraged to contact a program adviser before enrolling to determine whether prior course work satisfies prerequisites. For applicants with prerequisite courses in progress, admission is provisional with the expectation that students selected for admission must have completed all of the following prerequisite courses with a minimum GPA of 2.75 on a 4.00 scale.

BIOS 208, Fundamentals of Biology I (3), and BIOS 210, Fundamentals of Biology I Laboratory (1)
BIOS 209, Fundamentals of Biology II (3), and BIOS 211, Fundamentals of Biology II Laboratory (1)
BIOS 213, Introductory Bacteriology (3), OR BIOS 313, Microbiology (4)
BIOS 357, Human Anatomy and Physiology (5)
*CHEM 210, General Chemistry I (3), and *CHEM 212, General Chemistry Laboratory (1)
*CHEM 211, General Chemistry II (3), and *CHEM 213, General Chemistry Laboratory II (1)
CHEM 310, Introductory Organic and Biological Chemistry (3)
CHEM 311, Introductory Organic and Biological Chemistry (1)
*STAT 100, Basic Statistics (3)

All students who meet the above requirements will be required to

- submit a completed medical laboratory sciences program application;
- provide a brief written goal statement and explanation of why the medical laboratory sciences major was chosen; and
- provide two letters of recommendation from science instructors or healthcare supervisors who are familiar with the applicant's classroom and/or laboratory abilities.

Students interested in the MLS major may access application materials on the website; http://www.chhs.niu.edu/mls. Applicants must submit the required materials by February 1. Notification of medical laboratory sciences program admission status will be made by March 1. Additional applications may be considered before May 1 based upon space availability with notification made by June 1. Students who are admitted to the MLS program and choose to attend NIU are required to have a Hepatitis B titer by blood test prior to beginning the program.

Music Majors
(School of Music)

Applicants must pass an audition and may be required to complete a music theory and aural skills diagnostic test for admission to the School of Music. Music applicants should submit application materials to the Office of Admissions and contact the School of Music, Music Building 140, as early as possible for audition and testing information.

Nursing Major
(School of Nursing)

The School of Nursing limits the total number of students admitted to the program depending on the resources available. This limitation applies to all applicants seeking admission to the nursing major.

Nursing applicants must achieve a grade of C or better in all nursing prerequisite courses. Admission is competitive and is based on a comprehensive admission profile. Freshmen, current NIU, and transfer applicants will be reviewed once a year for admission. Registered nurse students may enter the program in either the fall semester or the spring semester. Students approved for admission to the major will be notified by the end of the spring semester. Admitted students are required to obtain school advisement at orientation.

Applicants new to the university must have submitted all application materials to the Office of Admissions by January 15. Current NIU students should submit all application materials to the nursing program by January 15.

Any applicant who has had an extended absence from postsecondary course work or who is attempting a second baccalaureate degree may petition the nursing program for special consideration in the admission review process.

To be admitted to and remain in the nursing program, students must meet academic requirements and possess the skills listed as "Essential Performance Components" in the School of Nursing section of this catalog.

All students who are admitted to the nursing program are admitted provisionally until they have provided proof of meeting the clinical requirements outlined in the Undergraduate Nursing Student Handbook. Full admission to the nursing program is required to enroll in nursing courses. All nursing majors are required to submit proof of having met clinical requirements when requested and must maintain clinical requirements for continued enrollment in the nursing major. The Undergraduate Nursing Student Handbook contains additional policies related to admission and progression through the nursing program.

If a previously admitted NIU nursing student is readmitted to the nursing program, any NIU nursing courses completed five years prior to readmission must be repeated. Nursing courses completed more than five years prior to admission will need to be retaken to meet the major requirements.

Freshmen

Applicants with fewer than 24 post-secondary semester hours completed by the application deadline will be considered as freshmen. Admission is competitive and will be based on such factors as previous academic performance and high school rank. An established GPA at NIU may be a factor considered in admission decisions. Applicants new to the university must indicate interest in the nursing program on the application for admission to the university. Applications for admission must be filed at the Office of Admissions. To be considered for admission to the nursing major, freshman applicants must have submitted all application materials to NIU by January 15.

Direct Admit: Highly qualified freshmen applicants with a high school GPA of 3.75 or greater or top 10% of their graduating class who complete the admission processes may be considered for early admission to the nursing program.

On Campus Freshman: Highly qualified applicants currently enrolled at NIU with a NIU GPA of 3.25 or greater, but who have fewer than 24 semester hours, must have all application documents submitted by January 15 to the nursing program.

Current NIU Students

Applicants with fewer than 24 post-secondary semester hours completed by the application deadline will be considered as freshmen (see previous section). Current NIU student applicants are defined as those who have earned 24 or more post secondary semester hours and must have an established NIU GPA with a minimum of 12 hours that apply to the student's major, minor, or general education requirements. Current NIU students will be reviewed as a separate applicant pool.

By the January 15 application deadline, current NIU students must submit an on-campus application. It is preferred that students complete the following prerequisite courses by the January 15 deadline: BIOS 103 and BIOS 105, BIOS 357, CHEM 110 and CHEM 111 or CHEM 210 and CHEM 212, ENG 203 and STAT 100. All prerequisites must be completed in order to start the program. Students must have an NIU pre-requisite GPA and an overall/cumulative GPA of at least 2.75 to be considered for admission. Admission is competitive and will be based primarily on the GPA in the prerequisite courses and secondarily on the overall GPA and the number of prerequisites completed.

Additional current NIU student applications may be considered based on space availability for fall and spring semesters.

Transfer Students

Applicants with fewer than 24 post-secondary semester hours completed by the application deadline will be considered as freshmen (see previous section). Transfer and re-entering applicants to the university with 24 or more post-secondary semester hours, who are not registered nurses, will be considered transfer applicants. Transfer applicants are reviewed as a separate applicant pool.

By the January 15 application deadline, transfer applicants must have submitted all application materials to NIU. Transfer applicants must have all current transcripts at NIU. Priority will be given to students who have completed the following prerequisite courses by the January 15 deadline: BIOS 103 and BIOS 105, BIOS 357, CHEM 110 and CHEM 111 or CHEM 210 and CHEM 212, ENG 203 and STAT 100. All prerequisites must be completed in order to start the program. Admission is competitive and will be based primarily on the GPA in the prerequisite courses and secondarily on the overall GPA and the number of prerequisites completed. Student must have pre-requisite

GPA and an overall/cumulative GPA of at least 2.75. Additional transfer applications may be considered based on space availability for fall and spring semesters.

Prerequisite courses used in evaluating applicants

*BIOS 103, General Biology (3) and *BIOS 105, General Biology Laboratory (1)
OR BIOS 208, Fundamentals of Cellular Biology (3)
and BIOS 210, Fundamentals of Cellular Biology Laboratory (1)
BIOS 213, Introduction to Bacteriology (3), OR BIOS 313, Microbiology (4)
BIOS 357, Human Anatomy and Physiology (5)
*CHEM 110, Chemistry (3), and CHEM 111, Chemistry Laboratory (1),
OR *CHEM 210, General Chemistry I (3), and *CHEM 212, General Chemistry Laboratory I (1)
*ENGL 203 - Rhetoric and Composition II, Research Writing in the Domains (3), OR *ENGL 204 - Rhetoric and Composition, Accelerated Researched Writing in the Domains (3)
*HDFS 280, Human Development, the Family, and Society (3), OR *PSYC 225, Lifespan Development: Childhood through Adulthood (3)
*NUTR 201, Human Nutrition (3)
*PSYC 102, Introduction to Psychology (3)
*STAT 100, Basic Statistics (3), OR STAT 200, Elementary Statistics (4)
The following prerequisite courses must be completed within seven years of admission to the nursing program: BIOS 213 or BIOS 313; and BIOS 357.

Transfer Students from Other Nursing Programs

A student transferring from another nursing program to NIU's baccalaureate nursing program is required to request an official transcript from the program as well as a letter of reference and a statement from the head of the nursing program stating that the student is in good standing within the nursing program. The student must also request a letter of reference from a faculty member teaching in the student's most recently completed semester. An admissions decision will be based on review of these documents. These materials are to be mailed directly to the nursing program from the originating institution.

Registered Nurses

R.N. students will be considered for admission as soon as the NIU application process is complete.

Admission requirements are

- admission to NIU as a regular degree-seeking student;
- an active and unencumbered registered nurse license; evidence of meeting one of the following, within the past five years: employment as a registered nurse, graduation from an approved associate degree nursing program, completion of an approved refresher course; consent of the program;
- GPA from a college or university consistent with the standards required by the NIU nursing program.

Students in the RN-B.S. option may not take NURS 463 until fully admitted to the nursing program. Applicants new to the university should submit an application through the Office of Admissions and continuing NIU students should submit an application to the nursing program.

Visual Communication Area of Study
(School of Art and Design)

Admission to the Visual Communication program is limited. The total number of students accepted will be determined by available resources on a year by year basis. Successful candidates must meet the following conditions: i) be admitted to the university, ii) have a minimum overall GPA of 2.50 on a 4.00 scale for all courses including transfer courses, iii) interview with the Visual Communication faculty selection committee, iv) submit a portfolio of work that meets the admission criteria for the program. The interview and portfolio will be used to determine which students are admitted. Visual Communication applicants should check the School of Art and Design website or contact the School of Art and Design Main Office, Art Building 216 for detailed information.

Limited Retention Requirements

To assure students' continuing competence, some majors, emphases, and areas of study have limited retention policies, and students who want to continue their enrollment in them must fulfill certain criteria. These include, but are not limited to, maintaining a designated cumulative and/or major GPA, earning a certain grade in certain courses, successful performance on a standardized performance measure, a portfolio review of a student's past performance, and successful completion of clinical requirements. Students interested in these majors, emphases, or areas of study and those already admitted to them should consult department and college program requirements listed in the individual college and department sections of this catalog. Students are also strongly encouraged to consult with an adviser to assure they continue to qualify for retention in their chosen major, emphasis, or area of study. See individual colleges and departments for specific requirements.

*Available for general education credit.
[1]Students who have fulfilled the general education mathematics requirement and who have passed either a trigonometry or calculus course at a college other than NIU will not be required to take MATH 155 or MATH 229.

University Graduation Requirements

Major Program

In-depth study in one major area is required in each baccalaureate degree (except the Bachelor of General Studies). Major requirements often include not only courses within the given discipline but also necessary prerequisites and work in related disciplines.

Students must satisfy all the requirements of their major department. Minors are required in certain programs (check departmental requirements) and may be chosen in any program with departmental approval.

Total Credits

A minimum of 120 semester hours that can be applied toward the degree is required for graduation. While most programs have requirements that can be satisfied in 120 hours, a limited number of programs have established through the curricular process their need to require more than 120 hours. See departmental sections of this catalog for a semester-hour breakdown and total for each major.

In fulfilling the 120-semester-hour graduation requirement, no student will be permitted to count more than 8 semester hours in elective physical education activity courses, or more than 6 semester hours in workshop or special/multiple topic courses taken outside the student's major or minor. These limitations include all transfer hours as well as NIU semester hours earned.

Normal Time for Completion of Academic Program

Typically, the normal time to complete an NIU bachelor's degree is four years for full-time students who are continuously enrolled in an average of 15 credit hours each semester. For some majors, students will need to enroll in summer courses or more than 15 credit hours per semester to complete the degree in four years. Students are encouraged to work with their academic advisers to develop a completion plan.

Upper-Division Courses

A minimum of 40 semester hours of the total number must be in courses numbered at the 300 and/or 400 level. These must include at least 12 semester hours of major departmental courses taken at NIU.

Writing Infused Courses

Students entering NIU with 30 or fewer credit hours, excluding credits awarded through NIU's Credit by Examination Program, must earn credit in two upper-division courses that are designated as "writing-infused." These courses may be taken within the general education program, the major program, or through electives. The Class Search in MyNIU can be searched to find writing-infused classes offered for a specific term by selecting the course attribute of "Writing-Infused." See the section in this catalog titled "Writing Infused Courses" for the complete list.

Human Diversity Baccalaureate Requirement

All All undergraduate students must complete the human diversity baccalaureate requirement either through a designated human diversity course, OR a non-course based experience that is designated as "human diversity." Human Diversity is defined as gender, ability, race/ethnicity, citizenship, wealth/material resources, religion, age, or sexual orientation, and includes an analysis of power and addresses people's differing access to resources/opportunities in the present or past. Students may meet this requirement by successfully completing any one of the following: an approved NIU Human Diversity course, an NIU course taken prior to that course being designated as a Human Diversity course, a course from an Illinois Articulation Initiative (IAI) participating institution that has an IAI "N' or "D" Human Diversity code, a transfer course that articulates to an NIU Human Diversity course, a transfer course that meets the transfer institution's Human Diversity requirement, or that is identified as a Diversity course by the transferring institution. Students may also satisfy NIU's Human Diversity requirement through a university-approved co-curricular experience. See Human Diversity Requirement List of Courses for the full list.

Course Offerings

Although the university attempts to accommodate the course requests of students, course offerings may be limited by financial, space, and staffing considerations or may otherwise be unavailable. Nothing in this catalog may be construed to promise or guarantee registration in any course or course of study (whether required or elective) nor may anything be construed to promise or guarantee the completion of an academic program within a specified length of time.

Course Prerequisites and Corequisites

A prerequisite (PRQ) is a requirement that must be met before a student can register for a course. A corequisite (CRQ) is a requirement that must be undertaken at the same time as a given course (if it has not been completed previously). Students are responsible for following appropriate sequences of courses and should check all course descriptions for prerequisites and/or corequisites.

Students who do not meet PRQ/CRQ requirements but think they are qualified to enroll in a course should consult the department offering the course to determine whether or not it is appropriate to enroll in the course.

Grade Point Average (GPA)

Students must attain a minimum cumulative GPA of 2.00 in all NIU credit earned and of 2.00 in the major. The GPA in the student's major is calculated using all courses taken in the major department, and only those courses taken in the major department, unless the department specifically states

otherwise in its section of this catalog. A cumulative GPA of 2.50 or above is required for graduation in a educator licensure entitlement program.

In order for the university to record on a student's transcript that a minor was successfully completed during the student's undergraduate program, the student must attain a minimum cumulative GPA of 2.00 in all courses taken in the minor at NIU.

Residence Requirement

Candidates for undergraduate degrees from NIU must earn at least 30 semester hours of credit in course work offered by NIU after having earned 80 semester hours. Continuing and reentering students intending to transfer credit to NIU after they have earned 90 semester credit hours or who will exceed 90 semester credit hours upon transfer of that credit must obtain prior approval from their major college office before enrolling in the course(s) which they intend to transfer. Students should also check for other residence requirements in the appropriate college and department listings.

General Education Requirements

The Progressive Learning in Undergraduate Studies (PLUS) General Education Program at Northern Illinois University provides foundational skills and breadth of knowledge through study in a broad variety of disciplines. Together with course work in the major and co-curricular experiences, general education provides students with opportunities to develop competencies in NIU's baccalaureate student learning outcomes. The baccalaureate experience at Northern Illinois University challenges students to think critically, create, and communicate by participating in a progressive, engaged learning environment. Major area studies, general education, and co-curricular experiences prepare students to become productive members of a culturally and globally diverse society, and lifelong learners ready to meet the challenges of a dynamic career. See: "The Baccalaureate Experience" for a listing of the baccalaureate outcomes.

Framework

The PLUS General Education Program consists of two types of course work.

First, Foundational Studies courses develop the competencies necessary to succeed academically and personally. They emphasize students' abilities to: (1) think critically and creatively; (2) reason quantitatively and qualitatively; (3) communicate clearly and effectively; and (4) work collaboratively across disciplines.

Second, Knowledge Domain courses continue to develop foundational competencies, as well as assure exposure to a broad array of ideas, disciplines, and ways of obtaining and interpreting information. The three knowledge domains are Creativity and Critical Analysis, Society and Culture, and Nature and Technology. Knowledge Domain courses emphasize students' abilities to: (1) connect human life to the natural world; (2) understand and respect diverse cultures; (3) integrate knowledge of global interconnections; and (4) synthesize knowledge and skills.

Knowledge Domain requirements may optionally be fulfilled by a set of PLUS Pathways courses. A Pathway is a body of coursework drawn from all three Knowledge Domains that examines a theme from different disciplinary perspectives. The Pathways take the disciplinary breadth inherent in the Knowledge Domain component of general education, and comprise courses that address a set of common questions. The purpose of a Pathway is to provide coherence and relevance to general education, and allow students to choose a general education experience that aligns with their interests and goals. Pathways will further enhance content integration and will give students and instructors greater opportunities to develop the skill of collaborating effectively across disciplines.

Foundational Studies

Through Foundational Studies, students will begin to develop the fundamental skills of written communication, oral communication, and numeracy, all of which are required for academic, professional, and personal success. Students will learn to: (1) write skillfully with a thorough awareness of context, audience, and purpose; (2) communicate effectively through speaking, presenting, and debating, with an awareness of the specific practices in different disciplines; (3) perform basic numerical computations, display facility with using formal and quantitative reasoning analysis and problem solving, and interpret mathematical models and statistical information; and (4) work collaboratively with peers from different backgrounds.

The Foundational Studies general education requirements consist of two courses in Writing Composition, one course in Oral Communication, and one course in Quantitative Literacy. Foundational Studies courses do not count toward general education Knowledge Domain requirements.

All students must satisfy the Foundational Studies requirements in Writing Composition, Oral Communication, and Quantitative Literacy for 0-15 semester hours of general education credit.

The requirements in the Foundational Studies can be met by completing the designated course, by transfer credit, by passing a competency examination, or, for some Foundation Studies, through credit by examination. (See "Credit by Examination.") Although passing a competency examination fulfills the requirement for the Foundational Studies, it does not result in the awarding of NIU course credit (i.e., it reduces the required number of general education hours but does not reduce the number of hours required for a degree.) Students with strong academic credentials are encouraged to attempt the competency examinations. Information on competency examinations is available from the Office of Testing Services.

The specific ways to satisfy the Foundational Studies requirements are listed below.

Foundational Studies

Foundational Studies Writing Requirements (0-6)

- 100-level Rhetoric and Composition (0-3 semester hours). Writing and revising argumentative and analytical essays. This requirement can be satisfied by:
    - Obtaining a grade of C or better in ENGL 103 or an equivalent course, or
    - Obtaining equivalent transfer credit, or
    - Passing the Writing Composition Foundational Studies Competency Examination, or
    - Obtaining credit for ENGL 103 through examination by credit (Advanced Placement).
- 200-level Writing in the Domains (3 semester hours). Writing and revising argumentative and analytical essays; analyze, evaluate, and synthesize material from a variety of sources; incorporate knowledge domain-appropriate writing and rhetorical styles as well as

documentation styles. This requirement can be satisfied by:

  - Obtaining a grade of C or better in ENGL 203, ENGL 204, or an equivalent course, or
  - Obtaining equivalent transfer credit.

Foundational Studies Oral Communication Requirements (0-3)

This requirement can be satisfied by:

- Passing COMS 100, or an equivalent course, or
- Obtaining equivalent transfer credit, or
- Passing the Oral Communication Foundational Studies Competency Examination.

Foundational Studies Quantitative Literacy Requirement (0-4)

This requirement can be satisfied by:

- Passing MATH 101, MATH 103, MATH 104 and MATH 105, MATH 110, MATH 155, MATH 201, MATH 206, MATH 210, MATH 211, MATH 229, STAT 100, STAT 200, UBUS 223, or equivalent transfer course, (including Illinois Articulation Initiative Foundational Studies Quantitative Literacy courses that do not have a direct NIU course equivalent), or
- Passing the Mathematics Competency Examination.

Foundational Studies Course Descriptions

- COMS 100 - Fundamentals of Oral Communication Credits: 3
- ENGL 103 - Rhetoric and Composition I Credits: 3
- ENGL 203 - Rhetoric and Composition II, Researched Writing in the Domains Credits: 3
- ENGL 204 - Rhetoric and Composition, Accelerated Researched Writing in the Domains Credits: 3
- MATH 101 - Core Competency in Mathematics Credits: 3
- MATH 103 - Elements of Mathematical Reasoning Credits: 4
- MATH 104 - Supplemental Review for College Algebra Credits: 1
- MATH 105 - College Algebra with Review Credits: 3
- MATH 110 - College Algebra Credits: 3
- MATH 155 - Trigonometry and Elementary Functions Credits: 3
- MATH 201 - Foundations of Elementary School Mathematics Credits: 3
- MATH 206 - Introductory Discrete Mathematics Credits: 3
- MATH 210 - Finite Mathematics Credits: 3
- MATH 211 - Calculus for Business and Social Science Credits: 4
- MATH 229 - Calculus I Credits: 4
- STAT 100 - Basic Statistics Credits: 3
- STAT 200 - Elementary Statistics Credits: 4
- UBUS 223 - Introduction to Business Statistics Credits: 3

Knowledge Domain Requirements and Course Descriptions

There is a required minimum of 21 semester hours in the three General Education Knowledge Domains. The three General Education Knowledge Domains are areas of human endeavor (Creativity and Critical Analysis; Nature and Technology; Society and Culture) and will: (1) help students attain a sound liberal education and acquire sufficient general knowledge and intellectual versatility to become productive and resourceful members of society, (2) explore human thought and relations in order to understand and respect cultural heritage, (3) provide an understanding of the scientific method and the application of scientific facts and principles pertaining to the natural and technological worlds, and (4) examine the role of knowledge in promoting human welfare.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

The 21 general education semester hours required in the three Knowledge Domains can be earned by: (1) successful completion of designated courses; (2) general education credit articulation; (3) transfer articulation; or (4) credit by examination.

Foundational Studies courses do not count toward general education Knowledge Domain requirements. Any single course cannot count towards fulfilling more than one Knowledge Domain requirement.

Creativity and Critical Analysis (a minimum of 6 semester hours)

Courses in Creativity and Critical Analysis will challenge students to develop the skills involved in critical reflection and creative expression. Students will: (1) become acquainted with methods for analyzing primary sources and critically evaluating the ideas, events, traditions, and belief systems that have shaped human experience and expression; (2) explore fundamental modes of aesthetic and creative expression; and (3) understand and evaluate the diversity of humanity's most notable cultural achievements from artistic, historical, linguistic, literary, and philosophical perspectives.

Nature and Technology (a minimum of 6 semester hours)

Courses in Nature and Technology will develop students' understanding of the role of science, technology, engineering, and mathematics and their relevance to societal issues. This domain encompasses human activities through which we observe, measure, model, and interpret the natural world and physical universe. Courses will explore the process of scientific discovery and how the resulting knowledge is

applied to understand technological and societal change. Students will: (1) be able to articulate society's connections to, and responsibility towards, the natural world; and (2) learn to apply the scientific method, including assessing empirical data, investigating the predictions of existing theories, and developing experimentally testable hypotheses.

Society and Culture (a minimum of 6 semester hours)

Courses in Society and Culture will develop understanding of the methods of inquiry used to study humanity, from individual behavior to how people organize and govern nations, societies, and cultures. Students will: (1) learn the role, principles, and methods of social and behavioral science in understanding individual and collective behavior in society; (2) hone the reasoning skills required to understand theories of human behavior and social phenomena; and (3) develop the ability to understand and evaluate the communication of results in the social and behavioral sciences.

Elective from any Knowledge Domain (1 course, a minimum of 3 semester hours)

Knowledge Domain Course Descriptions

Creativity and Critical Analysis Course Descriptions

- ANTH 102 - Temples and Tombs: Rise of Civilization Credits: 3
- ANTH 210 - Exploring Archaeology Credits: 3
- ARTH 282 - Introduction to World Art Credits: 3
- ARTH 292 - Introduction to Modern Arts and Design Credits: 3
- ARTH 294 - Introduction to Arts of Asia Credits: 3
- ARTH 340 - Studies in Modern Art Credits: 3
  ARTH 340 is a writing infused course.
- ARTH 350 - Studies in Contemporary Art Credits: 3
  ARTH 350 is a writing infused course.
- ARTH 362 - Art and Design History of Global Visual Communication Credits: 3
- COMS 203 - Interpersonal Communication Skills Credits: 3
- COMS 220 - Rhetoric and Public Issues Credits: 3
- COMS 230 - Rhetoric and the Media Credits: 3
- COMS 310 - Advocacy and Critical Thinking Credits: 3
- COMS 356 - Critical Interpretation of Film/Television Credits: 3
- COMS 480 - Communication and Conflict Management Credits: 3
- ENGL 110 - Literature and Popular Culture Credits: 3
- ENGL 115 - British Identities, British Literature Credits: 3
- ENGL 116 - American Identities, American Literature Credits: 3
- ENGL 117 - Literature of Social Justice Credits: 3
- ENGL 271 - Classical Mythology Credits: 3
- ENGL 310 - Ideas and Ideals in World Literature Credits: 3
  ENGL 310 is a writing infused course.
- ENGL 315 - Readings in Shakespeare Credits: 3
  ENGL 315 is a writing infused course.
- ENGL 340 - The Bible as Literature Credits: 3
- ENGL 350 - Writing across the Curriculum Credits: 3
  ENGL 350 is a writing infused course.
- ENGL 361 - Literature of Health Care Credits: 3
- EPFE 321 - History of American Education Credits: 3
  EPFE 321 is a writing infused course.
  EPFE 321 also fulfills the Human Diversity Requirement.
- EPFE 400 - Foundations of Education Credits: 3
  EPFE 400 is a writing infused course.
- EPFE 410 - Philosophy of Education Credits: 3
  EPFE 410 is a writing infused course.
- EPS 300 - Educational Psychology Credits: 3
- EPS 430 - Becoming an Adult in the 21st Century: Seeking Meaning Credits: 3
  EPS 430 is a writing infused course.
- ETT 231 - Digital Visual Literacy for Learning Credits: 3
- FLFR 371 - Masterpieces of French Literature in Translation Credits: 3
  FLFR 371 is a writing infused course.
- FLIT 272 - The Italian Renaissance Credits: 3
- FLRU 361 - Russian Culture and Literature Credits: 3
- FSMD 262 - Design Trends in Western Costume Credits: 3
- HIST 110 - History of the Western World I: Problems in the Human Past Credits: 3
  HIST 110 also fulfills the Human Diversity Requirement.
- HIST 112 - History of the Western World II: Problems in the Human Past Credits: 3
  HIST 112 also fulfills the Human Diversity Requirement.
- HIST 140 - Asia to 1500 Credits: 3
  HIST 140 also fulfills the Human Diversity Requirement.
- HIST 141 - Asia Since 1500 Credits: 3
  HIST 141 also fulfills the Human Diversity Requirement.
- HIST 170 - World History I: Problems in the Human Past Credits: 3
  HIST 170 also fulfills the Human Diversity Requirement.
- HIST 171 - World History II: Problems in the Human Past Credits: 3
- HIST 260 - American History to 1865 Credits: 3
  HIST 260 also fulfills the Human Diversity Requirement.
- HIST 261 - American History since 1865 Credits: 3
  HIST 261 also fulfills the Human Diversity Requirement.
- HIST 352 - Popular Culture in Japan Credits: 3
- HIST 369 - Women in United States History Credits: 3
  HIST 369 also fulfills the Human Diversity Requirement.
- HIST 383 - Latin America through Film Credits: 3
  HIST 383 also fulfills the Human Diversity Requirement.
- HON 300 - Honors Seminar with General Education Domains Credits: 3
  HON 300 Topic A is a Creativity and Critical Analysis Course.

- HON 400 - Honors Seminar: General Education Domains & Writing Infused Credits: 3
  HON 400 Topic A is a Creativity and Critical Analysis Course.
  HON 400 Topic A is a writing infused course.
- HON 410 - Honors Seminar: General Education Domains & Human Diversity Credits: 3
  HON 410 Topic A is a Creativity and Critical Analysis Course.
  HON 410 Topic A also fulfills the Human Diversity Requirement.
- JOUR 210 - Information Gathering in the Digital Age Credits: 3
- JOUR 350 - Environment, Health, and the Media Credits: 3
- KNPE 393 - Social Aspects of Sport Credits: 3
  KNPE 393 also fulfills the Human Diversity Requirement.
- LATS 100 - Introduction to Latin American Studies Credits: 3
  LATS 100 also fulfills the Human Diversity Requirement.
- LATS 101 - Introduction to Latino Studies Credits: 3
  LATS 101 also fulfills the Human Diversity Requirement.
- LESM 152 - Perspectives in U.S. Sport Credits: 3
  LESM 152 also fulfills the Human Diversity Requirement.
- LTRE 191 - Learning to Learn: Developing Contextualized College Reading and Study Strategies for the Humanities Credits: 3
- LTRE 192 - Learning to Learn: Developing Contextualized College Reading and Study Strategies for the Natural Sciences Credits: 3
- LTRE 193 - Learning to Learn: Developing Contextualized College Reading and Study Strategies for the Social Sciences Credits: 3
- LTRE 194 - Learning to Learn: Developing Contextualized College Reading and Study Strategies for General Studies Credits: 3
- MDST 225 - Medieval Society and Culture Credits: 3
- MEE 382 - Design Thinking Credits: 3
- MGMT 227 - Entrepreneurship, Innovation, and Sustainability Credits: 3
- MGMT 311 - Social Entrepreneurship Credits: 3
- MGMT 327 - Creativity, Innovation, and Entrepreneurship Credits: 3
- MUHL 220 - Introduction to Western Musical Traditions Credits: 3
- MUHL 221 - Introduction to Jazz Music Credits: 3
- MUHL 222 - World Music and Culture Credits: 3
- MUHL 223 - History of Rock Credits: 3
- PHIL 101 - Introduction to Philosophy Credits: 3
- PHIL 103 - Contemporary Issues in Ethics Credits: 3
- PHIL 105 - Logic and Critical Reasoning Credits: 3
- PHIL 251 - Philosophy of Race Credits: 3
  PHIL 251 also fulfills the Human Diversity Requirement.
- POLS 150 - Democracy in America Credits: 3
- POLS 251 - Introduction to Political Philosophy Credits: 3
- SESE 320 - Disability in Film Credits: 3
  SESE 320 also fulfills the Human Diversity Requirement.
- TH-D 222 - Dance and the Fine Arts Credits: 3
- TH-D 474 - Contemporary Topics in Dance Credits: 3
  TH-D 474 is a writing infused course.
- THEA 203 - Introduction to Theatre Credits: 3
- THEA 370 - History of Theatre and Drama I Credits: 3
  THEA 370 is a writing infused course.
- THEA 379 - Perspectives on Creativity Credits: 3
- UBUS 110 - Business in Action Credits: 3
- WGSS 202 - Women and Cultural Expression Credits: 3
  WGSS 202 also fulfills the Human Diversity Requirement.

Nature and Technology Course Descriptions

- ANTH 103 - The Great Apes Credits: 3
- ANTH 240 - Becoming Human: Discovering Human Origins Credits: 3
- ANTH 261X - Language, Mind, and Thought Credits: 3
- ARTH 331 - Art, Nature and Technology 1400 to 1800 Credits: 3
  ARTH 331 is a writing infused course.
- BIOS 103 - General Biology Credits: 3
- BIOS 105 - General Biology Laboratory Credits: 1
- BIOS 106 - Environmental Biology Credits: 3
- BIOS 109 - Human Biology Credits: 3
- CHEM 100 - Chemistry in Everyday Life Credits: 3
- CHEM 110 - Chemistry Credits: 3
- CHEM 111 - Chemistry Laboratory Credits: 1
- CHEM 210 - General Chemistry I Credits: 3
- CHEM 211 - General Chemistry II Credits: 3
- CHEM 212 - General Chemistry Laboratory I Credits: 1
- CHEM 213 - General Chemistry Laboratory II Credits: 1
- CSCI 205 - Introduction to Computing Credits: 3
- ELE 100 - Elements of Electronics Credits: 3
- ENGL 261X - Language, Mind, and Thought Credits: 3
- ENVS 210 - Introduction to Sustainable Food Systems Credits: 3
- ETR 450 - Data Analysis for Design and Evaluation Credits: 3
- ETT 234 - Learning with Technology Credits: 3
- GEOG 101 - Introduction to Environmental Geography Credits: 3
- GEOG 105 - Weather, Climate, and You Credits: 3
- GEOG 253 - Environment and Society Credits: 3
- GEOG 303 - Water Resources and the Environment Credits: 3
- GEOL 101 - Geology of the National Parks Credits: 3
- GEOL 103 - Planetary and Space Science Credits: 3
- GEOL 104 - Introduction to Ocean Science Credits: 3
- GEOL 105 - Geologic Resources and the Environment Credits: 3
- GEOL 120 - Planet Earth Credits: 3
- GEOL 121 - Planet Earth Laboratory Credits: 1
- GEOL 303 - Diamonds, Gems, and Other Precious Stones Credits: 3
- GEOL 304 - Diamonds, Gems, and Other Precious Stones Laboratory Credits: 1
- HIST 323 - History of Science Credits: 3

- HIST 377 - American Environmental History Credits: 3
  HIST 377 also fulfills the Human Diversity Requirement.
- HON 300 - Honors Seminar with General Education Domains Credits: 3
  HON 300 Topic B is a Nature and Technology Course.
- HON 400 - Honors Seminar: General Education Domains & Writing Infused Credits: 3
  HON 400 Topic B is a Nature and Technology Course.
  HON 400 Topic B is a Writing Infused Course.
- HON 410 - Honors Seminar: General Education Domains & Human Diversity Credits: 3
  HON 410 Topic B is a Nature and Technology Course.
  HON 410 Topic B is also a Human Diversity Course.
- ILAS 261 - Language, Mind, and Thought Credits: 3
- ISYE 100 - Fundamentals of Manufacturing Systems Credits: 3
- ISYE 250 - Introduction to Lean Systems Engineering Credits: 2
- ISYE 420 - Introduction to Energy Management Systems Credits: 3
- KNPE 100 - Scientific Basis of Human Activity Credits: 3
- MEE 101 - Energy and the Environment Credits: 3
- NUTR 201 - Human Nutrition Credits: 3
- OMIS 259 - Introduction to Business Information Systems Credits: 3
- PHIL 205 - Symbolic Logic Credits: 3
- PHYS 150 - Physics Credits: 3
- PHYS 151 - Physics Laboratory Credits: 1
- PHYS 162 - Elementary Astronomy Credits: 3
- PHYS 180 - Acoustics, Music, and Hearing Credits: 3
- PHYS 181 - Acoustics Laboratory Credits: 1
- PHYS 210 - General Physics I Credits: 4
- PHYS 211 - General Physics II Credits: 4
- PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4
- PHYS 273 - Fundamentals of Physics II: Electromagnetism Credits: 4
- PSYC 345 - Cognitive Psychology Credits: 3
- PSYC 481 - Drugs and Behavior Credits: 3
- TECH 231 - Introduction to Workplace Health and Safety Credits: 3
- TECH 245 - Pollution Prevention and Sustainable Production Credits: 3
- TECH 294 - Technology and Cultural Relevance Credits: 3

Society and Culture Course Descriptions

- ANTH 104 - Anthropology of Pop Culture: Making the Familiar Strange Credits: 3
- ANTH 105 - Archaeology Myths and Mysteries Credits: 3
- ANTH 120 - Anthropology and Human Diversity Credits: 3
- ANTH 220 - Being Human: Introduction to Cultural Anthropology Credits: 3
- ANTH 230 - Introduction to Linguistic Anthropology Credits: 3
- ANTH 250 - Dismantling Global Racism Credits: 3
- ANTH 302 - Asian American Cultures Credits: 3
  ANTH 302 also fulfills the Human Diversity Requirement.
- ANTH 465 - Medical Anthropology Credits: 3
- ART 465 - Introduction to Museum Studies Credits: 3
- ARTE 109 - Strategic Visual Thinking Credits: 3
- ARTH 310 - Studies in Ancient and Middle-Eastern Art Credits: 3
  ARTH 310 is a writing infused course.
- ARTH 320 - Studies in Medieval Art Credits: 3
  ARTH 320 is a writing infused course.
- ARTH 330 - Studies in Early Modern European Art Credits: 3
  ARTH 330 is a writing infused course.
- ARTH 360 - Studies in Design Credits: 3
  ARTH 360 is a writing infused course.
- ARTH 361 - History of Sustainable Design Credits: 3
  ARTH 361 is a writing infused course.
- ARTH 370 - Studies in Asian Art Credits: 3
  ARTH 370 is a writing infused course.
- ARTH 380 - Studies in African, Oceanian, Native American, Pre-Columbian Art, and Latin-American Art Credits: 3
  ARTH 380 is a writing infused course.
- BIOS 324X - Women in Science Credits: 3
  BIOS 324X also fulfills the Human Diversity Requirement.
- BKST 200 - Racism in American Culture and Society Credits: 3
  BKST 200 also fulfills the Human Diversity Requirement.
- BKST 211 - Educating African Americans Credits: 3
  BKST 211 also fulfills the Human Diversity Requirement.
- BKST 219 - Introduction to African Studies Credits: 3
- BKST 250X - Dismantling Global Racism Credits: 3
- BKST 300 - Foundations of Black Studies Credits: 3
- BKST 440 - Black Liberation Movements Credits: 3
- COMD 220 - Introduction to Communicative Disorders Credits: 3
- COMS 240 - Rhetoric of Interpersonal Communication Credits: 3
- COMS 260 - Social Media Communication Credits: 3
- COMS 362 - Intercultural Communication Credits: 3
  COMS 362 also fulfills the Human Diversity Requirement.
- COMS 403 - Freedom of Speech and Communication Ethics Credits: 3
- COMS 410 - Communication and Gender Credits: 3
  COMS 410 also fulfills the Human Diversity Requirement.
- ECON 160 - Contemporary Economic Issues Credits: 3
- ECON 186 - Introduction to Environmental Economics Credits: 3
- ECON 260 - Principles of Microeconomics Credits: 3
- ECON 261 - Principles of Macroeconomics Credits: 3
- ENGL 318 - Exploring Human Language Credits: 3
  ENGL 318 is a writing infused course.
- ENVS 186X - Introduction to Environmental Economics Credits: 3
- ENVS 303 - Environment in the Social Sciences and Humanities Credits: 3
- ENVS 361X - History of Sustainable Design Credits: 3
  ENVS 361X is a writing infused course.
- EPFE 201 - Education as an Agent for Change Credits: 3

EPFE 201 also fulfills the Human Diversity Requirement.

- EPFE 355 - Sociology of Schooling Credits: 3
  EPFE 355 is a writing infused course.
  EPFE 355 also fulfills the Human Diversity Requirement.
- EPFE 440 - Education for Social Justice Credits: 3
  EPFE 440 also fulfills the Human Diversity Requirement.
- EPS 307 - Development of the Adolescent Credits: 3
- ETR 451 - Community-based and Participatory Action Research Credits: 3
- ETT 211 - Technology in a Diverse Society Credits: 3
  ETT 211 also fulfills the Human Diversity Requirement.
- ETT 329 - Learning in the Digital Age Credits: 3
- FINA 315 - Personal Investing and Finance Credits: 3
- FLBU 482 - Censorship, Propaganda, and Media Bias in Southeast Asia and Beyond Credits: 3
  FLBU 482 also fulfills the Human Diversity Requirement.
- GEOG 202 - World Regional Geography Credits: 3
  GEOG 202 also fulfills the Human Diversity Requirement.
- GEOG 204 - Geography of Economic Activities Credits: 3
- GEOG 256 - Maps and Mapping Credits: 3
- GEOG 324X - Women in Science Credits: 3
  GEOG 324X also fulfills the Human Diversity Requirement.
- HDFS 207 - The Consumer Credits: 3
- HDFS 230 - Child Development Credits: 3
- HDFS 280 - Human Development, the Family, and Society Credits: 3
- HIST 343 - History of Southeast Asia Since ca. 1800 Credits: 3
  HIST 343 is a writing infused course.
- HIST 349 - African History Since 1600 Credits: 3
  HIST 349 also fulfills the Human Diversity Requirement.
- HIST 355 - History of Black American Music Credits: 3
  HIST 355 is a writing infused course.
- HIST 361 - History of Health and Medicine in the United States Credits: 3
  HIST 361 also fulfills the Human Diversity Requirement.
- HIST 364 - African-American History to 1865 Credits: 3
  HIST 364 also fulfills the Human Diversity Requirement.
- HIST 365 - African-American History Since 1865 Credits: 3
  HIST 365 also fulfills the Human Diversity Requirement.
- HIST 381 - Colonial Latin America Credits: 3
  HIST 381 is a writing infused course.
  HIST 381 also fulfills the Human Diversity Requirement.
- HIST 382 - Modern Latin America Credits: 3
  HIST 382 is a writing infused course.
  HIST 382 also fulfills the Human Diversity Requirement.
- HIST 386 - History of Human Rights Credits: 3
  HIST 386 is a writing infused course.
- HIST 388 - The Cuban Revolution and Its Legacy Credits: 3
  HIST 388 also fulfills the Human Diversity Requirement.
- HON 300 - Honors Seminar with General Education Domains Credits: 3
  HON 300 Topic C is a Society and Culture Course.
- HON 400 - Honors Seminar: General Education Domains & Writing Infused Credits: 3
  HON 400 Topic C is a Society and Culture Course.
  HON 400 Topic C is also a Writing Infused Course.
- HON 410 - Honors Seminar: General Education Domains & Human Diversity Credits: 3
  HON 410 Topic C is a Society and Culture Course.
  HON 410 Topic C is also a Human Diversity Course.
- ILAS 225 - Introduction to Asian American Studies: A Transdisciplinary Inquiry Credits: 3
  ILAS 225 also fulfills the Human Diversity Requirement.
- IVPA 201 - Creating Art for Others Credits: 3
- JOUR 260X - Social Media Communication Credits: 3
- KNPE 111 - Sport: Culture and Society Credits: 3
  KNPE 111 also fulfills the Human Diversity Requirement.
- KNPE 305 - Psychological and Sociological Aspects of Exercise and Physical Activity Credits: 3
  KNPE 305 is a writing infused course.
- KNPE 310 - Psychological Aspects of Sport and Exercise Credits: 3
- LESM 365 - Communication Strategies in Sport Credits: 3
  LESM 365 is a writing infused course.
- MGMT 417 - Leading and Managing Change Credits: 3
- MUHL 431 - Music of Southeast Asia Credits: 3
- NNGO 100 - Community Leadership and Civic Engagement Credits: 3
- NUTR 406 - Global Food and Nutrition Issues Credits: 3
  NUTR 406 is a writing infused course.
- PHHE 206 - Contemporary Health Concepts Credits: 3
- PHHE 295 - Introduction to Public Health Credits: 3
  PHHE 295 also fulfills the Human Diversity Requirement.
- PHHE 315 - Introduction to Health Promotion Credits: 3
- PHIL 336 - Biomedical Ethics Credits: 3
- POLS 100 - American Government and Politics Credits: 3
- POLS 210 - Introduction to Law and Courts Credits: 3
- POLS 220 - Introduction to Public Policy Credits: 3
- POLS 260 - Introduction to Comparative Politics Credits: 3
- POLS 285 - Introduction to International Relations Credits: 3
- PSPA 220X - Introduction to Public Policy Credits: 3
- PSYC 102 - Introduction to Psychology Credits: 3
- PSYC 225 - Lifespan Development: Childhood Through Adulthood Credits: 3
- PSYC 245 - Thinking Credits: 3
- REHB 200 - Disability in Society Credits: 3
  REHB 200 also fulfills the Human Diversity Requirement.
- REHB 300 - Psychiatric Disability in Society Credits: 3
- SCL 100 - Foundation of Social Change Leadership Credits: 3
- SCL 200 - Application of Social Change Leadership Credits: 3
- SEAS 225 - Southeast Asia: Crossroads of the World Credits: 3
- SEEC 201 - Play Development and Early Childhood Education Services Credits: 3
- SEVI 205 - The Blindness Experience Credits: 3
  SEVI 205 also fulfills the Human Diversity Requirement.
- SOCI 170 - Introduction to Sociology Credits: 3
- SOCI 250 - Contemporary Social Institutions Credits: 3
- SOCI 260 - Introduction to Social Psychology Credits: 3
- SOCI 270 - Social Problems Credits: 3
- SOCI 354 - Families and Social Change Credits: 3

- WGSS 101 - Introduction to Women, Gender and Sexuality Studies Credits: 3
  WGSS 101 also fulfills the Human Diversity Requirement.
- WGSS 201 - Global Gender Issues Credits: 3
- WGSS 324 - Women in Science Credits: 3
  WGSS 324 also fulfills the Human Diversity Requirement.
- WGSS 350 - Lesbian, Gay, Bisexual, and Transgender Studies Credits: 3
  WGSS 350 is a writing infused course.
  WGSS 350 also fulfills the Human Diversity Requirement.

Pathways

Knowledge Domain requirements may optionally be fulfilled by a set of PLUS Pathways courses. A Pathway is a body of course work drawn from all three Knowledge Domains that examines a theme from different disciplinary perspectives. Courses in a Pathway coalesce around a set of large questions that are central to the Pathway theme. Each course addresses one or more of these questions. Foundational Studies courses cannot participate in the Pathways. Transfer courses cannot participate in the Pathways. Courses listed in the Pathways taken prior to Fall 2016 cannot count towards a Pathway Focus.

Students have the option to organize their required general education courses into a Pathway Focus, as long as the Knowledge Domain distributional requirements are fulfilled. To earn a Pathway Focus, students must successfully complete three courses from a single Pathway, one course from each Knowledge Domain. Students are still responsible to take additional Knowledge Domain courses to complete their general education requirements.

Creativity, Innovation, and Change

Creativity and innovation are essential for individuals, societies, economies, and organizations to change, prosper, and grow. This Pathway addresses the inception of creative ideas in individuals as well as how innovation and change is experienced and represented by individuals, groups, families, organizations, and/or societies. In the Pathway courses, students will engage with the topics of creativity, innovation, and change in a variety of disciplines across the university--both in terms of the phenomena and their outcomes. Students will examine different types of creativity and innovation at work in groups, organizations, and the minds of individual thinkers. Finally, they'll develop a better understanding of how change and innovation is enhanced and how it can be inhibited.

Select one of the following Creativity and Critical Analysis courses:

- ARTH 292 - Introduction to Modern Arts and Design Credits: 3
- ARTH 340 - Studies in Modern Art Credits: 3
- ARTH 350 - Studies in Contemporary Art Credits: 3
- FSMD 262 - Design Trends in Western Costume Credits: 3
- HIST 352 - Popular Culture in Japan Credits: 3
- HIST 369 - Women in United States History Credits: 3
  HIST 369 also fulfills the Human Diversity Requirement.
- MEE 382 - Design Thinking Credits: 3
- MGMT 227 - Entrepreneurship, Innovation, and Sustainability Credits: 3
- MGMT 311 - Social Entrepreneurship Credits: 3
- MGMT 327 - Creativity, Innovation, and Entrepreneurship Credits: 3
- MUHL 221 - Introduction to Jazz Music Credits: 3
- TH-D 222 - Dance and the Fine Arts Credits: 3
- TH-D 474 - Contemporary Topics in Dance Credits: 3
- THEA 203 - Introduction to Theatre Credits: 3
- THEA 379 - Perspectives on Creativity Credits: 3

Select one of the following Nature and Technology courses:

- ELE 100 - Elements of Electronics Credits: 3
- ISYE 100 - Fundamentals of Manufacturing Systems Credits: 3
- ISYE 250 - Introduction to Lean Systems Engineering Credits: 2
- ISYE 420 - Introduction to Energy Management Systems Credits: 3
- TECH 294 - Technology and Cultural Relevance Credits: 3

Select one of the following Society and Culture courses:

- ARTE 109 - Strategic Visual Thinking Credits: 3
- HIST 355 - History of Black American Music Credits: 3
  HIST 355 is a writing infused course.
- IVPA 201 - Creating Art for Others Credits: 3
- MGMT 417 - Leading and Managing Change Credits: 3
- SOCI 250 - Contemporary Social Institutions Credits: 3
- SOCI 354 - Families and Social Change Credits: 3

Global Connections

The Global Connections Pathway begins with the premise that the world is interconnected and that understanding its peoples, ideas, resources and systems is of vital importance. Students in the Pathway explore the ways in which the world's cultures interact, and the practices and discourses that have and continue to animate those encounters. The environment itself, its climate and resources are also a valuable part of the Pathway, framing the stage on which humans engage with each other and the natural world. A rich body of work on globalization and its antecedents provides overarching questions across the knowledge domains and help Pathway participants think critically and comparatively about the movement of people, capital, and culture around the world and its impact.

Select one of the following Creativity and Critical Analysis courses:

- ARTH 294 - Introduction to Arts of Asia Credits: 3
- ARTH 362 - Art and Design History of Global Visual Communication Credits: 3
- HIST 140 - Asia to 1500 Credits: 3
  HIST 140 fulfills the Human Diversity Requirement.
- HIST 141 - Asia Since 1500 Credits: 3
  HIST 141 fulfills the Human Diversity Requirement.
- LATS 100 - Introduction to Latin American Studies Credits: 3
  LATS 100 fulfills the Human Diversity Requirement.

Select one of the following Nature and Technology courses:

- GEOG 101 - Introduction to Environmental Geography Credits: 3
- GEOL 104 - Introduction to Ocean Science Credits: 3
- MEE 101 - Energy and the Environment Credits: 3

Select one of the following Society and Culture courses:

- ANTH 220 - Being Human: Introduction to Cultural Anthropology Credits: 3
- BKST 219 - Introduction to African Studies Credits: 3
- ENGL 318 - Exploring Human Language Credits: 3
  ENGL 318 is a writing infused course.
- EPFE 430 - Comparative and International Education Credits: 3
- FLBU 482 - Censorship, Propaganda, and Media Bias in Southeast Asia and Beyond Credits: 3
- GEOG 204 - Geography of Economic Activities Credits: 3
- HIST 343 - History of Southeast Asia Since ca. 1800 Credits: 3
- HIST 349 - African History Since 1600 Credits: 3
  HIST 349 fulfills the Human Diversity Requirement.
- HIST 382 - Modern Latin America Credits: 3
  HIST 382 fulfills the Human Diversity Requirement.
- HIST 388 - The Cuban Revolution and Its Legacy Credits: 3
  HIST 388 fulfills the Human Diversity Requirement.
- MUHL 431 - Music of Southeast Asia Credits: 3
- NUTR 406 - Global Food and Nutrition Issues Credits: 3
- POLS 260 - Introduction to Comparative Politics Credits: 3
- SEAS 225 - Southeast Asia: Crossroads of the World Credits: 3

Health and Wellness

Promoting health and wellness allows individuals to improve their lives as well the health of their families and the broader communities within a social context. The Health and Wellness Pathway affords students the opportunity to integrate a broad range of knowledge and skills to promote effective life changes and enhance their well-being, while providing a multidisciplinary base for those who seek careers related to health and wellness. Courses chosen for this Pathway constitute a holistic approach to health and wellness (e.g., physical, environmental, emotional, social, and intellectual). Moreover, this Pathway recognizes that achieving optimal health and wellness is a lifelong and continual process, and that a thorough understanding of the factors that define and determine wellness and improve health is necessary to comprehend the mutual relationship between the mind and the body, take personal and social responsibility for self-improvement, create opportunities for well-being, optimize quality of life, and foster new approaches to address a perpetually changing environment.

Select one of the following Creativity and Critical Analysis courses:

- COMS 203 - Interpersonal Communication Skills Credits: 3
- COMS 480 - Communication and Conflict Management Credits: 3
- ENGL 110 - Literature and Popular Culture Credits: 3
- ENGL 361 - Literature of Health Care Credits: 3
- JOUR 350 - Environment, Health, and the Media Credits: 3
- KNPE 393 - Social Aspects of Sport Credits: 3
  KNPE 393 also fulfills the Human Diversity Requirement.

Select one of the following Nature and Technology courses:

- BIOS 109 - Human Biology Credits: 3
- NUTR 201 - Human Nutrition Credits: 3
- KNPE 100 - Scientific Basis of Human Activity Credits: 3
- PSYC 481 - Drugs and Behavior Credits: 3

Select one of the following Society and Culture courses:

- ANTH 465 - Medical Anthropology Credits: 3
- HDFS 280 - Human Development, the Family, and Society Credits: 3
- HIST 361 - History of Health and Medicine in the United States Credits: 3
  HIST 361 also fulfills the Human Diversity Requirement.
- HIST 386 - History of Human Rights Credits: 3
- KNPE 111 - Sport: Culture and Society Credits: 3
  KNPE 111 also fulfills the Human Diversity Requirement.
- LESM 365 - Communication Strategies in Sport Credits: 3
- PHHE 206 - Contemporary Health Concepts Credits: 3
- PHHE 295 - Introduction to Public Health Credits: 3
- PHHE 315 - Introduction to Health Promotion Credits: 3
- PHIL 336 - Biomedical Ethics Credits: 3
- POLS 220 - Introduction to Public Policy Credits: 3
- PSPA 220X - Introduction to Public Policy Credits: 3
- SEVI 205 - The Blindness Experience Credits: 3
  SEVI 205 also fulfills the Human Diversity Requirement.

Learning

The specific processes and circumstances related to learning vary with cultural, historical, sociological and individual factors, making the area of learning a richly diverse and interdisciplinary field with many methodological perspectives, emphases and applications. The study of learning offers applications to personal, societal and professional areas of life. Students learn about the way in which learning is influenced by context, how to improve it, and how to assess its effectiveness. The study of learning also pertains to informed citizenship, which requires development of the ability to use information to think about an issue critically, from multiple perspectives and with an understanding of diverse methodological approaches. Students in the Learning Pathway will become aware of a framework of understanding that not only encompasses their own disciplines, but begins to include other methodologies into their schema of understanding. This will help students to not only become more flexible in their approaches to problem solving but more accepting of other ideas and conventions of thought. This Pathway intentionally draws from several diverse disciplines to attempt to challenge students' comfort and their methodologies, examining common issues and ideas that appear in several fields, allowing them to see the problem as a multifaceted way as opposed to a two-dimensional object.

Select one of the following Creativity and Critical Analysis courses:

- COMS 356 - Critical Interpretation of Film/Television Credits: 3
- EPFE 400 - Foundations of Education Credits: 3
- EPS 300 - Educational Psychology Credits: 3

Select one of the following Nature and Technology courses:

- ETR 450 - Data Analysis for Design and Evaluation Credits: 3
- ETT 234 - Learning with Technology Credits: 3
- ILAS 261 - Language, Mind, and Thought Credits: 3
- OR ANTH 261X - Language, Mind, and Thought Credits: 3
- OR ENGL 261X - Language, Mind, and Thought Credits: 3
- PSYC 345 - Cognitive Psychology Credits: 3

Select one of the following Society and Culture courses:

- ANTH 120 - Anthropology and Human Diversity Credits: 3
- ART 465 - Introduction to Museum Studies Credits: 3
- BKST 300 - Foundations of Black Studies Credits: 3
- COMD 220 - Introduction to Communicative Disorders Credits: 3
- EPS 307 - Development of the Adolescent Credits: 3
- ETT 329 - Learning in the Digital Age Credits: 3
- HDFS 230 - Child Development Credits: 3
- PSYC 225 - Lifespan Development: Childhood Through Adulthood Credits: 3
- PSYC 245 - Thinking Credits: 3
- SEEC 201 - Play Development and Early Childhood Education Services Credits: 3

Origins and Influences

The Origins and Influences Pathway considers a timeless question: how has the past shaped the present? By studying this question students will expand their understanding of who we are--as individuals, as members of societies, and as participants in the human condition. This Pathway considers the broader context of human society and culture, the relationship of people to nature and technology, and the broad array of human endeavors in creativity and critical thought. It takes the long view of the human past reaching back to the origins of the planet and the development of humans as a species. At the same time, it looks forward to such contemporary matters as race, gender, and sexuality in modern society. Courses in the Origins and Influences Pathway explore the ways in which humans have constructed their economic, social, and political orders, and they give vital attention to the central place of literature, music, and the performing arts in the human experience. Across a wide variety of courses and programs, students will gain diverse perspectives on the multiple ways in which the past has shaped our world.

Select one of the following Creativity and Critical Analysis courses:

- ARTH 282 - Introduction to World Art Credits: 3
- ENGL 271 - Classical Mythology Credits: 3
- ENGL 315 - Readings in Shakespeare Credits: 3
- EPFE 321 - History of American Education Credits: 3
  EPFE 321 also fulfills the Human Diversity Requirement.
- FLRU 361 - Russian Culture and Literature Credits: 3
- HIST 170 - World History I: Problems in the Human Past Credits: 3
  HIST 170 also fulfills the Human Diversity Requirement.
- MDST 225 - Medieval Society and Culture Credits: 3
- MUHL 220 - Introduction to Western Musical Traditions Credits: 3
- POLS 251 - Introduction to Political Philosophy Credits: 3
- THEA 370 - History of Theatre and Drama I Credits: 3
- WGSS 202 - Women and Cultural Expression Credits: 3
  WGSS 202 also fulfills the Human Diversity Requirement.

Select one of the following Nature and Technology courses:

- ANTH 240 - Becoming Human: Discovering Human Origins Credits: 3

- ARTH 331 - Art, Nature and Technology 1400 to 1800 Credits: 3
- GEOL 103 - Planetary and Space Science Credits: 3
- GEOL 120 - Planet Earth Credits: 3
- PHYS 162 - Elementary Astronomy Credits: 3

Select one of the following Society and Culture courses:

- ANTH 105 - Archaeology Myths and Mysteries Credits: 3
- ARTH 310 - Studies in Ancient and Middle-Eastern Art Credits: 3
- ARTH 330 - Studies in Early Modern European Art Credits: 3
- GEOG 202 - World Regional Geography Credits: 3
- HIST 364 - African-American History to 1865 Credits: 3
  HIST 364 also fulfills the Human Diversity Requirement.
- HIST 381 - Colonial Latin America Credits: 3
  HIST 381 also fulfills the Human Diversity Requirement.

Social Justice and Diversity

The prosperity of a diverse society demands that its citizens be able to contribute to public discourse and policymaking in an educated and thoughtful manner. The Social Justice and Diversity Pathway is designed to do the following: provide students with the necessary skills and knowledge to be prepared for active and responsible engagement in social decision-making; to unite people of different social identities; to create and sustain social and political processes; and to support a just and equitable society. This Pathway recognizes that public issue decisions need to be tied to facts, a fully developed personal sense of social justice, individuals' understanding of their identities and their connection to the larger social context. This Pathway also guides students toward an understanding of the political and economic mechanisms that guide the policy process. The courses chosen for this Pathway address one or more of these elements and were chosen to provide students with a knowledge base that will prepare them for a lifetime of informed engagement in a diverse society. This Pathway provides the opportunity for students to develop the skills, values, and personal understanding to become leaders in our globalized society.

Select one of the following Creativity and Critical Analysis courses:

- ENGL 117 - Literature of Social Justice Credits: 3
- EPS 430 - Becoming an Adult in the 21st Century: Seeking Meaning Credits: 3
- ETT 231 - Digital Visual Literacy for Learning Credits: 3
- HIST 260 - American History to 1865 Credits: 3
  HIST 260 also fulfills the Human Diversity Requirement.

Select one of the following Nature and Technology courses:

- ENVS 210 - Introduction to Sustainable Food Systems Credits: 3
- GEOG 253 - Environment and Society Credits: 3

Select one of the following Society and Culture courses:

- ANTH 302 - Asian American Cultures Credits: 3
  ANTH 302 also fulfills the Human Diversity Requirement.
- BKST 200 - Racism in American Culture and Society Credits: 3
  BKST 200 also fulfills the Human Diversity Requirement.
- BKST 440 - Black Liberation Movements Credits: 3
- COMS 362 - Intercultural Communication Credits: 3
  COMS 362 also fulfills the Human Diversity Requirement.
- COMS 403 - Freedom of Speech and Communication Ethics Credits: 3
- COMS 410 - Communication and Gender Credits: 3
  COMS 410 also fulfills the Human Diversity Requirement.
- EPFE 440 - Education for Social Justice Credits: 3
  EPFE 440 also fulfills the Human Diversity Requirement.
- ETT 211 - Technology in a Diverse Society Credits: 3
  ETT 211 also fulfills the Human Diversity Requirement.
- HIST 365 - African-American History Since 1865 Credits: 3
  HIST 365 also fulfills the Human Diversity Requirement
- NNGO 100 - Community Leadership and Civic Engagement Credits: 3
- SCL 100 - Foundation of Social Change Leadership Credits: 3
- SOCI 270 - Social Problems Credits: 3
- WGSS 101 - Introduction to Women, Gender and Sexuality Studies Credits: 3
  WGSS 101 also fulfills the Human Diversity Requirement.
- WGSS 324 - Women in Science Credits: 3
  WGSS 324 also fulfills the Human Diversity Requirement.
- OR BIOS 324X - Women in Science Credits: 3
  BIOS 324X also fulfills the Human Diversity Requirement.
- OR GEOG 324X - Women in Science Credits: 3
  GEOG 324X also fulfills the Human Diversity Requirement.
- WGSS 350 - Lesbian, Gay, Bisexual, and Transgender Studies Credits: 3
  WGSS 350 also fulfills the Human Diversity Requirement.

Sustainability

Many have defined sustainability as economic development that meets the needs of the present without compromising the ability of future generations to meet their own needs. Others stress the value of social justice with intergenerational equity and respect for the planet and all of its occupants. The Sustainability Pathway investigates both fiscal and environmental sustainability through economic and societal activities. People, technology, and natural processes will be

critical elements in achieving more sustainable societies with environmental justice, with both costs and benefits being collective. Sustainability studies are relevant to a wide array of disciplines because sustainable behaviors must flow from knowledgeable, participatory citizens with an intergenerational awareness of the connections, and interdependencies among equitable societies, vital economies, human innovation, and goods and services. This Pathway is designed to equip students with the knowledge and skills necessary to develop sustainable choices over the course of their lives and professional careers.

Select one of the following Creativity and Critical Analysis courses:

- ANTH 102 - Temples and Tombs: Rise of Civilization Credits: 3
- COMS 220 - Rhetoric and Public Issues Credits: 3
- HIST 171 - World History II: Problems in the Human Past Credits: 3
- HIST 261 - American History since 1865 Credits: 3
  HIST 261 also fulfills the Human Diversity Requirement.

Select one of the following Nature and Technology courses:

- ANTH 103 - The Great Apes Credits: 3
- BIOS 106 - Environmental Biology Credits: 3
- GEOL 101 - Geology of the National Parks Credits: 3
- GEOL 105 - Geologic Resources and the Environment Credits: 3
- HIST 377 - American Environmental History Credits: 3
  HIST 377 also fulfills the Human Diversity Requirement.
- TECH 245 - Pollution Prevention and Sustainable Production Credits: 3

Select one of the following Society and Culture courses:

- ARTH 360 - Studies in Design Credits: 3
- ARTH 361 - History of Sustainable Design Credits: 3
  ARTH 361 is a writing infused course.
- BKST 211 - Educating African Americans Credits: 3
  BKST 211 also fulfills the Human Diversity Requirement.
- ECON 160 - Contemporary Economic Issues Credits: 3
- ENVS 303 - Environment in the Social Sciences and Humanities Credits: 3
- ENVS 361X - History of Sustainable Design Credits: 3
  ENVS 361X is a writing infused course.
- ETR 451 - Community-based and Participatory Action Research Credits: 3
- FINA 315 - Personal Investing and Finance Credits: 3
- HDFS 207 - The Consumer Credits: 3
- POLS 210 - Introduction to Law and Courts Credits: 3

Other Graduation Requirements

Graduation Requirements

Many majors, emphases, and areas of study have graduation requirements beyond those required by the university. Examples of such requirements include, but are not limited to, satisfactory production of a portfolio, maintaining a designated cumulative and/or major GPA, earning a certain grade in certain courses, successful performance on a standardized performance measure, and successful completion of clinical requirements. Students interested in these majors, emphases, or areas of study and students already admitted to them should consult department and college program requirements listed in the individual college and department sections of this catalog. Students are also strongly encouraged to consult with an adviser to assure they continue to qualify for graduation in their chosen major, emphasis, or area of study. See individual colleges and departments.

Second Major/Emphasis

A double major may require more semester hours than the 120-semester-hour minimum required for graduation. A student may fulfill the requirements for two separate majors ("double major") while earning one baccalaureate degree. The student must request entrance into the second major from the appropriate academic department. If the requirements for both majors are fulfilled, both will be indicated on the academic record.

If the second major requires a second degree (for example, if the student is pursuing a B.A. in history and wants a B.S. in economics as a second major), the student must complete the requirements for both degrees.

A student who wishes to complete two majors or two emphases in the same department must have written approval by the department curriculum committee and the major college curriculum committee.

The degree the student will be granted will be that permitted by the student's first declared major. Only one degree will be granted unless the additional requirements listed in the section entitled "Second Baccalaureate Degree" are also met.

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Second Baccalaureate Degree

A student who earns a baccalaureate degree from NIU may receive a second such degree if all requirements for both degrees are met. The curriculum for the second degree must include at least 30 semester hours in residence above the minimum 120 semester hours required for the first degree at NIU, unless the degrees are earned concurrently. If earned concurrently, both degree requirements must be met with a minimum of 120 semester hours.

A student who holds a baccalaureate degree from another college or university may receive a second such degree from NIU by meeting these requirements.

- Being admitted to NIU.
- Earning at least 30 semester hours of undergraduate credit in residence at NIU.
- Fulfilling all requirements for a major other than the first major and all degree requirements.
- Earning at least 12 semester hours of major departmental requirements in courses numbered at the 300 and 400 level taken at NIU.

A student may not apply any credit in physical education activity courses toward the second baccalaureate degree.

Minor

In order for the university to record on a student's transcript that a minor was successfully completed during the student's undergraduate program, the student must attain a minimum cumulative GPA of 2.00 in all courses taken in the minor at NIU.

Foreign Language Requirements for the B.A. Degree

Candidates for the Bachelor of Arts degree must demonstrate competence in a foreign language equivalent to that attained in two years of college instruction. This requirement must be met by one of the following five options:

Successful completion of one of the following sequences.

- American Sign Language: FLSL 101, FLSL 102, FLSL 201, FLSL 202
- Arabic: FLAR 103, FLAR 104
- Burmese: FLBU 103, FLBU 104
- Chinese: FLCH 101, FLCH 102, FLCH 201, FLCH 202
- French: FLFR 101, FLFR 102, FLFR 201, FLFR 202
- German: FLGE 101, FLGE 102, FLGE 201, FLGE 202
- Indonesian: FLIN 103, FLIN 104
- Italian: FLIT 103, FLIT 104
- Japanese: FLJA 101, FLJA 102, FLJA 201, FLJA 202
- Khmer: FLKH 103, FLKH 104
- Latin: FLCL 101, FLCL 102, FLCL 201, FLCL 202
- Polish: FLPL 101, FLPL 102, FLPL 201, FLPL 202
- Portuguese: FLPO 103, FLPO 104
- Russian: FLRU 101, FLRU 102, FLRU 201, FLRU 202
- Spanish: FLSP 101, FLSP 102, FLSP 201, and FLSP 202 or FLSP 215*
- Tagalog: FLTA 103, FLTA 104
- Thai: FLTH 103, FLTH 104
- Successful completion of FLST 181 and FLST 182, in the same language.

OR

Earning grades of C or better in the fourth-year of a foreign language at an accredited high school.

OR

Demonstrating fluency (speaking, reading, writing, and listening) in a language other than English on the Standards-Based Measurement of Proficiency (STAMP) test administered through the Department of World Languages and Cultures. See "Credit by Examination" section in undergraduate catalog.

OR

Requesting course credit for the State Seal of Biliteracy within 3 academic years after graduating from high school. See "Credit by Examination" section in undergraduate catalog.

OR

Exemption (no credit awarded) by:

> Demonstrating competence equal to the work required in the last course in one of the sequences listed above on a four-skills test (reading, writing, listening, and speaking) administered through the NIU Office of Testing Services. Such examinations are available for languages taught by the faculty of the NIU Department of World Languages and Cultures.
>
> **OR**
>
> Registering as an international student at NIU, with a native language other than English.

Students with high school credit in French, German, or Spanish who wish to continue in that language must gain placement into the appropriate course in the desired sequence by taking the foreign language placement examination. On the basis of this examination, the student must begin the chosen language sequence in the course indicated by the placement examination, disregarding that course's prerequisites. For example, a student gaining placement into French 201 does not have to complete the courses FLFR 101 and FLFR 102. For placement in all other languages listed above, see the appropriate coordinator in the Department of World Languages and Cultures.

*With consent of the Department of World Languages and Cultures, native speakers of Spanish may substitute FLSP 215 for any and all levels of FLSP 101 through FLSP 202.

Special Requirements for the B.S. Degrees in Biomedical Engineering, Electrical Engineering, Engineering Technology, Industrial Engineering, Mechanical Engineering, or Mechatronics Engineering.

All engineering and engineering technology students must have their schedule reviewed, approved, and signed by their assigned advisers each semester. Any deviation from an approved course schedule may delay graduation.

Special Requirement for the B.S. Degree in the College of Liberal Arts and Sciences

Candidates for the Bachelor of Science degree in the College of Liberal Arts and Sciences must fulfill a special college requirement. They must demonstrate competence in laboratory science and/or mathematical/computational skills equivalent to that attained in two years of college instruction (10-15 semester hours). See the College of Liberal Arts and Sciences section for a description of the requirement.

Application for Graduation

Choice of Catalog

The rules governing catalog choice for different categories of students are given below. However, no student may graduate under a catalog more than six years old, unless specific permission is obtained from the major college in a case where the major program in question is still available as an approved program of study. The rules given below apply only to requirements for majors, minors, and general education. All students are subject to the academic regulations stated in the most recent catalog.

Entering Freshmen

Students who enter NIU as first-semester freshmen should use the catalog current when they take their first course at NIU; they may shift to any later catalog which is in effect while they are enrolled. They may choose to satisfy all requirements from a single catalog or they may satisfy major and minor requirements from one and general education requirements from a second. Students earning a second major may choose a separate catalog for each degree only with the written approval of their college office.

Transfer Students

Students may choose the NIU catalog which was in effect when they became freshmen at their original school or any later NIU catalog, providing they were enrolled during the catalog year of their choice, but they cannot choose an NIU catalog which was in effect more than three years before their admission or reentry to NIU. They may also elect to satisfy all graduation requirements from a single catalog or major and minor requirements from one and general education requirements from a second.

Reentering Students

Students reentering NIU after an interruption of more than three years are subject to catalog provisions in effect at the time they reenter. (However, every effort will be made to count earlier courses in the way most beneficial to fulfilling current requirements.)

Students reentering NIU after an interruption of fewer than three years can use the catalog in effect at the time of their original admission to NIU or any later catalog.

Reentering students who have attended other colleges or universities while away from NIU are subject to the previously stated Transfer Students policy.

Postbaccalaureate Students

Students pursuing a second baccalaureate degree are subject to the provisions of the catalog in effect at the time of their starting their second baccalaureate program or any later catalog.

Applying for Graduation

Degrees are granted in December, May, and August.

Undergraduate students who have completed 90 or more semester hours will be notified via e-mail that they are eligible to apply for graduation. The graduation application is found in MyNIU by navigating to Self Service>MyNIU Student Center>Academics>Apply for Graduation>Go. The graduation fee will be applied to the student account at the time of application. The deadlines for applying for graduation and commencement are as follows:

December graduation: apply March 1 - September 1
May graduation: apply August 1 - February 1
August graduation: apply August 1 - June 15 (Note: August graduates who wish to participate in the May commencement ceremony must apply for August graduation by February 1.)

Further correspondence regarding eligibility towards graduation may be sent via ZID e-mail account from the department, college office, or Registration and Records. Students with graduation deficiencies should contact their academic adviser for assistance. Students who do not complete all requirements during the term for which they applied must change their graduation date in Registration and Records by the next deadline date or no later than 30 days into the following semester. It is the student's responsibility to notify the Office of Registration and Records in writing of their next intended graduation date. An additional fee is not required.

Students completing degree requirements between degree dates may request a certification of degree requirements being met. Contact the Office of Registration and Records for details.

Degrees with Distinction

A student must have completed at least 45 semester hours of work at NIU to be eligible for graduation with distinction. Distinction grade point averages are computed on the basis of all NIU courses attempted in the last 45 hours.

Degrees with distinction are awarded as follows, dependent on a student's GPA at the time of graduation: *summa cum laude,* 3.90 through 4.00; *magna cum laude,* 3.75 through 3.899; *cum laude,* 3.50 through 3.749.

Students who have completed the requirements of the University Honors Program will graduate with the respective distinction of either "Full University Honors," or "Associate University Honors."

Educator Licensure Requirements

Students seeking initial educator licensure should contact the academic department offering the licensure program (see below). NIU's University Office of Educator Licensure and Preparation answers general questions about state licensure requirements and refers students to the appropriate academic department for specific advising.

To teach in a public school in the state of Illinois an individual must possess an Illinois Professional Educator License (PEL). NIU offers initial educator licensure programs which are approved by the Illinois State Board of Education (ISBE). NIU is accredited by the Council for the Accreditation of Educator Preparation (CAEP). Below is a list of ISBE-approved initial educator licensure programs together with the academic department (or departments) at NIU with responsibility for administering each program.

Requirements for NIU educator licensure programs are developed by the faculty in the context of state, national, disciplinary standards and requirements. Because students must meet the requirements of state law to be recommended for licensure, a student may find his or her licensure requirements changed for reasons beyond the university's control.

A student pursuing licensure should meet with her or his adviser to develop a plan of study that will satisfy the licensure requirements as they then exist. Once the plan of study is formally approved by the adviser, the requirements that student must meet in order to be recommended for licensure will not be changed by the adviser except to the extent that it may be necessary to satisfy changes in state licensure requirements. However, if other aspects of applicable departmental or university requirements are changed, the student may, with the approval of the adviser, modify the plan of study to conform to the new requirements. Because there may be delays in physical publication of new requirements as they are developed, departments and programs will make efforts to disseminate information about changes in requirements by other, more immediate means, including electronic media. A student who becomes aware of discrepancies between an approved licensure program plan of study and other published descriptions of licensure requirements is responsible for contacting his or her adviser to ascertain whether there have been changes in state requirements that will necessitate changes in the plan of study.

Licensure Program	Academic Department/School
Early Childhood (birth through grade 2)	Special and Early Education
Elementary (1-6)	Curriculum and Instruction
Middle Level (5-8)	Curriculum and Instruction
Secondary License (9-12)	
Biological Science	Biological Sciences
Chemistry	Chemistry and Biochemistry
Earth and Space Science	Geology and Environmental Geosciences
English	English
Environmental Science	Geology and Environmental Geosciences
History	History
Mathematics	Mathematical Sciences
Physics	Physics
Social Science (Including economics, geography, political science, psychology, and sociology and anthropology)	History
Special (PK-12)	
Art and Design (Students with an undergraduate degree must be admitted to the M.S. program in art with a specialization in art education to enter the licensure program.)	Art and Design
French	World Languages and Cultures
German	World Languages and Cultures
Music	Music
Physical Education	Kinesiology and Physical Education
Spanish	World Languages and Cultures
Special Education (Pre-K - age 21)	
Learning Behavior Specialist I	Special and Early Education
Visual Impairments	Special and Early Education

Students who wish to pursue more than one teaching endorsement must complete the NIU program requirements for each endorsement. Additional endorsements (see "Definitions of Terms Used in This Catalog") are available for persons interested in broadening their qualification as teachers in conjunction with certain initial educator licensure programs.

Admission to Educator Licensure Programs

Each department has determined whether enrollment in a degree program is necessary to pursue the educator licensure program(s) administered by that department.

Admission to the university or to a degree program in an academic department, school, or college does not necessarily constitute acceptance into a licensure program. Candidates for admission to an educator licensure program should apply directly to the academic department responsible for administering the program regarding information about admission.

All candidates for admission to educator licensure programs must demonstrate competence in reading, communication, and mathematical skills. Candidates should contact the department responsible for administering the licensure program regarding specific procedures for demonstrating this competence.

The GPA for all postbaccalaureate students, including those whose initial baccalaureate degree was earned at NIU, will include only postbaccalaureate course work attempted at NIU.

University Requirements for Educator Licensure

These are the minimum university-wide requirements for educator licensure. See also the individual academic departments, because some programs exceed these requirements.

Common Requirements for Educator Licensure

Upon satisfactory completion of one or more of the above initial educator licensure programs, students will be recommended for licensure. In order to be licensed to teach or supervise in Illinois public schools, a person must be of good character, in sound health, and at least 19 years of age. The following general requirements must be satisfied by all candidates for licensure. (See the academic department for specific information on other requirements.)

- An overall GPA of 2.50 or above in all course work taken at NIU for admission to and retention in a licensure program. A passing grade is required in all course work taken for educator licensure. Educator licensure requirements are deemed to be met only by obtaining a grade of C or better in courses using traditional A, A-, B+, B, B-, C+, C, D, F grading or an S in those professional or clinical courses in which S/U grading is used. An S is the equivalent to a C or better and a U is equivalent to a D or lower in educator licensure courses using S/U grading. In those courses in which S/U grading basis is applicable, the use of S and U will apply to all students registered in any class section in which S/U grading is employed. Individual students may not elect S and U grading. Some programs have higher GPA and/or course grade requirements. (See the academic department about specific requirements.)
- Successful completion of designated clinical experiences, including a minimum of 100 clock hours of approved clinical experience prior to student teaching. These experiences must be gradual and sequential throughout the preparation period. Completion of the requirements for the Illinois State Board of Education approved "Major Area of Specialization" for which the license is sought.
- An earned baccalaureate degree from a recognized institution.
- Candidates must take and pass any state mandated tests prior to student teaching (test may vary by program).
- Successful completion of the state mandated Teacher Performance Assessment (edTPA).
- Successful completion of course work and/or experience which contributes directly to an awareness of cultural diversity. (See the academic department about meeting this requirement).

General Education Requirements for Educator Licensure

The university's general education requirements for educator licensure are met when the general education requirements for an NIU baccalaureate degree have been met. A student who already holds a baccalaureate degree from an accredited institution, or the equivalent from a recognized foreign institution, is considered to have met the university's general education requirements for licensure.

Professional Education Requirements for Educator Licensure

Early Childhood Endorsement
Elementary Endorsement
Middle Grades Endorsement
High School Endorsement
Special Endorsement

Each endorsement requires professional education courses. The courses are listed in the specific department sections of this catalog.

Secondary Endorsements

Students seeking a secondary educator license who wish to be endorsed to teach additional subjects must have secondary subject-matter endorsements on their licenses. Students will be required to take additional course work. Students should see the discipline coordinator in the area of the intended endorsement for specific information on how to become eligible for secondary endorsements upon being recommended for licensure.

Student Teaching

Students must apply in advance for student teaching. (See the department adviser regarding the time to apply for placement.) Transportation to the student teaching site is the responsibility of the student. In addition to having completed the NIU licensure program requirements, *prior to student teaching* the student must (a) have earned a minimum of 14 semester hours at NIU, (b) have earned 90 semester hours, and (c) make all arrangements for student teaching through the appropriate department. Students may not make their own arrangements for student teaching sites nor may they request a change once an assignment has been confirmed by the cooperating school. For additional requirements students should see the appropriate department adviser.

Retention in Educator Licensure Programs

Admission to educator licensure programs does not guarantee continued acceptance unless the student maintains satisfactory grades and other qualifications. A candidate for a student teaching assignment or licensure must have good character, sound mental and physical health, and must demonstrate the skills, attitudes, and behaviors necessary for working with children and/or adolescents, as applicable.

Specific requirements for retention in an initial educator licensure program are determined by the faculty offering that program; students should consult the academic department for information.

Specific degree, content-area, professional education and clinical coursework that forms part of an application for licensure, endorsement, or state approval must have been passed with a grade no lower than C, or the equivalent, in order to be counted towards fulfillment of the applicable ISBE requirements. Students must see individual program advisers for the list of courses required.

Appeals

A student who wishes to appeal a grade or grades should utilize the current NIU Procedures for Use in Appealing Allegedly Capricious Semester Grades of Undergraduate Students (Grade Appeal Policy). A student who wishes to appeal a decision regarding admission to, retention in, or completion of an initial educator licensure program should consult with the appropriate college advising office regarding the procedures to be followed.

Criminal Background Check

Illinois law requires Illinois 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 whether the offenses and/or conviction occurred inside or outside the state of Illinois.

For initial educator licensure and advanced programs with students who do not hold current employment in a school or district: Students should contact the school district office of their placement site to confirm the location and availability and to determine how to proceed to obtain an FBI finger-print based CBC. Students should follow the district's policies and use their preferred provider and payment options. Students need to be aware that a new CBC will be required for each new district they will be placed at for a clinical or student teaching placement. This means there will be a charge for each new CBC required.

Students need to be aware there are potential consequences of having any criminal history. This FBI-mandated change means schools will now be the owners of the CBC information, and they will decide whether or not a conviction warrants exclusion from their schools and classrooms. Schools have the option of rejecting candidates based on their criminal history.

Contact your adviser for further details.

Out-of-State Employment in Public Schools

Other states have similar or additional licensure, licensing, or employment requirements. NIU is not responsible for informing any student of statutes, rules, or regulations which might affect the future licensure or employment of teachers. Students wishing admission to any NIU educator licensure program are responsible for determining their own eligibility for eventual licensure in another state.

Academic Regulations

Regulations in this catalog represent the policies adopted by the faculty and administration of NIU at the time of this publication. Students who need clarity regarding one of these regulations should consult with the advising director of their college or with the Academic Advising Center, if students have no college affiliation.

Advisement and Registration

Advisement, information, and other academic assistance are available in the advising offices of the six colleges with undergraduate programs. Each college also provides student services such as policies on and forms for overloads, course drops, course withdrawals, semester withdrawals, and petitions for requirement waivers. Questions concerning retention, dismissal, and reinstatement should be directed to the office of the college in which the student's major department is located.

All NIU students who have yet to declare a degree seeking major are required to meet with an academic advisor to explore major options and to understand the prerequisite requirements for majors in which the student is interested. A registration hold is placed on the student's account to ensure that they meet with an advisor.

Students are responsible for checking with their academic adviser to determine that they will have met all university and departmental requirements by the time they expect to graduate.

College of Business
Barsema Hall 201

All College of Business students who have not enrolled in upper-level business courses are advised in the advising office Undergraduate Advising and Student Resources. Once enrolled in upper-level business courses, students are advised in the department in which they have a declared major.

College of Education

Applied Management: Instructional Technology, Training and Evaluation - Gabel Hall 208; Early Childhood Elementary and Special Education - Gabel Hall 161; Elementary Education - Gabel Hall 152; Kinesiology and Physical Education - Anderson Hall 214

Individual departments in the College of Education provide academic advisement for students majoring in those departments, as well as information about admission to educator licensure for students in early childhood, elementary, middle level, special, and physical education programs.

College of Engineering and Engineering Technology
Engineering Building 130

All students in the College of Engineering and Engineering Technology are advised in the Central Advising Office for the first two years or until a minimum of 60 credit hours have been earned, and their math milestone is met.

All transfer students will be advised in the Central Advising Office for their first semester or until their math milestone is met.

Students majoring in Electrical, Biomedical, Industrial and Systems, Mechanical, or Mechatronics Engineering who have passed MATH 230 with a C or better and have earned a minimum of 60 credit hours are advised in the department of their intended or declared major. Students majoring in Engineering Technology who have passed MATH 155 with a C or better and have earned 60 credit hours will be advised in the department of their intended or declared major.

Students whose advisement needs cannot be met by the Central Advising Office will be referred to the department chair/faculty advisor. Students are encouraged to meet with their department major upon completion of math milestone.

College of Health and Human Sciences
Wirtz Hall 227

All students in the College of Health and Human Sciences are initially advised in the college advising office. Some majors will be assigned a program or faculty adviser in their school as juniors or seniors.

College of Liberal Arts and Sciences
Zulauf 201

The College of Liberal Arts and Sciences Advising Office advises all students who have declared a major in a department in the College of Liberal Arts and Sciences. College advisers work in parallel with departmental advisers who advise students regarding major courses, curriculum, engaged learning and careers.

College of Visual and Performing Arts
Music Building 303

Students in the College of Visual and Performing Arts receive academic advisement in their major departments. Students whose advisement needs cannot be met in their major departments are referred to the college advising office.

Academic Advising Center
Campus Life Building 222

The Academic Advising Center advises all students who have no college affiliation. The Academic Advising Center is staffed by academic advisers and supports the distinct nature of students who are undecided and exploring majors. The Academic Advising Center will not, under any circumstances, initiate or approve exemptions to curricular requirements or requests for waivers to university graduation requirements.

Declaration of Major, Minor, and Degree

Applicants for Admission

The university requires both freshman and transfer students to declare their major at the time they apply for admission. Students who are undecided and desire no college affiliation at their time of application, should choose "Undecided-Any College" as their major. This information is needed for purposes of academic advisement and for institutional planning. It is understood that experience in university courses and further consultation with academic advisers may lead to changes in the student's academic interests.

Change of Major or Declaration of Minor

Students will be placed into the major and emphasis, if applicable, at the point of admission if they meet the admission requirements of the degree program. There are major programs in the university in which acceptance of students is either limited or requires the meeting of specific criteria. Some of these programs may require acceptance into a major or emphasis at the time of admission. See "Limited Admissions and Limited Retention Requirements" and individual departments.

Many majors have course requirements outside the department. Students, through consultation with an adviser, should ensure that these requirements are taken in the appropriate program semester.

There are some majors in which a student must follow a highly structured sequence of courses. It is important to get advice as early as possible to plan a program of study. For information regarding academic majors and potential career outcomes please visit the College Scorecard and the Academic Major Report.

A student may declare a minor at any time by completing a "Minor Request" form in the office of the department offering the minor. A student may not take a minor offered by the department of his or her major unless this is specifically permitted in the description of the minor.

There are also some minors which have admission requirements. See individual departments.

Students may change a major, emphasis, or minor by completing a "Major Request" or "Minor Request" form at the office of the department that they wish to enter as a major or minor. Students remain under the jurisdiction of their current major college office until the change of major becomes effective.

Major changes for students who have not been academically dismissed or retained on academic probation initiated within the last three weeks of the term, including the final examination period, will become effective one week after the end of the final examination for that term. Major changes for students who have been academically dismissed or retained on academic probation will require acceptance of the college of the new major.

Registration

Registration information and a listing of course offerings are available in the MyNIU student system. Information is also available from the Office of Registration and Records' website at www.reg.niu.edu. Click on "Courses and Registration" for additional information. **NOTE: Students will not receive credit for any course for which the registration was not completed in a timely manner in accordance with university procedures. Further, it is against university policy to attend or participate in a course in which one is not officially registered.**

Students who have any obligation to the university (such as unpaid fines, tuition, fees, residence hall charges, missing admission documents, etc.) will not be allowed to register for classes until all obligations are met and should not expect retroactive enrollment for the period of time during which they were not eligible to register. (See "Academic Records and Encumbrances.")

Registration may be canceled for students who fail to satisfy admission or registration requirements.

Certificate of Undergraduate Study

A certificate of undergraduate study is awarded upon successful completion of a specified coherent set of undergraduate courses focusing on a specific theme (minimum of 9 hours). Notation of a specific certificate of undergraduate study will be posted on the student's transcript upon the successful completion of the requirements for that certificate. To pursue a certificate of undergraduate study, a student must be admitted to NIU, must submit an application to the appropriate academic unit, and must have the application approved. Some certificates of undergraduate study may have additional admission requirements.

Only courses taken at NIU may be applied toward a certificate, and a GPA of at least 2.00 must be earned in the course work used toward the certificate, all of which must be completed within the period of time specified in the requirements for the certificate. With the approval of the major department, courses used to satisfy requirements of a certificate may also be applied toward an undergraduate major. See the individual certificate of undergraduate study for other specific requirements.

Certificates of undergraduate study with the following titles are available.

Adolescence (NIU Collaborative on Early Adolescence)
Applied Ethics (College of Business and College of Liberal Arts and Sciences; see "Inter-College Interdisciplinary Certificates.")
Asian American Studies (College of Liberal Arts and Sciences)
Black Studies
Business Analytics Using SAS Software - SAS Joint Certificate Program (Department of Operations Management and Information Systems)
Creative Writing (Department of English)
Criminology (Department of Sociology)
Digital Marketing (Department of Marketing)
Digital Media Production (Department of Communication)
eLearning Design (Department of Educational Technology, Research & Assessment)
Energy Management (Department of Technology)
Enterprise Management Using SAP Software (Department of Operations Management and Information Systems)
Facilities Management (Department of Technology)
Film and Television Studies (College of Liberal Arts and Sciences)
Finance (Department of Finance)
Financial Planning (Department of Finance)
FinTech (Department of Finance)
Foundations of Educational Policy Studies (Department of Leadership, Educational Psychology, and Foundations)
Geographic Information Systems (Department of Geographic and Atmospheric Sciences)
Homeland Security (College of Engineering and Engineering Technology, College of Health and Human Sciences, and College of Liberal Arts and Sciences; see "Inter-College Interdisciplinary Certificates.")
Illinois Director Credential Certificate - Level 2 (School of Family and Consumer Sciences)
Illinois Early Childhood Education (ECE) Credential Certificate-Levels 2-5 (School of Family and Consumer Sciences)
Illinois Family Specialist Credential Certificate-Level 5 (52)
Inclusive Teaching Practices (Department of Special and Early Education)
Infant Toddler Credential Certificate - Level 5 (School of Family and Consumer Sciences)
Information Technology Management (Department of Operations Management and Information Systems)
International Marketing (Department of Marketing)
Leadership and Aging Services (College of Health and Human Sciences)
Lean Six Sigma (College of Engineering and Engineering Technology)
Lesbian, Gay, Bisexual, and Transgender Studies (College of Liberal Arts and Sciences)
Logistics (Department of Industrial and Systems Engineering)
Middle School Literacy (Department of Curriculum and Instruction)
Mobile Programming (Department of Computer Science)
Nanotechnology (College of Engineering and Engineering Technology)
Nonprofit and NGO Studies (Center for Nonprofit and NGO Studies)
Philosophy of Education (Department of Leadership, Educational Psychology and Foundations)
Professional Selling (Department of Marketing)

Public Service Leadership (Division of Public Administration)
Retail Management (Department of Marketing)
Social Entrepreneurship (Department of Management)
Supply Chain Management (Department of Operations Management and Information Systems)
Sustainable Food Systems (Environmental Studies)
Women's and Gender Studies (College of Liberal Arts and Sciences)
Young Children with Disabilities Studies (Department of Special and Early Education)

Schedule Changes

Schedule changes may have serious academic and financial consequences. It is highly recommended that students meet with their academic advisers prior to making any schedule changes. Contact the Financial Aid and Scholarship Office regarding the impact of schedule changes on any financial aid. International students need to contact the International Student and Faculty Office (ISFO). Students living in university housing who are reducing their schedule to less than 12 hours or who are processing a semester withdrawal must contact Housing and Residential Services. Reducing hours can also impact student insurance. Contact Student Health Insurance for additional information. Student-athletes should contact Student-Athlete Academic Support Services (SAASS).

See chart and detailed procedures below including the Undergraduate Academic Calendar for appropriate deadlines for adding a course, course drops, course withdrawals, and for semester withdrawals. Other deadlines may apply for 14-week, summer, and dynamic (non-standard) courses. Students should refer to MyNIU for course specific deadlines.

Schedule Change Process for 16-week courses (full-semester)

ACTION	WEEK 1	WEEK 2	WEEK 3 to DAY 5 of WEEK 10*	WEEK 11 to DAY 5 of WEEK 15 †
COURSE ADD	Student can **ADD** a course without prior permission. This is done in MyNIU.	Student needs permission from the offering department to **ADD** a course.		
COURSE DROP	Student can **COURSE DROP** without prior permission. This is done in MyNIU. The course will be removed from the student's academic record.	Student needs to have their college advising office[2] process any **COURSE DROP**. The course will be removed from the student's academic record.		
COURSE WITHDRAWAL			Student needs to have their college advising office[2] process any **COURSE WITHDRAWAL**. A **"W" will permanently appear** on the student's academic record.	A **COURSE WITHDRAWAL** requested beginning in week 11 will be granted only in exceptional cases for circumstances **beyond the student's control** (medical reasons, military reasons, or hardship). If the Course Withdrawal is denied the student may **appeal** the decision with the Curricular Dean of the College.[4] [5] If granted a **"W" will permanently appear** on the student's academic record for all courses from which the student has withdrawn.
SEMESTER WITHDRAWAL	Student can **SEMESTER WITHDRAWAL** without prior permission. This is done in MyNIU[1]. All courses will be removed from the student's academic record.	Student needs to have their college advising office[3] process a **SEMESTER WITHDRAWAL**. All courses will be removed from the student's academic record.	Student needs to have their college advising office[3] process a **SEMESTER WITHDRAWAL**. A **"W" will permanently appear** on the student's academic record for all courses.	A **SEMESTER WITHDRAWAL** requested beginning in week 11 will be granted only in exceptional cases for circumstances **beyond the student's control** (medical reasons, military reasons, or hardship). If the Semester Withdrawal is denied the student may **appeal** the decision to the Curricular Dean of the College.[4] [5] If granted a **"W" will permanently appear** on the student's academic record for all courses from which the student has withdrawn.

[1] When the student initiates a **SEMESTER WITHDRAWAL** an information window with a checklist will pop-up in MyNIU.
[2] If the student has no college affiliation, the Academic Advising Center will need to process a **COURSE DROP/WITHDRAWAL.**
[3] If the student has no college affiliation, the Academic Advising Center will need to process a **SEMESTER WITHDRAWAL.**
[4] The Curricular Dean's decision in regards to the **APPEAL** will be final.
[5] If the Curricular Dean also serves as Advising Director in the college, the Dean shall make the final decision.
† Please see additional information below for details on **Course Withdrawal** or **Semester Withdrawal** Week 11 to Day 5 of Week 15.
*For spring semester, the week of Spring Break is not counted in the withdrawal schedule week count.

Schedule Change Process for 8-week courses

ACTION	WEEK 1	WEEK 2	WEEK 3 to DAY 5 of WEEK 5	WEEK 6 to WEEK 8 †
COURSE ADD	Student can **ADD** a course without prior permission. This is done in MyNIU.	Student needs permission from the offering department to **ADD** a course.		
COURSE DROP	Student can **COURSE DROP** without prior permission. This is done in MyNIU. The course will be removed from the student's academic record.			
COURSE WITHDRAWAL		Student needs to have their college advising office[2] process any **COURSE WITHDRAWAL**. A **"W" will permanently appear** on the student's academic record.	Student needs to have their college advising office[2] process any **COURSE WITHDRAWAL**. A **"W" will permanently appear** on the student's academic record.	A **COURSE WITHDRAWAL** requested beginning in week 6 will be granted only in exceptional cases for circumstances **beyond the student's control** (medical reasons, military reasons, or hardship). If the Course Drop is denied the student may **appeal** the decision with the Curricular Dean of the College.[4] [5]
SEMESTER WITHDRAWAL	Student can **SEMESTER WITHDRAWAL** without prior permission. This is done in MyNIU[1]. All courses will be removed from the student's academic record.	Student needs to have their college advising office[3] process a **SEMESTER WITHDRAWAL**. A **"W" will permanently appear** on the student's academic record for all courses.	Student needs to have their college advising office[3] process a **SEMESTER WITHDRAWAL**. A **"W" will permanently appear** on the student's academic record for all courses.	A **SEMESTER WITHDRAWAL** requested beginning in week 6 will be granted only in exceptional cases for circumstances **beyond the student's control** (medical reasons, military reasons, or hardship). If the Semester Withdrawal is denied the student may **appeal** the decision to the Curricular Dean of the College.[4] [5]

[1] When the student initiates a **SEMESTER WITHDRAWAL** an information window with a checklist will pop-up in MyNIU.
[2] If the student has no college affiliation, the Academic Advising Center will need to process a **COURSE WITHDRAWAL.**
[3] If the student has no college affiliation, the Academic Advising Center will need to process a **SEMESTER WITHDRAWAL.**
[4] The Curricular Dean's decision in regards to the **APPEAL** will be final.
[5] If the Curricular Dean also serves as Advising Director in the college, the Dean shall make the final decision.
† Please see additional information below for details on **Course Withdrawal** or **Semester Withdrawal** Week 6 to Week 8.

Schedule Change Process for 4-week courses

ACTION	WEEK 1	WEEK 1	WEEK 2	WEEK 3 and Week 4 †
	Day 1, Day 2, and Day 3	**Day 4 and Day 5**		
COURSE ADD	Student can **ADD** a course without prior permission. This is done in MyNIU.	Student needs permission from the offering department to **ADD** a course.		
COURSE DROP	Student can **COURSE DROP** without prior permission. This is done in MyNIU. The course will be removed from the student's academic record.	Student needs to have their college advising office[2] process any **COURSE DROP**. The course will be removed from the student's academic record.		
COURSE WITHDRAWAL			Student needs to have their college advising office[2] process any **COURSE WITHDRAWAL**. A **"W" will permanently appear** on the student's academic record.	A **COURSE WITHDRAWAL** requested beginning in week 3 will be granted only in exceptional cases for circumstances **beyond the student's control** (medical reasons, military reasons, or hardship). If the Course Withdrawal is denied the student may **appeal** the decision with the Curricular Dean of the College.[4] [5] If granted a **"W" will permanently appear** on the student's academic record for all courses from which the student has withdrawn.
SEMESTER WITHDRAWAL	Student can **SEMESTER WITHDRAWAL** without prior permission. This is done in MyNIU[1]. All courses will be removed from the student's academic record.	Student needs to have their college advising office[3] process a **SEMESTER WITHDRAWAL**. All courses will be removed from the student's academic record.	Student needs to have their college advising office[3] process a **SEMESTER WITHDRAWAL**. A **"W" will permanently appear** on the student's academic record for all courses.	A **SEMESTER WITHDRAWAL** requested beginning in week 3 will be granted only in exceptional cases for circumstances **beyond the student's control** (medical reasons, military reasons, or hardship). If the Semester Withdrawal is denied the student may **appeal** the decision to the Curricular Dean of the College.[4] [5] If granted a **"W" will permanently appear** on the student's academic record for all courses from which the student has withdrawn.

[1] When the student initiates a **SEMESTER WITHDRAWAL** an information window with a checklist will pop-up in MyNIU.
[2] If the student has no college affiliation, the Academic Advising Center will need to process a **COURSE DROP/WITHDRAWAL.**

[3] If the student has no college affiliation, the Academic Advising Center will need to process a **SEMESTER WITHDRAWAL.**
[4] The Curricular Dean's decision in regards to the **APPEAL** will be final.
[5] If the Curricular Dean also serves as Advising Director in the college, the Dean shall make the final decision.
† Please see additional information below for details on **Course Withdrawal** or **Semester Withdrawal** Week 3 and Week 4.

Course Add

Course add refers to the process of adding a class, changing a course, or changing to a different section of the same course. For 16-week courses, students may make course add changes to their schedules during the first week of the semester through MyNIU. Course adds in week 2 require the student to request permission from the offering department. Other deadlines may apply for 14-week, summer, and dynamic (non-standard) courses. Students should refer to MyNIU for course specific deadlines.

Course Drop

Course drop refers to the process of un-enrolling from one or more courses in the first two weeks of the semester, but remaining enrolled for credit in at least one course. For 16-week courses, students may process course drops to their schedules during the first week of the semester through MyNIU. During week 2 of the semester, course drop(s) is processed by the student's college advising office or the Academic Advising Center if the student has no college affiliation. The course(s) will be removed from the student's academic record.

Course Withdrawal

Course withdrawal refers to the process of un-enrolling from one or more courses beginning the 3rd week of the semester, but remaining enrolled for credit in at least one course. Between week 3 to day 5 of week 10 a course withdrawal is processed by the student's college advising office or the Academic Advising Center if the student has no college affiliation. **A "W" will permanently appear on the student's academic record for all courses from which the student has withdrawn.**

Course withdrawal requested beginning in week 11 will be granted only in exceptional cases for circumstances **beyond the student's control** (medical reasons, military reasons, or hardship). If the course withdrawal is granted by the college office, or Academic Advising Center if the student has no college affiliation, **a "W" will permanently appear on the student's academic record for all courses from which the student has been granted a course withdrawal.** Students seeking a course withdrawal for exceptional reasons must initiate and complete the withdrawal process during the semester of enrollment in the course(s).

Semester Withdrawal

Semester withdrawal refers to the process of un-enrolling from all courses for the semester in question, regardless of when it occurs in the semester. For 16-week courses, students may process a semester withdrawal to their schedules during the first week of the semester through MyNIU. During week 2 a semester withdrawal request is processed by the student's college advising office or the Academic Advising Center if the student has no college affiliation. The course(s) will be removed from the student's academic record. Between week 3 to day 5 of week 10 a semester withdrawal is processed by the student's college advising office or the Academic Advising Center if the student has no college affiliation. **A "W" will permanently appear on the student's academic record for all courses from which the student has withdrawn.**

A semester withdrawal requested beginning in week 11 will be granted only in exceptional cases for circumstances **beyond the student's control** (medical reasons, military reasons, or hardship). If the semester withdrawal is granted by the college office, or Academic Advising Center if the student has no college affiliation, **a "W" will permanently appear on the student's academic record for all courses from which the student has withdrawn.** Students seeking a semester withdrawal for exceptional reasons must initiate and complete the withdrawal process during the semester of enrollment in the course(s). Additional information regarding semester withdrawal for exceptional reasons can be found at www.niu.edu/academicaffairs/withdrawals.

Course Withdrawal or Semester Withdrawal Exceptional Circumstances

A course withdrawal or semester withdrawal requested between week 11 to day 5 of week 15 will be granted only in exceptional cases for circumstances **beyond the student's control** (medical reasons, military reasons, or hardship). Request for course withdrawal or semester withdrawal will be processed by the student's major college office or the Academic Advising Center if the student has no college affiliation. If the course withdrawal or semester withdrawal is granted by the college office **a "W" will permanently appear on the student's academic record for all courses from which the student has withdrawn.**

If the advising office (or Academic Advising Center if the student has no college affiliation) denies the course withdrawal or semester withdrawal, the student will receive the grade(s) assigned by the course instructor.

Appeal Process

The student may appeal a denial of a course withdrawal or semester withdrawal to the Curricular Dean of the student's major college, or to the Office of the Vice Provost for Undergraduate Studies if the student has no college affiliation. If the Curricular Dean also serves as Advising Director in the college, the Dean shall make the final decision.

Additional information regarding withdrawals for exceptional reasons can be found at www.niu.edu/withdrawals/index.shtml.

Students seeking to course withdrawal or semester withdrawal for exceptional reasons must initiate and complete the withdrawal process during the semester of enrollment.

Administrative Removal from Courses for Violation of Student Conduct

In each case for which an Administrative Hearing Officer, a Student Conduct Board, Residence Hall Conduct Board, or Organizational Conduct Board determines that a student has violated the Student Code of Conduct, the sanction(s) shall be determined and imposed by the appropriate Administrative Hearing Officer or Conduct Board. A student who has received a sanction of either University Suspension or University Expulsion retains the right to appeal the University Suspension or University Expulsion. If the student chooses not to appeal within five (5) business days of being notified of the sanction, they will be withdrawn from all enrolled courses immediately. If the sanction is upheld upon appeal, the student will be withdrawn from all enrolled courses effective the date of the initial sanction. If the sanction is overturned upon appeal, reasonable attempts will be made by faculty members to allow the student to make up missed work. The student should consult with the major college advising office, or the Academic Advising Center if the student has no college affiliation, regarding any future enrollment.

Students who are administratively removed from courses for violation of student conduct will be assigned a grade of W (Withdrawal) for all in-progress courses by the Office of Registration and Records.

Refer to the chart and detailed procedures in the Schedule Changes section above for additional information regarding deadlines for semester withdraw. Other deadlines may apply for 14-week, summer, and dynamic (non-standard) courses. Refer to MyNIU for course specific deadlines.

Grading System

Grades

Grades assigned in each undergraduate course are intended to reflect achievement relative to a defined level of competence. Faculty members are expected during the first week of a semester to indicate clearly the requirements in a course and the level of competence to be associated with each of the possible letter grades. Multisection courses are expected to require similar levels of competence in all sections. Department and college curriculum committees shall be responsible for implementing these policies.

Credit is expressed in semester hours. One semester hour usually means pursuit of a subject for one 50-minute period per week for a 15-week semester. A student accumulates grade points based on the grades earned. The symbols, their meaning or level of competence indicated, and their grade point values are as follows.

	Meaning	*Points Per Hour*
A	Outstanding competence	4.00
A-		3.67
B+		3.33
B	Above satisfactory competence	3.00
B-		2.67
C+		2.33
C	Satisfactory level of competence	2.00
D	Marginally satisfactory competence	1
F	Unsatisfactory level of competence	0
I	Incomplete	-
W	Passing at the time of course withdrawal or semester withdrawal	-
S	Satisfactory	-
U	Unsatisfactory	-
O	Audit; no grade and no credit	-
OW	Audit; requirements not completed	-
CR	Proficiency credit	-

A, A-, B+, B, B-, C+, C, D, and S are recorded for credit courses for which the student has been given a passing mark. The grading symbol CR indicates that proficiency credit has been received for the course, and that course is not included in the student's GPA.

An F or U is recorded when a student fails to earn a passing grade in a course; a student drops a course without official notice; a student drops a course with official permission after deadline but is not doing passing work at the time; or a student is not doing passing work at the time of semester withdrawal.

Grade Point Average (GPA)

The grade point system is used to determine academic standing and to award honors. To compute the GPA, the total number of grade points earned is divided by the total number of GPA hours attempted at NIU (those for which grades of A, A-, B+, B, B-, C+, C, D, or F are recorded), as in the following examples.

Examples of GPA calculation for grades earned under the plus/minus grading option.

Example #1.

	Course Credit	*Grade*	*Grade Points/Credit*	*Total Grade Points*
	3	A	4.00	(3 x 4.00) 12.00
	3	A-	3.67	(3 x 3.67) 11.01
	3	B+	3.33	(3 x 3.33) 9.99
	4	B+	3.33	(4 x 3.33) 13.32
	3	B	3.00	(3 x 3.00) 9.00
Totals	**16**			**55.32**
Term GPA				**(55.32/16) 3.458**

Example #2.

	Course Credit	*Grade*	*Grade Points/Credit*	*Total Grade Points*
	3	A-	3.67	(3 x 3.67) 11.01
	3	B+	3.33	(3 x 3.33) 9.99
	4	B-	2.67	(4 x 2.67) 10.68
	3	C+	2.33	(3 x 2.33) 6.99
	4	C	2.00	(4 x 2.00) 8.00
Totals	**17**			**46.67**
Term GPA				**(46.67/17) 2.745**

Cumulative GPA. Calculation of cumulative GPA combines grade points earned in each course over all terms is as follows:

	Course Credit	*Total Grade Points*
Term 1	16	55.32
Term 2	17	46.67
Totals	**33**	**101.99**
Cumulative GPA		(101.99/33) **3.091**

It should be noted that minimum GPA requirements are interpreted exactly, without rounding.

S/U Grading

In those courses in which the S/U grading basis is applicable, the use of S and U will apply to all students registered in any class section in which the S/U grading basis is employed. Individual students may not elect S and U grading. Educator licensure requirements are deemed to be met only by obtaining a grade of C or better in courses using traditional A, A-, B+, B, B-, C+, C, D, F grading or an S in those professional or clinical courses in which S/U grading is used. An S is the equivalent to a C or better and a U is equivalent to a D or lower in educator licensure courses using S/U grading.

Incompletes

A grade of I (incomplete) is assigned at the discretion of the instructor, when illness, death in the immediate family, or other unusual and unforeseeable circumstances not encountered by the other students in the class prevent completion of the course requirements by the end of the semester. Under these circumstances, a grade of I (incomplete) may be assigned when a student is unable to complete the course requirements but only when it is possible that the completion of the remaining work could result in a passing grade.

An I (incomplete) grade received during the fall semester, the spring semester, or the summer session must be cleared no later than 120 calendar days from the end of the term in which the student received the grade. The faculty has the discretion to set a deadline within the 120 days or grant an extension up to a maximum of one year.

All incompletes, whether extended or not, must be cleared within a year of when the grade was assigned. All incompletes must be cleared before a degree will be awarded.

An I (incomplete) must be resolved within the appropriate time limit or it will automatically be changed to an F. The student is responsible for seeing that incompletes are made up before the expiration date.

Before grades are posted, an instructor who assigns a grade of I (incomplete) will provide the chair of the department with a written statement of the remaining work to be completed to remove the incomplete. Upon request, the student may obtain a copy of that statement from either the instructor or the department chair.

Grade Appeals

The university has a formal procedure under which a student can appeal an allegedly capricious grade only. This is not for the review or the judgement of an instructor in assessing the quality of a student's work. The policy for appealing allegedly capricious grades can be found at https://www.niu.edu/academicaffairs/appm/III7.shtml. For further information and advice regarding the procedure for appealing an allegedly capricious grade, please contact the University Ombudsperson at https://www.niu.edu/ombuds/.

Repeating a Course

The policy outlined here pertains only to courses taken at and repeated at NIU. Repeating a course taken at another college or university is governed by the policy on repeated courses in the section on transfer credit. The opportunity to repeat a course under this policy will end with the awarding of a

degree. The NIU transcript will reflect the GPA as specified in the following policy. However, students should be cautioned that some limited admissions programs recognize all attempts for admission purposes and that when students apply to professional schools and/or graduate schools, all attempts at courses could be considered in that application process. For repeated courses from other institutions, see the section "Repeated Courses in Transfer" below.

A student may repeat any course once in which a grade of D or F was received. Third or subsequent enrollments (repeats) in a course may be allowed only if students first obtain permission from their major college or Academic Advising Center for students with no college affiliation, then subsequently obtain permission from the department offering the course. The highest grade which the student earns will be used in the GPA calculation, but both all grades will always appear on the student's official transcript. In all cases, the permanent record of a student repeating a course will reflect each enrollment in the course. (A course drop does not count as a repeat.) Credit may be earned only once unless the course description in the catalog states otherwise.

A student may not repeat a course taken at NIU in which a grade of C or better was earned, unless the contrary is stated in the catalog description of the course.

Change of Grade

Final grades, once posted in MyNIU, cannot be changed without a written request and explanation, for the change of grade, from the instructor and approval by the department chair, school director, associate dean, program director, or center director as determined by the academic organization the course is housed under. **All grade changes proposed for academically dismissed students must be submitted to the college office.**

Freshman Warning, Academic Probation and Dismissal

First-semester freshmen at NIU who earn a cumulative GPA of 1.60 to 1.99 for all work completed at NIU will be placed on freshman warning. A student who does not earn a minimum cumulative 2.00 GPA by the end of their second term at NIU will be placed on academic probation. First-semester freshmen whose GPA falls below 1.60 for all work attempted at NIU will be placed on probation and all other undergraduate students failing to maintain a minimum cumulative GPA of 2.00 for all work attempted at NIU will also be placed on probation. Students placed on freshman warning or probation are required to schedule an appointment with the dean (or the dean's delegate) of their major college to discuss their academic status. Students placed on freshman warning or probation who have no college affiliation are required to schedule an appointment with the Academic Advising Center.

Students on academic probation, must attain a 2.00 cumulative NIU GPA by the end of next their next term of enrollment. Students who do not attain the cumulative NIU GPA of a 2.00 by the end of the next term of enrollment will become candidates for academic dismissal.

Students failing all of the courses for which they are registered for a single semester, including summer session, will become candidates for academic dismissal from the university.

The academic record of each candidate for dismissal will be reviewed by the dean of the student's major college (or the dean's delegate). The dean (or the dean's delegate) may elect to retain on academic probation some students who are candidates for academic dismissal. The Vice Provost (or the Vice Provost's delegate) will review the academic record of those candidates for dismissal who have no college affiliation. All students not retained on academic probation will be academically dismissed from the university.

Students retained on academic probation must raise their cumulative GPA in NIU courses to at least 2.00 by the end of the next term. Those failing to do so will again become candidates for academic dismissal from the university and their records will be reviewed as described above. Additional retention on academic probation will be granted only in exceptional cases.

Students re-entering on final probation (see "Reinstatement") who fail to attain a new cumulative GPA of 2.00 or higher will be dismissed.

After a student has earned 90 or more semester hours (including NIU courses and all transfer credit), they must have attained a cumulative GPA in NIU courses of at least 2.00 if the student was ever previously continued on academic probation or reentered with a baccalaureate-oriented associate degree from an Illinois public community college earned after leaving NIU. Students who fail to maintain a cumulative 2.00 or higher GPA will be academically dismissed. Additional retention on academic probation will be granted only in exceptional cases.

Students who have been academically dismissed from the university may not enroll again at NIU unless reinstated to the university through the procedure described in the section on "Reinstatement" or "Reentrance of Community College Graduates."

Credit by Examination

NIU provides a variety of opportunities for students to obtain college credit by examination. Credit may be awarded through the Advanced Placement (AP) Program, the College-Level Examination Program (CLEP), the Defense Activities for Non-Traditional Educational Support program (DANTES), International Baccalaureate (IB), Standards-Based Measurement of Proficiency (STAMP) for language proficiency, the Illinois Seal of Biliteracy, and other NIU proficiency examinations.

Advanced Placement

The Advanced Placement (AP) Program is a series of national examinations that measures the knowledge and skills acquired by students who have taken AP courses. The courses and examinations are administered by high schools and the resulting examination scores are sent to colleges of the

students' choice. Students with sufficiently high scores on AP examinations may be eligible for specific course credit. Specific course credit awarded on the basis of AP is subject to the provisions specified below under "General Provisions."

Participants applying for NIU admission should arrange to have their AP examination records sent to the NIU Office of Testing Services, Campus Life Building 120, 815-753-1203. Information on the required scores and specific course credit awarded can be accessed on the Internet at www.niu.edu/testing.

College-Level Examination Program and Defense Activities for Non-Traditional Educational Support

NIU recognizes that some students have acquired proficiency in college-level material outside of the traditional college classroom. The College-Level Examination Program (CLEP) and Defense Activities for Non-Traditional Educational Support (DANTES) provide these students with the opportunity to demonstrate their college-level learning through examinations that assess the knowledge taught in common college courses.

NIU awards credit for satisfactory performance for four of the five CLEP general examinations and for several of the CLEP and DANTES subject area examinations. Credit awarded on the basis of three of the CLEP general examinations-Humanities, Natural Sciences, and Social Sciences and History-is not course-specific but applies toward NIU's general education requirements. A total of 19 semester hours of credit toward NIU's general education requirements is available through the CLEP general examinations. This credit will be superseded by general education credit awarded on the basis of transfer or other credit by examination, as well as by credit already earned through NIU course work; such credit may reduce the CLEP general education credit for which the student qualifies. Specific course credit awarded on the basis of CLEP and DANTES subject area examinations is subject to the provisions specified below under "General Provisions."

Official CLEP and DANTES score reports should be sent to the NIU Office of Testing Services, Campus Life Building 120, 815-753-1203. For information on the examinations, required scores, and specific course credit awarded visit www.niu.edu/testing.

International Baccalaureate (IB)

The International Baccalaureate (IB) Program, offers a series of rigorous, two-year high school courses leading to internationally prepared examinations at the conclusion of the program. Students with sufficiently high scores on certain IB examinations may be eligible for NIU course credit. Go to IB Program Examinations for more specific course information.

Standards-Based Measurement of Proficiency

The Standards-Based Measurement of Proficiency (STAMP) test administered by the Department of World Languages and Cultures assesses fluency (speaking, reading, writing and listening) in a variety of languages other than English. Up to 12 semester hours may be earned by students who are assessed at "Advanced Low Level" on the STAMP test. If fewer than 12 semester hours were earned through an Advanced Placement (AP) test, the STAMP test may be taken to attempt to increase the combined semester hour total (AP and STAMP) for one language to 12 semester hours. Complete lists of languages assessed by STAMP or information regarding STAMP test schedules can be obtained by contacting the Department of World Languages and Cultures at 815-753-1501 or via the Internet at www.niu.edu/celebrate-bilingualism. Visit www.niu.edu/testing for more specific information.

The State Seal of Biliteracy

NIU accepts the State Seal of Biliteracy. Students must request course credit for their seal within three academic years after graduating from high school. Contact the Department of World Languages and Cultures, Watson Hall 111, 815-753-1501, for information.

NIU Proficiency Examinations

Credit for all 100- and 200-level general education courses except COMS 100, ENGL 103, ENGL 203, and MATH 101 may be earned through proficiency examinations administered through academic departments. These examinations are designed for students who have acquired proficiency in college-level material outside of the traditional college classroom.

All departments are encouraged to use standardized examinations or provide specially constructed departmental examinations for granting credit to students who demonstrate college-level learning. In such areas as art and music, creative works and professional experience might be used as evidence for granting credit. Students who want to receive credit on these bases should consult the appropriate department.

A student's eligibility to attempt locally administered examinations or to submit external examination scores for credit consideration is determined by the department or coordinating committee under whose direction the credit may be granted.

Normally, a student may attempt to gain proficiency credit for a particular course only once. When more than one form of the examination is available, the student may, at the discretion of the appropriate department chair or other responsible authority, be allowed to attempt the second form of the examination.

General Provisions

Eligibility for credit by examination is subject to restrictions. Students must be enrolled at NIU to receive credit by examination. All credit by examination awarded by NIU will be posted to the student's record with the symbol CR. No specific grade is attached to this credit; however, credit by examination will meet any requirement for a grade or "C" or better in the course for which credit has been awarded.

Credit by examination will not be awarded for courses in which NIU credit has already been granted or for courses which substantially overlap or are prerequisites to courses in which a student is enrolled or are prerequisites to courses for which credit has already been granted. Credit may already have been granted on the basis of transfer, other credit by examination, or courses taken at NIU. Exceptions to these restrictions could occur in cases in which a student passed a credit-by-examination test prior to credit being granted in (or the student enrolling in) a course that would normally render the student ineligible for credit by examination. For example, a student enrolled in MATH 230 could be eligible to receive credit for MATH 229 based on an AP examination taken the previous May.

Credit for ENGL 103 and ENGL 203 may be earned through Advanced Placement, but not through the Writing Foundational Studies Examination. Passing a foundational studies examination fulfills the foundational studies requirement but does not result in the awarding of NIU course credit.

Credit by examination awarded by another institution is subject to provisions specified under "Transfer Credit." The number of semester hours that a student may be eligible to earn through credit by examination is limited by the number of examinations the student is allowed to take.

Transfer Credit

For students earning an A.A. or A.S., or A.A.T. degree in early childhood, secondary math, or special education from an Illinois public community college, Northern Illinois University is a participant in the Illinois Articulation Initiative (IAI), a statewide agreement that allows transfer of the completed Illinois transferable General Education Core Curriculum (GECC) between participating institutions. Successful completion of the GECC at any participating college or university in Illinois assures 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.

NIU also participates in the IAI Baccalaureate Majors' Curriculum (iTransfer Majors). NIU departments have identified certain iTransfer Majors courses that if taken at IAI participating institutions will transfer as specific NIU courses for students in the identified majors.

See an academic adviser for additional information and/or read about the IAI at www.iTransfer.org. Also see "Illinois Articulation Initiative Core Curriculum."

General Provisions

Northern Illinois University accepts credit in transfer from any regionally accredited institution of higher education, with credit from all accredited two- and four-year institutions subject to the following provisions.

NIU does not accept credit for intermediate algebra courses. Some other transfer credit may be used to fulfill NIU's general education requirements or may be applied as elective credit.

NIU will accept completed transfer work with a grade of D. Be advised that a grade of C or better is necessary to meet the requirements for many foundational studies courses, prerequisite courses, majors, minors and certificates.

If students attend schools on the quarter-hour system, they can convert those hours to semester hours by multiplying quarter hours by 2/3 (i.e., 45 quarter hours equals 30 semester hours).

Credit awarded at another institution through credit by examination may transfer to NIU if the student completed at least 12 semester hours of transferable credit through regular classroom work at that institution; official test score reports are not required for such credit to be considered. Students with fewer than 12 semester hours of transferable credit through regular classroom work at another institution may wish to have their examination scores evaluated by arranging to have official score reports submitted to NIU's Office of Testing Services.

Upper-division credit will be granted for transfer courses if the course is equivalent to an NIU course at the 300 or 400 (junior or senior) level or if the course is a junior- or senior-level course at the previous school (if it is a four-year institution). Courses from community colleges which substitute for 300- or 400-level courses at NIU may or may not be awarded upper-division credit. This decision is made by academic departments at NIU.

Continuing and reentering students intending to transfer credit to NIU after they have earned 90 semester credit hours or who will exceed 90 semester credit hours upon transfer of that credit must obtain prior approval from their major college at NIU before enrolling in the course(s) which they intend to transfer.

Military Educational Experience Credit

Credit for military educational experience may be granted based on recommendations found in *A Guide to the Evaluation of Educational Experience in the Armed Services*. Credit will be awarded at the level recommended by the American Council on Education (ACE). At a minimum, credit will be awarded as elective, although certain courses may be accepted as satisfying major departmental elective or required courses based on the evaluation by and recommendation of the academic unit. Students seeking credit must submit an official transcript from the ACE Transcript Service to NIU.

Students with a minimum of one year of active duty in and an honorable discharge from the U.S. Armed Services will receive 4 semester hours of general university elective credit provided they submit a copy of their DD214 to NIU's Office of Registration and Records.

See also the Credit by Examination Section of this catalog for academic regulations regarding college credit earned through

CLEP (College Level Examination Program) and Defense Activities for Non-Traditional Educational Support (DANTES).

Credit from Community Colleges

Students from Illinois public community colleges should check with their community college counselor about credit transfer to NIU. Illinois public community college counselors have access to the NIU Articulation Tables, on the Transfer Center web page: www.niu.edu/admissions/transfer/credits.shtml. The NIU Articulation Tables give detailed information on credit transfer policies as they apply to Illinois public community college transfer students. Students transferring from private or out-of-state community colleges should direct their questions regarding transfer credit to the Office of Registration and Records, 815-753-0681, regrec@niu.edu.

Credit from community colleges is subject to these additional restrictions.

> The courses must be baccalaureate-oriented, that is, directed toward an academic rather than an occupational/technical program. Courses which are normally vocational or remedial are not accepted for transfer. (But certain NIU departments may make exceptions.)
>
> Students may transfer up to 66 academic semester hours plus 4 semester hours of physical education activity courses. Credit hours in excess of 66 will be displayed on the student's transcript; however, in all cases, the student will be required to complete at least 54 semester hours from the following sources: NIU credit, credit from other 4-year schools, proficiency credit, and up to 8 semester hours of physical education activity credit of which up to 4 physical education activity credit hours may be earned at community colleges.
>
> Illinois community college A.A. or A.S. graduates, or A.A.T. graduates in early childhood, secondary math, or special education, may be eligible for certain exceptions to transfer credit policies. Students can discuss these with their community college counselor or with a staff member in the NIU Office of Admissions. See " Illinois Public Community College Graduates."

The following students may be required to take additional general education courses and should consult an academic adviser:

> Students seeking educator licensure.
> Students majoring in a department in the College of Engineering and Engineering Technology.

Reverse Transfer Credit Policy

Reverse Transfer is a program designed for students who transferred from any Illinois community college to NIU without earning their associate's degree. Credits successfully completed at NIU may be transferred back to the community college and used to fulfill remaining requirements for their associate's degree. The community college will evaluate the NIU work and determine if credits taken at NIU will fulfill any remaining requirements. NIU currently has an agreement with the following community colleges, however an agreement is not necessary for the reverse transfer credit policy to apply. A student who has attended any Illinois community college is eligible to take advantage of this policy.

- City Colleges of Chicago
- College of DuPage
- College of Lake County
- Elgin Community College
- Harper College
- Heartland Community College
- Highland Community College
- Illinois Valley Community College
- Joliet Junior College
- Kankakee Community College
- Kishwaukee College
- McHenry County College
- Moraine Valley Community College
- Morton College
- Oakton Community College
- Rock Valley College
- Sauk Valley Community College
- South Suburban College
- Triton College
- Waubonsee Community College

Effective December 2019, the JOINT RULES OF THE BOARD OF HIGHER EDUCATION AND ILLINOIS COMMUNITY COLLEGE BOARD: RULES ON REVERSE TRANSFER OF CREDIT establishes these types of agreements with ALL community colleges in the state of Illinois. This process will be in compliance with (110 ILCS 150/) Student Transfer Achievement Reform Act.

Q: Why an associate's degree?

A: An associate's degree is an important milestone in your education as well as a valuable credential to have on your resume. Employers value the associate's degree as evidence of your commitment to expanding your knowledge and achieving your educational goals. The associate's degree can make a difference in your long-term success in several ways:

• It can open the door to better job opportunities, even while you're still working on your bachelor's degree.
• It is the nation's fastest growing academic credential and employers recognize its value when recruiting and hiring.

If you transferred to Northern Illinois University from a community college without completing all the requirements for your associate's degree it maybe possible to complete the credits you need using Northern Illinois University courses by reverse transferring your NIU credits to your community college.

Q: Who is eligible for Reverse Transfer?

A: The reverse transfer of credit option is available to any student who is currently enrolled at Northern Illinois University and:

1) Has earned at least 15 hours of transferable coursework at any Illinois community college.

2) Has earned a cumulative total of at least 60 transferrable credit hours, between the Illinois community college and NIU; while satisfying the course requirements necessary to be awarded an associate's degree at the Illinois community college.

3) Has submitted a completed Reverse Transfer Application to the office of Registration and Records at NIU.

Q: How do individuals participate in Reverse Transfer?

A: All individuals wishing to participate in Reverse Transfer are required to complete a reverse transfer to the program. By doing so, the individual agrees to the exchange of transcript information between Northern Illinois University and the Illinois community college the student is declaring for the awarding of their associate's degree. If you are interested in participating in this initiative or have any additional questions, please contact regrec@niu.edu.

N Grade

If it appears from the sending college's transcript key or catalog that an N (no credit) grading symbol may be equated with academic failure of a course (i.e., no other symbol is provided indicating failure or the N may encompass an F along with other attendance and grading symbols), it will be counted as an F and used in calculating the GPA for determining admission eligibility. The same interpretation will be applied for any other symbol which is used by a college in a similar manner.

Repeated Courses in Transfer

In those situations where a student has repeated a course for which a grade below a C was previously earned, only the highest grade will be utilized for transfer credit. Once a student earns a grade of C or better in a course, subsequent attempts will not count for transfer credit unless the transfer course is repeatable for credit as stated in that institution's course catalog.

The evaluation of transfer credit will give the student the benefit of the doubt in identifying repeated courses. Courses will be identified as repeats only if they fall into one of the following categories.

> The same course (by title or number, or both) has been taken twice at the same institution.
> A course for which a student has been granted transfer credit is later taken at NIU. (See "Forfeiture of Credit.")
> Two courses, taken at two different institutions besides NIU, are obviously identical. If a credit evaluator designates two such courses as repeats, and the student disputes the ruling, the student is responsible for providing evidence that the courses were different in content. The chair of the appropriate NIU department or a designated representative will be the final judge in any disputed cases.

When a grade of D is earned in a course taken at NIU, an equivalent course taken at another institution cannot be transferred to NIU for credit because previous credit has been earned at NIU.

Forfeiture of Credit

A student may repeat at NIU a course for which credit was earned at another institution. However, doing so causes the student to forfeit any transfer credit granted for the equivalent or substitute course taken at another college or university, even if a higher grade was earned for the transfer course.

For any course in which a student's transcript indicates that the same or a substantially similar course has been taken at both NIU and another institution, regardless of the order in which they were taken, the NIU grade shall be the one counted toward the student's NIU grade point average. Moreover, in no case will the same or a substantially similar course for which credit has been received both at NIU and at another institution be counted twice toward the fulfillment of any requirement. In any case in which a student has taken a course at one institution and retaken it at that institution or another before transferring to NIU, the latest grade will be the one counted.

If a student is transferring to NIU with an A.A. or A.S. degree, or an A.A.T. degree in early childhood, secondary math, or special education, from an Illinois public community college, courses which were repeated at and accepted by the degree-granting college toward the degree also will transfer to NIU.

Similarly, an individual who earns a grade of D in a course equivalent to NIU's COMS 100 and repeats the course, receiving a grade of C or better, will have satisfied the relevant requirement for educator licensure under NIU's entitlement program. The student will not, however, earn additional credit hours.

Military Science Courses

Credit from another school in military science will be accepted in transfer to a maximum of 8 semester hours, as elective credit.

Religion Courses

Religion courses will be accepted in transfer to a maximum of 10 semester hours, as elective credit. Additional credit may be transferred for courses which are evaluated as acceptable substitutes.

Concurrent Enrollment

Any student seeking an NIU degree, even if taking less than the amount of NIU course work specified below, is strongly

urged to obtain prior approval before enrolling concurrently at NIU and another institution. This procedure will assure that courses taken elsewhere will properly fit the student's NIU degree program.

A student who is an enrolled NIU student (enrollment not interrupted by more than one year) who earns a baccalaureate-oriented A.A., A.S., or approved A.A.T. degree from an Illinois public community college, will have satisfied NIU's general education requirements upon receipt of the official transcript with the degree posted. The student must meet the terms of concurrent enrollment, if applicable, and meet NIU's residency requirements for graduation.

A student will be considered "concurrently enrolled" if enrolled both at NIU and at another institution and if any course taken at the other institution is in session at any time during the NIU semester or summer session in question.

Students taking more than two NIU courses in a semester (more than one in a summer session) must obtain prior approval from the dean of their major college, or the Vice Provost, if the student has no college affiliation, for any concurrent enrollment. A student not complying with this requirement may not receive transfer credit for work undertaken at another institution.

Other Academic Policies

Classification of Students

Undergraduate students are classified as follows.
Freshmen-Less than 30 semester hours of credit
Sophomores-30 or more semester hours, but less than 60
Juniors-60 or more semester hours, but less than 90
Seniors-90 or more semester hours

Scholastic Load

The normal class load for undergraduate students is from 14 to 18 semester hours each semester. Students in their first semester of residence at the university may not carry more than 18 semester hours of work.

For the summer session, a normal class load is 9 semester hours for the entire summer session or 4 semester hours in either the first or last half session. Noncredit courses and audit courses are not considered a part of the class load for undergraduates.

Students who have established commendable scholastic records in the university (ordinarily at least a cumulative 3.00 GPA) may petition to take up to 21 semester hours of work during the semester and up to 12 semester hours in the summer. Petitions for overloads can be obtained at the student's major college office.

Course Selection

This catalog contains a description of each undergraduate course offered at NIU. Restrictions, if any, on the use of a specific course for fulfilling a requirement in a student's program are included in the course description. Other conditions governing a student's enrollment in a course are stated in the prerequisites or corequisites of the course.

Many courses are listed with prerequisites. This reflects the view of the faculty that successful completion of the course requires certain background material contained in the prerequisite course. Instructors assume knowledge of the content of the prerequisite course; students who fail to meet the prerequisite will be at a serious disadvantage.

Courses designated as corequisites for a given course must be taken simultaneously unless previously completed. Prerequisites to, or corequisites with, a given course can be met through equivalencies. Questions concerning equivalencies should be addressed to the chair of the department offering the course which lists the prerequisites or corequisites.

Students are eligible to enroll in any courses for which they have the proper prerequisites. Normally, however, freshmen begin their studies in lower-division courses (those numbered 100 to 299).

Undergraduates in Graduate Courses for Undergraduate Credit

Undergraduate students at NIU may complete a maximum of 6 semester hours of 500-, 600-, or 700-level course work for undergraduate credit, if they have completed 90 semester hours of credit towards their baccalaureate degree with a GPA of at least 3.00 or have previously completed a baccalaureate degree. The credit will be applied towards their baccalaureate degree requirements in the same way as any other 400-level undergraduate credit course. They must also obtain, in advance, written approval from the instructor and from the office of the dean of the Graduate School to enroll in the course for undergraduate credit. In addition, for a 600- or 700-level course, the approval of the department offering the course is required. Exceptions to these limitations may be granted to students to take courses in the department administering an accelerated degree program.

Undergraduates in Courses for Graduate Credit

Seniors in their final semester at NIU who want to take courses for graduate credit (any 500-, 600-, or 700-level courses) must apply for and receive early admission to the Graduate School, which requires the same documents and approvals as regular admission. No student may enroll more than one term under early admission status. (See "Early Admission of NIU Undergraduates to the Graduate School.) Exceptions to these limitations may be granted to students to take courses in the department administering an accelerated degree program.

Undergraduates in Law Courses

Undergraduates who have matriculated in the College of Law pursuant to an approved accelerated program may receive undergraduate credit for up to 30 hours of academic credit

towards their baccalaureate degrees for courses taken in the College of Law as provided by the applicable accelerated program. Law courses may not be counted for credit towards a baccalaureate degree except as so provided. Under no circumstances may more than 30 hours of law courses be applied towards their baccalaureate degrees.

Graduate Students in Undergraduate Courses

Graduate students and students-at-large may enroll in undergraduate courses. Students admitted with undergraduate deficiencies are encouraged to remove these deficiencies at the earliest possible date in their course of study. Tuition for such classes is charged at the same rate as for graduate-level classes.

While undergraduate course grades are not included in the GPA, they are a part of the permanent record of the graduate student or student-at-large and appear on the transcript. However, no quality points are assigned to the course. Consequently, graduate students, who plan to pursue licensing or certification by external bodies, should carefully consider the ramifications of completing undergraduate courses to fulfill requirements.

Undergraduate hours are included in the calculation of academic load by the university but not by the Department of Education, which establishes regulations for award of federal financial aid. Graduate students and students-at-large, therefore, should understand the potential ramifications on their financial aid before enrolling in undergraduate classes. For graduate students and students-at-large the deadlines and other conditions of enrolling in, dropping, or withdrawing from an undergraduate class are the same as those pertaining to a graduate class, as they are determined by the student's level, not the class level.

Internships and Practicums

A number of departments offer internship and practicum programs designed to provide the student with practical experience in a given field. These programs, which may be located on or off campus, are available only to students who have complied with specific departmental requirements. Detailed information on such matters as admission, performance, dismissal, and appeal should be obtained from the departments offering internship and practicum experience.

A student enrolled in a practicum or internship or otherwise obtaining academic credit through work or placement at an outside agency may be subject to the rules, regulations, and policies of that agency as well as those of the university.

Auditing Courses

With the permission of the instructor, students wishing to attend a course without completing all the requirements for credit may register to audit the course. A student enrolled as an auditor receives no credit in the course audited, but will have the audit recorded on the transcript if requirements determined in advance, in writing, between the student and the course instructor are satisfied. In order to audit a course the student must

- be eligible to enroll in the university;
- obtain the permission of the instructor of the course, and, if the audit is to be recorded on the transcript, determine from the instructor what attendance or other requirements must be met. (If these requirements are not met, OW rather than O will be recorded for this course on the transcript. See "Grading System.");
- register in the usual way; and
- pay the tuition which would be required if the course were being taken for credit.

An audited course is not considered part of the class load for undergraduate students. Registration in a course cannot be changed from audit to credit or credit to audit after the 15th calendar day of the semester. An audited course may be taken for credit in a later semester.

Attendance

Students are expected to attend all their classes throughout the term/semester. Each instructor decides whether to excuse class absences and determines if/how to permit make-up work.

If a student will be absent from classes for a week or more because of an accident, illness, or other emergency, instructors will be notified of the absence only if students or their parents request it through the Division of Student Affairs. Health Services will not release information about students unless they provide a written request.

Leaves of absence will be granted for volunteer services related to disaster relief in accordance with applicable Illinois statutes or executive orders issued by the State of Illinois in response to emergency situations. A leave of absence will be granted for temporary military duty to any student who is a member of the Illinois National Guard, the Illinois Naval Militia, or the reserve components of the Armed Forces called for Limited Training and/or Emergency Call-Up. Military leaves of absence will be granted in accordance with applicable Illinois statutes and executive orders issued by the State of Illinois in response to emergency situations and military operations. To initiate a leave of absence, students should contact their College Dean's office, or the Academic Advising Center for any student who has no college affiliation. Following the period of volunteer service, the Office of Registration and Records will facilitate reenrollment of the student.

Students are expected to comply with each individual instructor's established attendance policy. It is recommended that students avoid registering for classes in which they would amass significant absences. In the case of an absence due to required military duties, or required attendance at a university-sponsored event such as a department trip, performing arts activity, ROTC function, or athletic competition, reasonable attempts shall be made by faculty members to allow the student to make up missed work. If an

accommodation that is satisfactory to both the student and the faculty member that allows the student to make up missed work cannot be agreed upon, the student may appeal to the department chair. If a satisfactory resolution cannot be reached between the student and the chair, the student may appeal to the college dean, whose decision will be final. Students are responsible for completing the work assigned and/or due on the days they are absent for military or university-sponsored events. The student should inform the faculty member as soon as possible in the semester in order for arrangements to be made for completing missed assignments, examinations or other required course work. The student is required to provide each instructor with an official notification in advance of the absence (e.g., a letter from the chair of the sponsoring department, the head of the sponsoring unit, or the coach).

Accommodations and Access for Students with Disabilities

Students with disabilities are encouraged to contact the Disability Resource Center (DRC) early in their NIU experience. The DRC works with students and faculty to make curricular and campus experiences accessible and helps determine reasonable and appropriate accommodations for courses, programs and activities. Through an interactive process with the student and an access consultant, the following will be determined: 1) required documentation of disability; and 2) appropriate accommodations. After students register with the DRC, they may contact faculty and share the Letter of Accommodation (LOA), which endorses approved accommodations. The DRC staff can provide guidance to faculty, when needed, about how to implement accommodations. Students who make requests for accommodations must follow DRC policies and procedures, in addition to university policies and procedures.

A wide range of services, based on the individual student situation, can be explored. These may include curricular and cocurricular activities, such as housing, accommodated testing, alternate format of instructional materials, and local transportation. To make an appointment with the DRC, located on the 4th floor of the Health Services Building, call the main office at 815-753-1303.

Religious Observances

Northern Illinois University complies with the University Religious Observances Act (110 ILCS 110/). Details of the Act are available here.

Northern Illinois University as a public institution of higher education in the State of Illinois does not observe religious holidays. It is the university's policy, however, to reasonably accommodate the religious observances of individual students in regards to admissions, class attendance, scheduling examinations and work requirements.

Such policies shall be made known to faculty and students. Religious observance includes all aspects of religious observance and practice as well as belief. Absence from classes or examinations for religious observance does not relieve students from responsibility for any part of the course work required during the period of absence.

To request accommodation, students who expect to miss classes, examinations or other assignments as a consequence of their religious observance shall provide instructors with reasonable notice of the date or dates they will be absent. Students who believe they have been denied a reasonable accommodation should contact the person identified by the department to hear such complaints, usually the department chair. If the issue is not resolved at the department level, students may proceed to the office of the dean of that college and if it is still unresolved, to the Office of the Provost. Additionally students may contact the ombudsperson for advice.

Academic Records and Encumbrances

The Office of Registration and Records will issue transcripts (copies of NIU permanent academic records) upon request to students and former students who do not have any holds on their academic record. A fee of $8.00 is charged for each transcript. Visit https://niu.edu/registration-records/transcripts/index.shtml for additional transcript options.

A record hold is a restriction placed on a student's official academic record. Academic records may be placed on hold due to under a number of circumstances, examples of which are past-due monetary obligation to the university (such as unpaid tuition, fees, fines, or residence hall charges); incomplete admission requirements (such as missing transcripts, ACT or SAT scores, etc.); and a disciplinary action by the university or the student judiciary.

Students may not be allowed to register or to have transcripts or diplomas issued after the hold has been placed on their academic record. Students who have had a hold placed on their record may direct inquiries to the office that placed the hold. Only the office that placed the hold may authorize its removal. For immediate release of monetary hold, all past-due obligations to the university must be paid for with a cashier's check, certified check, or money order.

See also "Student Information and Records."

Academic Integrity

Good academic work must be based on honesty. The attempt of any student to present as his or her own work that which he or she has not produced is regarded by the faculty and administration as a serious offense. Students are considered to have cheated if they copy the work of another during an examination or turn in a paper or an assignment written, in whole or in part, by someone else. Students are responsible for plagiarism, intentional or not, if they copy material from books, magazines, or other sources without identifying and acknowledging those sources or if they paraphrase ideas from such sources without acknowledging them. Students responsible for, or assisting others in, either cheating or plagiarism on an assignment, quiz, or examination may

receive a grade of F for the course involved and may be suspended or dismissed from the university.

A faculty member has original jurisdiction over any instances of academic misconduct that occur in a course which the faculty member is teaching. The student shall be given the opportunity to resolve the matter in meetings with the faculty member and the department chair. If the facts of the incident are not disputed by the student, the faculty member may elect to resolve the matter at that level by levying a sanction no greater than an F for that course. The faculty member shall notify the student in writing whenever such action is taken, and Student Conduct shall receive a copy of the Academic Misconduct Incident Report indicating final disposition of the case, which will be placed in the conduct file of the student. In all matters where the charge of academic misconduct is disputed by the student or if the faculty member feels a sanction greater than an F in the course is appropriate (such as repeated offenses or flagrant violations), the faculty member shall refer the matter to Student Conduct making use of the Academic Misconduct Incident Report. Additional sanctions greater than an F in a course can be levied only through the university system. With regards to finding the student either responsible or not responsible for his or her action, the ruling of the Hearing Board shall be binding. In cases where there is either a finding of responsibility or an admission of responsibility by the student, any recommendations by the Hearing Board regarding the course grade are non-binding on the instructor, who remains solely responsible for assigning a course grade, consistent with the policies set forth in the course syllabus.

Classroom Disruption

Higher education is a privilege accorded to those students deemed able to profit from the attendant intellectual experiences. Students admitted to NIU are assumed to have the maturity to function appropriately in a variety of instructional situations.

When a student's behavior in a classroom, laboratory, or other formal learning environment is such that the rights of other enrolled students to an effective learning climate are being violated, the student shall lose the privilege of attending or receiving credit in the class.

In any case of the disruption of instruction by a student, the chair of the department may, after investigating the incident, suspend the student responsible from class attendance and recommend to the dean of the college that the student be permanently barred from the class. The student concerned is to be notified in writing of such action and may appeal the department's recommendation to the dean within one week of notification. Upon such written appeal, the dean shall conduct a hearing, providing for a presentation of the facts relative to the disturbance. The decision of the dean shall be final. If the recommendation to bar the student from class is upheld, the student will be officially dropped from the course following regular course drop procedures, with the date upon which the student was initially suspended as the effective date of the course drop.

Extreme and/or disruptive behavior will constitute grounds for dismissal from the university. The Student Judicial Office handles allegations of such behavior; the policies and procedures of that office are outlined in the Student Judicial Code.

For other regulations governing conduct and discipline, see the section "Conduct and Discipline Regulations" in the "Legal Notices" section of this publication.

Oral English Proficiency in the Classroom

The state of Illinois requires that all classroom instructors at public higher education institutions be able to communicate effectively in the English language. Students should communicate concerns about the oral English language proficiency of instructors to the chair of the department in which the course is offered or, if the student prefers, to the Ombudsman, who will work with the department to resolve the matter.

Expenses

Tuition and Fees

Tuition and fees are subject to change. The official charges are those billed by the Bursar's Office during the fee payment period for each term. For the most recent tuition and fee rates, see the Bursar website at www.niu.edu/bursar.

Fee Coverage

The General Fee is assessed to all undergraduate students taking courses at our main campus in DeKalb. Allocations from these fees support: building maintenance for classroom buildings and other campus facilities such as Holmes Student Center, the Recreation Center and the Convocation Center, and campus infrastructure improvements in order to provide students with a quality learning environment; Student Health Center which is managed and operated in partnership with Northwestern Medicine; the Huskie Bus service (fee paying students can ride buses without paying charged fares); the university's intercollegiate athletic programs for both men and women; the university's grants-in-aid program (a merit based scholarship program); Arts and Culture (performances from School of Music and School of Theater and Dance); and the Student Association and its activities such as concerts, films, speakers, etc.

Academic Program Enhancement Fee is assessed to all undergraduate students at all campus locations. Revenues from this fee provide funding for cutting edge academic programs, library journals and books, support for courses in high demand, and technology upgrades.

See Tuition and Fees as listed on the Office of the Bursar web site*:* http://www.niu.edu/bursar/.

Regional Courses

Courses taught at regional sites are included in the calculation of tuition charges, but are excluded from total hours in the assessment of general student fees. Tuition charges are applicable to the total enrolled hours, with an additional delivery fee for each regional course. (See "Special Fees" below.)

Special Fees

A student may be charged for departmental field trips, library fines, or excess breakage. When a course involves use of materials, rather than equipment, the student will ordinarily pay for such materials. Other special fees, not applicable to all students, are as follows.

Apostille fee: $10.00
Enrollment certification fee: $5.00
Fee for new nonimmigrant students: $125.00
Graduation fee (baccalaureate degree): $29.00
Outreach delivery fee: $56.00 per semester hour
Lost identification card (after the first is issued):$20.00
Replacement of damaged or broken card (must bring card to the OneCard Office):$10.00
Transcript fee: $8.00

Class material fees where applicable will be billed as part of the total billing. See https://www.niu.edu/bursar/tuition/fees.shtml for a summary of additional fees and common charges.

Room and Board Rates

Residence hall room and board rates for the current academic year can be found by visiting https://www.niu.edu/housing/halls/compare/index.shtml#halls=neptune,stevenson,grant. All residence hall rates include the Huskie Block 12 option (12 meals and 100 dining dollars). Students can optionally upgrade plans with larger meal counts and additional dining dollars.

Specific questions about our room and board rates can be found at niu.edu/housing or by calling Housing and Residential Services during regular business hours Monday through Friday, 8:00 a.m. to 4:30 p.m. at 815-753-1525.

Refund Policies

In the following discussion of policies governing refunds of tuition and fees, it should be understood that "refund" refers to a "reduction or adjustment of tuition and fee charges," and may or may not result in the return of funds to the student. Where payment in full has not been made, an equivalent adjustment may occur on the total amount due. If only a partial reduction in tuition or fee charges occurs, a student who had a balance due may still owe an additional amount beyond what has already been paid. If no reduction in charges occur, not only will funds not be returned to the student, but the student will be responsible for the unpaid balance.

Tuition and fees, due by the established university due date, include tuition, general student fee, material fees, academic program enhancement fee, outreach delivery fees, regional course fees, health insurance fees, and any other required fees associated with enrollment at the university.

A student that has registered and officially withdraws from all courses for the semester, possibly can receive a refund of tuition and fees, which may or may not result in the return of funds according to the following withdrawal schedule.

Semester Withdrawal and Course Drop/Withdrawal Refund Schedules

Semester Withdrawal Tuition & Fees Refund Schedule for 16 week courses	
16 Week	**Refund Percent**
Week 1	100%
Week 2	100%
Week 3	80%
Week 4	70%
Week 5	70%
Week 6	60%
Week 7	60%
Week 8	50%
Week 9	40%
Week 10	40%
Week 11-16	0%

Course Drop/Withdrawal Tuition & Fees Refund Schedule for 16 week courses	
16 Week	**Refund Percent**
Week 1	100%
Week 2	100%
Week 3	0%
Week 4	0%
Week 5	0%
Week 6	0%
Week 7	0%
Week 8	0%
Week 9	0%
Week 10	0%
Week 11-16	0%

Semester Withdrawal 14 Week	
14 Week	**Refund Percent**
Week 1	100%
Week 2	100%
Week 3	80%
Week 4	70%
Week 5	70%
Week 6	60%
Week 7	50%
Week 8/ Week 9 (1st half)	40%
Week 9 (2nd half) & after	0%

Course Drop/ Withdrawal 14 Week	
14 Week	**Refund Percent**
Week 1	100%
Week 2	100%
Week 3	0%
Week 4	0%
Week 5	0%
Week 6	0%
Week 7	0%
Week 8/ Week 9 (1st half)	0%
Week 9 (2nd half) & after	0%

Semester Withdrawal 8 Week	
8 Week	**Refund Percent**
Week 1	100%
Week 2	70%
Week 3	60%
Week 4	50%
Week 5 & after	0%

Course Drop/ Withdrawal 8 Week	
8 Week	**Refund Percent**
Week 1	100%
Week 2	0%
Week 3	0%
Week 4	0%
Week 5 & after	0%

The add/drop period constitutes the first two weeks of the semester for 16 week courses and the first week of the semester for 8 and 4 week courses. The university may designate shorter refund periods for special courses, short courses, and other enrollments of a limited nature. For additional information on refund schedules please visit, https://www.niu.edu/bursar/account/withdrawals/spring.shtml

Students may receive a refund of tuition and fees if the university declares them ineligible for enrolled status prior to the first day of regularly scheduled classes.

Impact of Course Drops and Withdrawals on Financial Aid

Course Drop prior to end of add/drop period

Courses dropped prior to the end of drop/add that have a 100% tuition refund and will not appear on a transcript as withdrawn will not be reflected in financial aid eligibility for the semester. Aid is adjusted and credited to student accounts after the add/drop period.

Course Withdrawal after end of add/drop period

After the add/drop period has ended, students who withdraw from a course or courses they have attended, but do not withdraw from all courses for a semester, generally have no change in financial aid previously awarded/disbursed for the respective semester. These are courses that will appear on the transcript as withdrawn and will be used in the tuition and fee calculation for the semester.

If aid is awarded/disbursed after the course is withdrawn from, the course cannot be used to calculated Pell Grant eligibility. Most other aid will be based on enrollment level at the end of the add/drop period. Likewise, students who withdraw from a course never attended are not eligible for some aid based on that course.

Any courses withdrawn from that reflect a grade of W may impact future aid eligibility. Students must have a 67% successful completion rate of courses attempted, including courses with a grade of W or F, to maintain eligibility for federal and state aid.

Semester Withdrawal

Students who are recipients of federal aid and withdraw from all courses for a semester before the 60% point of their enrollment dates for the term (period of enrollment), are subject to federal return-of-Title IV funds rules. Federal programs assume attendance for the entire period of enrollment and are not considered "earned" by regulation if the student ceases attendance. NIU is required to return, to federal programs, a percent of the federal funds received based on the percent of the period of enrollment not attended.

The funds returned will reduce prior credits on the student account and may result in the student owing funds to NIU. In some cases, but not all, the funds returned may be offset by a reduction/refund of tuition and fee charges. Frequently the funds are returned to federal loan programs and reduce the student's outstanding loan balance.

Students whose tuition and fees was paid by a resource other than federal aid, such as NIU scholarships or state aid, and receive a credit balance refund of federal aid, will have to repay part or all of that refund.

Students who reduce the number of semester hours carried prior to the end of the add/drop period may receive a refund of tuition and all fees not applicable to their new status, excluding student medical insurance. If the number of semester hours is reduced to fewer than 6, the student medical insurance may be refunded.

Students who reduce the number of semester hours carried (but remain enrolled in some course work) after the end of the add/drop period day will no longer be eligible for a course refund. If the number of semester hours is reduced to fewer than 6, the student medical insurance may be refunded.

Part or all of a student's tuition and fees may be refunded because of a student's death, disability, extreme hardship, or being called to active military service. The student, or in the event of a student's death, his or her family, must contact the office of the Vice Provost for Undergraduate Studies to request an adjustment of charges for tuition and fees and to receive a partial or full return of funds paid when semester withdrawal is the consequence of one of the aforementioned circumstances. The student or his or her family will be required to provide documentation supporting the request. In the event of disability, medical documentation is to be sent to Health Services. In the event of being called to active military service, a student's death, or extreme hardship, documentation should accompany the request sent to the office of the Vice Provost for Undergraduate Studies. A semester withdrawal (i.e., withdrawal from all courses in a given semester) is an academic procedure that must be completed by the student's college advising office, or Academic Advising Center if the student has no college affiliation. Contact with the office of the Vice Provost for Undergraduate Studies should be only for the purpose of seeking an adjustment of tuition and fee charges.

Students enrolled in foreign study programs must adhere to the refund regulations stipulated by the Division of International Affairs.

For answers to questions on the refund policies, please contact the Office of the Bursar at 815-753-1885 or email, bursar@niu.edu.

The above refund policies are subject to change.

Payment of Fees

Payment of all charges on the student's account is due by the established due date for each term. Any additional expenses incurred after this initial **payment due date** for the term will be due by the due date indicated on the student's MyNIU account. Any student who pays less than the total amount due on the payment due date will be assessed a late payment fee on the unpaid balance. The late fee rate can be found by visiting https://www.niu.edu/bursar/payments/payment-policy.shtml. This late payment fee will be assessed monthly on the unpaid balance that continues to be past due.

Any student with a balance will have a **hold** placed on the student's account records. This hold will prohibit the student from registering for classes and/or obtaining official transcripts until the account balance is paid in-full.

Financial Responsibility: By registering for courses at Northern Illinois University the student is accepting financial responsibility for the costs of and related to the student's registration at the university including choosing to reside in the university's residence halls, selecting a meal plan, or other university services. In the event a student's account is past due, late payment fees will be applied to past-due amount. Continued failure to pay a past due debt may result in the debt being listed with credit bureaus, the State Comptroller's Offset Program and, if necessary, referred to a collection agency and/or authorize legal action for the collection of this debt. The student is then responsible for all fees and costs incurred by the University in the collection of the past due debt, including collection fees and/or attorney's fees. To view the Student Financial Responsibility Agreement visit https://www.niu.edu/bursar/payments/student-financial-agreement.shtml.

Illinois Residence Regulations

Beginning Fall 2018 domestic students (including permanent residents, undocumented and select visa holding students) will be charged the same tuition rate, regardless of their state of U.S. residency. However, residency will still need to be determined for institutional reporting, financial aid purposes and a variety of other needs.

Students who take exception to the residence status assigned shall pay the tuition assessed, but may file a petition in writing to the Office of Registration and Records for a reconsideration of residence status.

The written claim must be filed within 30 calendar days from the date of assessment of tuition, or the first class day of the term for which tuition is payable, whichever is later, or the student loses all right to a change of status and adjustment of the tuition assessed for the term in question.

The following is based on Regulations of the Board of Trustees, a copy of which is available on the Internet at www.niu.edu/board/regs/botregtoc.shtml.

Adult Students. Students 18 years of age and over are considered residents for tuition purposes, if they have been bona fide residents of the state for at least six consecutive months preceding the first class day of the term and continue to maintain that residence. An adult student whose parents are Illinois residents and who lives with them or elsewhere in the state also will be regarded as a resident.

Minor students. The residence of a student under 18 years of age is considered to be and follow that of the parents. Self-supporting minors are subject to the same regulations as adults.

Exceptions

Marriage. If a nonresident student marries a resident, the nonresident can request reclassification as a resident before six months have elapsed. All other regulations pertaining to adult students apply.

International students. A person who is not a citizen of the United States of America may establish resident status unless the person holds a visa which precludes intent to permanently reside in the United States. Non-citizens may commence establishment of residency with notification of permanent residency status by the United States Immigration and Naturalization Service provided the person meets and complies with all the applicable requirements of these regulations. To be considered a resident, a student who

is not a United States citizen must have "Permanent Resident" status or "Refugee" status with the U.S. Immigration and Naturalization service and must also comply with all other requirements of these regulations.

Armed forces personnel. The nonresident portion of the tuition will be waived for a person on active duty who is stationed and present in the state in connection with that service and who submits evidence of that service and station. Spouses and dependent children who live in the state are also eligible for waivers.

University staff and faculty members. Nonhourly staff members of the university, and faculty members of Illinois state-supported institutions of higher education, employed at least one-quarter time, and their spouses and dependent children, are considered residents. The term "staff members" does not include graduate assistants or student hourly workers.

Teachers. Teachers in the public and private elementary and secondary schools of Illinois may be assessed at the resident rate, during the term in which they hold appointment at least one quarter time.

A student who takes exception to the residence status assigned shall pay the tuition assessed, but may file a petition in writing to the Office of Registration and Records for reconsideration.

The written claim must be filed within 30 calendar days from the first class day of the semester for which the tuition is payable or the student loses all right to a change of status and adjustment of the tuition assessed for that semester.

Financial Aid and Scholarships

Financial Aid and Scholarship Office

The Financial Aid and Scholarship Office is responsible for administering and coordinating aid funds from federal, state, private, and university sources. The primary goal of the Financial Aid and Scholarship Office is to enhance access and affordability by assisting students and families to maximize financial resources, navigate federal and state requirements, and to understand costs and aid eligibility; as well as design and administer NIU scholarship and grant programs.

State, federal and NIU financial aid is available to qualified, fully admitted students attending NIU. Some programs, including student loans, require half-time enrollment (6 credit hours) for all terms including summer. NIU grants and scholarships generally require full-time enrollment (12 credit hours) and are awarded for fall and spring only. Pell Grants and the Illinois State Monetary Award (MAP Grant) may be awarded to less than half-time students. Most financial aid programs have annual and lifetime limits. Questions concerning financial assistance should be directed to this office or by e-mailing finaid@niu.edu.

The Financial Aid and Scholarship Office is open from 8:00 a.m.to 4:30 p.m. Monday through Friday. For contact information call 815-753-1395 or visit http://www.niu.edu/financial-aid.

Eligibility Requirements and General Application Procedures

In general, to be eligible for state or federal grants or student loans, a student must:

- be a citizen or permanent resident of the United States or other eligible non-citizen.
- be enrolled at least half time (6 or more graded undergraduate semester hours at NIU) and admitted to a degree-seeking program. (Some programs are available to students enrolled in fewer than 6 semester hours.)
- not be in default on a Federal Perkins Loan, Federal Direct Loan, Federal PLUS (Parent Loan) for Undergraduate Students, or Federal Grad Plus Loan.
- not owe a repayment to a grant program.
- be making satisfactory academic progress per federal financial aid regulations.
- agree to use any student financial aid received solely for educational expenses.
- begin attendance in all courses for which aid is received.

For full list of eligibility criteria, see http://www.niu.edu/financial-aid.

To apply for federal/state aid, students must complete and submit the Free Application for Federal Student Aid (FAFSA) listing NIU's school code, 001737. You can file the FAFSA by:

- Applying online at studentaid.gov, select "Apply for Aid" on the top banner.
- Using the myStudentAid app. Download the myStudentAid app in the Apple App Store (iOS) or the Google Play store (Android).
- Request a paper FAFSA by calling the Federal Student Aid Information Center at 1-800-4-FED-AID (1-800-433-3243) TTY line at 1-800-730-8913.

The Retention of Illinois Students & Equity (RISE) Act went into effect January 2020. The RISE Act allows Illinois residents, who are not eligible for federal financial aid, to apply for state assistance. Students must be able to complete the Illinois Student Assistance Commission's Alternative Application for Illinois Financial Aid rather than the FAFSA. Generally, Illinois residents who are undocumented and transgender students who have not registered for selective service will be able to apply for aid through the Illinois Student Assistance Commission. Additional information, along with the application, can be found at ISAC.org.

Applicants for financial aid from NIU are considered for all programs for which they are eligible. Several types of aid may be combined or "packaged" based on the student's computed financial need. Need is determined by subtracting the FAFSA calculated Expected Family Contribution (EFC) from the student's total cost of attendance/financial aid budget. The parents' contribution is calculated on the basis of their income and assets as well as a consideration of family size, number of family members currently in college, retirement allowances, tax paid, and other allowable factors. The student is also expected to make a calculated contribution toward college expenses if they have income, savings, and other assets. A federal need analysis, called Federal Methodology, approved by the U.S. Congress, is used to evaluate a family's financial circumstances. A student who meets the federal independent student definition is evaluated on the basis of his or her (and spouse's, if applicable) financial circumstances.

To continue to receive aid, students must reapply for financial aid each academic year using the FAFSA.

Depending on the availability of funds, some types of federal, state, and institutional aid may be available for students attending NIU's summer session. The FAFSA for the preceding academic year is used to determine financial aid for the summer session. Eligibility for summer session aid is determined once the student is enrolled in summer session courses. Students must request consideration for summer aid.

Students who receive financial assistance and withdraw from the university, or cease to participate in a semester without formally withdrawing from the university, may be required to repay a portion of their award(s). The exact amount to be repaid to financial aid programs will be determined by the

amount of aid received, the educational costs incurred, and the length of time attended during the semester. Students who do not begin attendance in all registered courses may have financial aid reduced. See the Financial Aid and Scholarship website for more information on the return of Title IV aid.

Satisfactory Academic Progress for Undergraduates/Postbaccalaureates

In accordance with the Higher Education Act of 1965, as amended by Congress, Northern Illinois University has established a satisfactory academic progress policy for undergraduates and postbaccalaureates. Detailed information about satisfactory academic progress standards and procedures is available at www.niu.edu/financial-aid.

Federal and state financial aid programs covered by this policy include: Federal Pell Grant, Federal Supplemental Educational Opportunity Grant (FSEOG), Federal Work Study (FWS), Federal Direct Loan Program (Subsidized and Unsubsidized), NIU grants, other grants as well as the Illinois State Monetary Award Program (MAP), the Federal Direct PLUS Loan, and some private loans.

Students will be considered to be making satisfactory academic progress if they meet all of the following requirements. Failure to comply with any one will result in a loss of financial aid eligibility.

Rate of Completion Requirement (Pace)

A student must successfully complete at least 67% of all credit hours attempted. NIU withdrawals, incompletes, and courses repeated will be counted in the calculation of hours attempted. Audits are not included in the total number of semester hours attempted. Earned A, A-, B+, B, B-, C+, C, D, and S grades are considered completed semester hours of credit. NIU withdrawals, incompletes, audits, and grades of F and U are not considered completed semester hours of credit.

Grade Point Average Requirement

A student who has attended NIU for three or fewer semesters and has less than 45 credit hours must have at least a 1.60 cumulative GPA. All other undergraduates must have at least a 2.00 cumulative GPA.

If a student repeats a course, only the best grade of all attempts of the course will be used in the GPA calculation for satisfactory academic progress.

The first semester a student does not meet the pace or GPA requirement they are placed on SAP Warning. During the warning semester the student continues to be eligible for financial aid. If the deficiency is not resolved after the warning semester the student is ineligible for financial aid their next term of enrollment. Such students may formally appeal their ineligibility for financial aid by following the guidelines under the "Appeal Procedures" section of this policy.

Maximum Time Frame Requirement

An undergraduate student may receive financial aid until she or he has attempted 150% of hours required for degree inclusive of credit from NIU and/or transfer schools. For most undergraduate programs the 150% maximum time frame is 180 attempted credit hours. This policy must consider all terms of enrollment whether or not financial aid was received. NIU withdrawals, incompletes, and courses repeated will be counted in the calculation of hours attempted. Audits are not included in the total number of semester hours attempted. Earned A, A-, B+, B, B-, C+, C, D, and S grades are considered completed semester hours of credit. NIU withdrawals, incompletes, audits, and grades of F and U are not considered completed semester hours of credit. Students who fall into this category are immediately ineligible for financial aid. Such students may formally appeal their ineligibility for financial aid by following the guidelines under the "Appeal Procedures" section of this policy.

Undergraduate Change of Major

In the appeal process, up to one change of an undergraduate major will be considered if the change in major resulted in the student exceeding maximum time frame. Two or more changes of an undergraduate major may be appealed with extenuating circumstances and in consultation with the advising dean. Transfer from another institution is considered a change of major.

Evaluation

The standards of satisfactory academic progress, cumulative GPA, pace, maximum time frame, and academic standing are reviewed at the conclusion of each semester. Students who are not meeting either the GPA or pace standards at the end of any semester will be placed on Financial Aid Warning. A student on Financial Aid Warning may receive financial aid for the next semester they attend. The status of Warning is effective for one term of enrollment. If the student does not meet the minimum SAP standards by the end of the Financial Aid Warning semester, he or she will become ineligible for all federal and state financial aid, including grants, student loans, parent (PLUS) loans, and work-study in subsequent semesters until he or she again meets the SAP standards or has a financial aid SAP appeal approved. A student who exceeds the maximum timeframe standard will be ineligible for financial aid for the immediately following semester.

Detailed information regarding the appeal process will be sent to all students who fail to make satisfactory academic progress. If the appeal is approved, the student will be placed on an academic plan. Continued eligibility for financial aid is contingent on meeting all conditions of the academic plan or achieving all standards of satisfactory academic progress.

A student not meeting pace, GPA, or academic standing standards and attends without receiving financial aid can regain financial aid eligibility for future terms by achieving a cumulative GPA of 2.00 or higher, <u>and</u> a pace of 67% or higher, and regaining good academic standing.

Academic Standing Requirement

Students must remain in good academic standing with the University. If a student is a candidate for dismissal, even if the student is retained or reinstated, the student is considered to not be meeting this standard for that semester.

Appeal Procedures

Appeals must be submitted in writing to the Financial Aid and Scholarship based on unanticipated extenuating circumstances. Only circumstances that would reasonably impact any prepared and diligent student can be considered. The Financial Aid and Scholarship considers federal regulations and guidance, the student's written appeal, and other documentation when making a final determination. Deadlines for appeal are published on niu.edu/financial-aid/about/policies.shtml.

The following reasons **are examples of** extenuating circumstances:

- injury or serious illness
- death of an immediate family member

In general, the following **will not be considered** as extenuating circumstances:

- poor academic performance
- extra-curricular activities
- work or social engagements
- general adjustment to college life and/or academics
- more than two changes in academic major

The appeal must explain why the student failed to make satisfactory progress and what has changed that will allow progress for future semesters. The appeal decisions of the Financial Aid and Scholarship are final and cannot be overturned by the U.S. Department of Education. All extenuating circumstances must be documented.

The official Satisfactory Academic Progress Policy and Procedures published on the Financial Aid and Scholarship website are the university's official policy and may have information more recent than the catalog print date.

Federal/State Assistance

Federal

Federal Pell Grant. This grant helps undergraduates pay for their education after high school. Eligibility is determined from information reported on the FAFSA.

Federal Direct Loan. Direct Subsidized Loans are loans made to eligible undergraduate students who demonstrate *financial need* to help cover the costs of higher education at a college or career school. Direct Unsubsidized Loans are loans made to eligible undergraduate students. The student does not have to demonstrate financial need to be eligible for the Unsubsidized loan.

Federal Direct PLUS for parents. The link for the online PLUS application is available on the Financial Aid and Scholarship Office website.

Federal Supplemental Educational Opportunity Grant. This grant is for undergraduates attending full time. The amount awarded to recipients depends on financial need, the amount of other aid received, and the availability of funds at NIU. Students must have a zero EFC and be a Pell recipient.

Veterans Assistance. The Military and Post Traditional Student Services provides a liaison between the U.S. Department of Veterans Affairs and student veterans and the dependents of disabled and deceased veterans regarding their educational benefits. The office assists veterans, their widows or widowers, and their minor dependents in the processing of their applications and certification of their enrollment. Assistance is also provided when difficulties arise concerning receipt of the benefits for which students are eligible. Applications are also available for the Illinois Veteran Grant, the Illinois National Guard Grant, and the Illinois MIA/POW Scholarship.

Incoming veterans are advised to contact the Military and Post Traditional Student Services at least 45 days prior to the start of the semester to complete paperwork to receive their benefits. Veterans receiving benefits must complete an NIU Enrollment Certification Request Form each semester and notify of all changes in enrollment. The NIU Enrollment Certification Form can be found on-line at http://www.niu.edu/mptss. Inquiries concerning educational benefits for veterans and their dependents may be directed to the Military and Post Traditional Student Services, Northern Illinois University, Campus Life Building, Room 240, DeKalb, Illinois 60115, 815-753-0691 or online at http://www.niu.edu/mptss. Office hours are 8:00 a.m. - 4:30 p.m., Monday through Friday.

State

Illinois Department of Human Services, Department of Rehabilitation Services. This office provides rehabilitation services to individuals with a significant disability to enable them to engage in an occupation leading to competitive employment. These services may include financial assistance for all or part of the tuition and fees and/or the student's maintenance costs while they are in attendance at an accredited postsecondary institution. For detailed information and application assistance, write to the Illinois Department of Human Services, Department of Rehabilitation Services, 100 S. Grand Avenue E, Springfield, IL 62762, or visit their website at www.dhs.state.il.us.

Illinois National Guard Grant. Any person who is actively serving in the Army or Air National Guard, or Illinois Naval Militia may qualify for financial assistance benefits. Students should contact the Illinois Student Assistance Commission for information and deadlines.

Illinois State Monetary Award Program. This program is available from the state of Illinois for Illinois residents who are undergraduates. Eligibility is determined based on information reported on the FAFSA or Illinois Alternative Application. The award is restricted to tuition and mandatory fees.

Illinois Veteran Grant. A veteran who was a resident of Illinois both before and after one year or more of active duty, and received other than a dishonorable discharge may qualify for the Illinois Veteran Grant. Students should contact the Illinois Student Assistance Commission for information and deadlines.

Illinois Special Education Tuition Waiver, Minority Teachers of Illinois Scholarship Program, Golden Apple Scholars of Illinois, MIA/POW Scholarships. Program and eligibility information available at ISAC.org.

Institutional Aid

Northern Illinois University offers competitive merit scholarships as well as need-based awards. Merit scholarships are offered at the time of admission to first-time incoming freshman or transfer students who meet the academic credentials, citizenship requirements and priority deadlines. Most merit scholarships are renewable, provided the student maintains full-time enrollment and the required minimum cumulative grade point average (terms and conditions will be issued at the time the award is made). Many academic colleges or departments, as well as student service offices, offer competitive scholarship opportunities, most of which are funded by generous donors to NIU. Application requirements, deadlines, access to the on-line scholarship application system, and other scholarship resources can be found through the Financial Aid and Scholarship website at niu.edu/financial-aid/scholarships.

Need-based awards are made based upon information submitted in the FAFSA, sometimes in conjunction with academic credentials, and may be subject to available funding.

Private/External Scholarships

Private scholarships are awards provided by donors outside the university such as civic, fraternal, professional, educational, and religious groups/organizations, private foundations, corporations, and employers of parents. The Financial Aid and Scholarship Office, high school guidance counselors, library reference books, and the Internet are good reference sources for assistance in locating private scholarships. Questions regarding the processing of private/external scholarship funds should be referred to the Financial Aid and Scholarship Office. The Financial Aid and Scholarship Office administers the disbursement to students of scholarship funds provided by private/external donors.

Student Employment

A variety of part-time employment opportunities are available to NIU students under the regular student employment and Federal Work-Study programs. Jobs are available through many university departments and include positions in Housing and Dining, the University Libraries, Campus Recreation, and the Holmes Student Center. For job openings, students should visit www.hr.niu.edu.

Federal law mandates that any person employed by Northern Illinois University after November 6, 1986, must complete Form I-9 to verify identity and employment authorization. Student employees must be prepared to present original documentation prior to the start of their employment. For more information, contact the Student Employment Office (815-753-1394).

Tuition Waivers for Senior Citizens

Anyone 65 years of age or older with an annual income under $25,520 if single, or $34,480 if married, is eligible to take credit courses, tuition free. The student must pay for all general university fees and any course-related fees. Tuition-paying students enrolled must constitute the minimum number of required students for the particular class, except for credit courses specifically designed for senior citizens. Those interested should contact the Financial Aid and Scholarship Office at 815-753-1395 or visit our website at www.niu.edu/financial-aid.

University Services

Holmes Student Center

The Holmes Student Center located in the heart of NIU's campus, offers lounge space, food options, and meeting rooms for students, student organizations, and the NIU community. It features the Duke Ellington Ballroom and Carl Sandburg auditorium and is the largest venue on campus for student events, meetings, and conferences. Wi-Fi is available throughout the building and an ATM machine is located on the main floor.

The Hotel at Holmes, with over 70 guest rooms, is the ideal place for family, friends, and visitors of the NIU campus and community to stay. It is also home to the Huskies Den, providing bowling, billiards, arcade games, and electronic gaming and Huskie Books and Gear, selling NIU spirit wear, school and art supplies, books, and textbooks.

Housing

Campus Living

NIU offers a range of on-campus living options for undergraduate students. Whether living in one of the five residence hall communities or in our apartment-style Northern View Community, on-campus housing provides NIU students with a supportive environment, which fosters personal growth, community connections, and academic achievement.

The university residence halls are a convenient and affordable option for undergraduate students. Residence hall rooms are furnished with a bed, desk, desk chair, dresser, and combination refrigerator/freezer; additionally, utilities are covered within the residence hall contract (including cable TV, Internet, heat, gas, water, garbage, and electricity). Each residence hall has computer workstations available to meet the needs of students. Lobbies and common areas are equipped with wireless Internet, and students can access an Internet connection in their residence hall rooms. Other amenities available to hall residents include quiet study lounges, community safety centers, on-site laundry, vending machines, photocopiers, and easy access to the Huskie Bus Line.

Residence hall contracts also include an unlimited meal plan. Residents can choose to eat in any of the four dining units in the halls. Dining hours and menus can be found on the Dining website at go.niu.edu/eat.

A unique aspect of living in the university residence halls is the supportive academic and social environment found on each floor. Residence hall staff, including community advisors who live on each floor, help students acclimate to life at NIU. Students can also take advantage of various support resources, including in-hall tutoring centers, computer labs, and specialized programs found in Living-Learning Communities and Special Interest Communities. These specialized communities are designed to strengthen the connection between students and faculty/staff within a chosen course of study or with a special interest. NIU offers the following Living-Learning Communities and Special Interest Communities: ACES House (Academic and Career Exploratory Scholars), Business Careers House, Esports Community, Fine Arts House, Health Professions House, Honors House, TEACH House, Foreign Language Residence Program, LGBTQA Community, ROTC House, Science, Technology, Engineering and Math Careers House, Sport, Recreation and Wellness Community, and Transfer House.

Residence hall contracts are valid for the entire academic year (August to May). Optional winter break housing is available in select halls. Summer housing, as well as summer meal plans, is also available. Applications are available online at niu.edu/housing and at the Housing Office located in Neptune East 101. Housing and Residential Services can be reached at 815-753-1525 or by e-mail at housing@niu.edu.

Health Services

The university partners with Northwestern Medicine, which operates and runs the on campus clinic. Health Services offers a wide variety of high quality, out-patient health care services to NIU students to assist with maintaining and improving their health. Health Services is available to all students who have been assessed on-campus student fees. There are no charges for physician or provider services, X-rays, most laboratory tests, and many other services. There are charges for medications, immunizations, specialized medical procedures and supplies, selected laboratory tests, and missed appointments. Health Services accepts most health insurance, including Student Health Insurance. Students may use Health Services without being enrolled in the university's Student Health Insurance Plan.

Student Health Insurance

Students who register for 9 or more on campus semester hours by the 10th academic day of the semester are automatically assessed the fee for student health insurance on their tuition account through the Bursar's Office. The student health insurance plan provides coverage for hospitalization and/or medical treatment for injury and sicknesses 24 hours a day anywhere in the world. It is compliant with the Affordable Care Act.

Students who have been assessed the student health insurance fee and have comparable health insurance coverage may apply for a waiver by completing the on-line Waiver Process at www.niu.edu/shi on or before the 10th academic day of the semester. Student who successfully complete the waiver process are not assessed the student health insurance fee or covered by student health insurance for the following spring semester.

Reinstatement to the student health insurance plan is available during open enrollment periods or within 60 days of being removed from alternate coverage. Please contact the student health insurance office for more information.

Students who are insured for the spring semester, are automatically covered through the summer whether or not they enroll in the summer session.

Information concerning the student health insurance may be obtained from the Student Health Insurance office, Health Services, Room 101, 815-753-0122 or email to studentinsurance@niu.edu.

Service Centers, Offices, and Agencies

Huskie Academic Support Center

The University Writing Center and ACCESS Tutoring have merged to form the Huskie Academic Support Center (Huskie-ASC). The combined services will provide online one-to-one and group support for many of your classes. The Huskie Academic Support Center will continue to offer writing/research support for all writing/oral communication-related projects through the University Writing Center coaches. Huskie-ASC will also provide interactive individual and group-based content tutoring from Supplementary Instruction Leaders (SILs), particularly for lower-level courses. Peer Academic Coaches (PACs) will help students polish their study, time management, and test-taking skills.

Check out the Huskie ASC website:
https://www.niu.edu/academic-support/

Email us at hasc@niu.edu for more information

Individual Services

University Writing Center

(hasc@niu.edu): The UWC is dedicated to helping you become a stronger, more confident writer. Sessions focus on academic writing for courses, such as essays and presentations, and career-related documents, such as resumes and cover letters. Feedback helps identify what you do well and what you should focus on in the future. Focused on any course/project that requires writing, documentation, communication. Sessions cover all aspects from brainstorming/prewriting through revising/editing.

Supplementary Instruction

(niusi@niu.edu): Supplemental Instruction (SI) consists of interactive out-of-class group study sessions that reinforce and clarify what you learn in class. During a session, you can ask questions, share your work and take part in learning activities with fellow students. By participating in an SI session, you can retain more information than you would by studying by yourself. Focused primarily on 100 and 200 level courses.

Peer Academic Coaches

(hasc@niu.edu): Peer academic skills coaches offer one-on-one and small group instruction to help you develop effective study strategies. Focused on learning styles, note-taking skills, test-taking strategies, overcoming test anxiety, time management, motivation, etc. Sessions also provide opportunities to identify campus resources, advocate for yourself, etc.

Asian American Resource Center

NIU's Asian American Resource Center provides student-centered services to a growing Asian American student population, which is comprised of many ethnicities including, but not limited to, Burmese, Cambodian, Chinese, Filipino, Hmong, Indian, Indonesian, Japanese, Korean, Laotian, Malaysian, Pakistani, Taiwanese, and Vietnamese. In support of the academic missions of NIU and the Division of Student Affairs, the center assists in the recruitment and retention of Asian American students and provides diverse educational, cultural, and social activities designed to raise awareness about Asian American heritage and culture. In particular, the center offers a Peer Mentor Program for first-year students designed to assist with their transition to college and their persistence to graduation. The center creates an inclusive and welcoming environment that intentionally enhances students' learning experiences, leadership development, and career preparation. It also provides students with computer access, a resource library, meeting rooms, and extended hours during final examinations.

Campus Transportation

NIU maintains the largest student-run university bus system in Illinois. The 17-route system, governed by the director of Mass Transit and the Student Association Mass Transit Board, provides free transportation to all fee-paying students to campus, and inexpensive transportation for the DeKalb community. The Huskie buses are in operations seven days a week while school is in session during the fall and spring semesters, and for limited hours during winter and spring breaks, as well as during the summer session. Most Huskie buses are equipped with chair lifts to provide students easy access to and from campus, shopping and entertainment areas. For more information, call the Student Association at 815-753-0483.

On Fridays and Sundays, the Student Association also runs a shuttle running to and from the Elburn Train Station. This enables many students to take public transportation back to their homes and visit their families, and allows them to return easily as well. For more information about the Elburn Shuttle Routes call the ticket office at 815-753-3146.

In conjunction with the NIU Department of Police and Public Safety, the director of Mass Transit oversees Huskie Safe Line, which provides safe passage for students to their DeKalb-area homes. The service operates seven nights a week from 11 p.m. to 5:30 a.m. and can be reached at 815-753-2222.

Through the director of Mass Transit and the Disability Resource Center, the NIU Student Association operates the Freedom Mobile, which provides transportation around the campus and vicinity for students with disabilities. During the winter months class-to-class transportation is available for

students with a qualifying disability. For more information, call the Disability Resource Center at 815-753-1303.

Career Services

Career Services helps students identify and secure internships and full-time employment through a centralized department serving all academic programs. Career Services helps students connect their majors to careers. Drop-in services are available Mondays through Fridays, from 10 a.m. until 3 p.m., to help students with creating resumes and cover letters to connecting with employers.

In addition to supporting students in discovering their career paths, Career Services offers a range of resources and services to guide students at each stage of their career preparation, including the following services:

- Help with career decision making including a website for majors, with corresponding career options, at What Can I Do with My Major? (link to http://www.careerservices.niu.edu/careerservices/career-resources/what-you-can-do.shtml)
- Online postings for internships and full-time positions through the Huskies Get Hired system at www.gethired.niu.edu
- Drop-in and online resume and cover letter reviews
- Career testing
- University-wide career fairs
- Networking for students with employers
- Practice Interviews

Career Services staff members also assist students in their searches for internships, off-campus part-time and full-time employment. Visit our website at CareerServices.niu.edu.

Career Services is located in the Campus Life Building, Room 220, and is open Monday-Friday from 8:00 a.m. to 4:30 p.m. More information about Career Services may be obtained online at www.niu.edu/careerservices or by calling 815-753-1642.

Child Development and Family Center

Campus Development and Family Center will be merging with the Child Development Lab to offer NIU students, faculty, and staff full- and part-time expanded child care for children ages 3 months - 5 years. These centers are accredited by the National Association for the Education of Young Children, and have a Gold rating through ExceleRate Illinois, which serves as an indicator of a high-quality program. The centers are staffed with qualified teachers along with student workers, graduate students and students participating in their practicum experience. The center is open Monday through Friday, 7:15 a.m. to 5:30 p.m. during the fall, spring, and summer sessions. Full-time child care is also available between semesters for those who need year-round child care. Our preschool program is open to the community, no NIU affiliation needed. For more information, please call 815-753-0125 or visit niu.edu/ccc.

Counseling and Consultation Services

Counseling and Consultation Services provides comprehensive mental health support for currently enrolled students at Northern Illinois University. As a department in the Division of Student Affairs, CCS is the designated campus counseling center for NIU students. We are a team of trained professionals committed to improving the mental health of students as they work to achieve their academic and personal goals.

Services include:

- Individual and Group Counseling
- Crisis Intervention and referral
- Substance Use Intervention and education programs
- Anger Workshops
- Advocacy and Referral Services
- Workshops on various topics (in residence halls, classes and other settings)
- Consultation (regarding mental health issues, programming, and organizational development)
- Training for graduate students

For more information, visit www.niu.edu/counseling, or call 815-753-1206.

Disability Resource Center

The Disability Resource Center has been designated by the university to determine appropriate disability accommodations for NIU students in consultation with several entities. Decisions for accommodations are based on the student's clarification about specific needs and barriers to success as well as past history, and documentation as needed from a qualified care provider.

Students who are seeking resources to learn about campus access or to request reasonable accommodations related to academic or residential concerns, should contact the Disability Resource Center on the fourth floor of the Health Services Building. Staff at the DRC may be reached at: 815-753-1303; email: drc@niu.edu; or visit the website at www.niu.edu/disability.

By providing support services for students with disabilities, the University is in compliance with Section 504 of the Rehabilitation Act of 1973; the Americans with Disabilities Act of 1990; and the Americans with Disabilities Act Amendments Act of 2008.

Gender and Sexuality Resource Center

The Gender and Sexuality Resource Center (GSRC) acknowledges the historical impacts of women and lesbian, gay, bisexual, transgender and/or queer (LGBTQ+) identities and provides a home away from home for all persons, inclusive of sexual and gender identities, and **all** forms of masculinity and femininity.

The GSRC serves as a central location for resources and support where acceptance of intersectional identities is encouraged and celebrated. Through student leadership development, advocacy, campus and academic engagement, and professional development opportunities, we collaborate with community, state, and national partners, alumni and other stakeholders to challenge societal constructs of gender and sexuality norms and promote social justice. The center offers a relaxing place to meet people, study, research, and get connected with supportive staff and peers. A lending library of books, on a range of gender and sexuality topics, computer stations for student use, and a variety of free brochures and handouts are available. Internships at the undergraduate and graduate levels are available.

Information Technology Services

AnywhereApps provides course-specific software for desktops and mobile devices, free of charge to students. AnywherePrints makes printing, copying, and scanning available at locations throughout campus. Students submit print jobs from anywhere they have an internet connection and retrieve them at a campus printer of their choice.

Currently enrolled students have a free subscription to Microsoft Office 365 and the full Microsoft Office suite including Microsoft Word, Excel, PowerPoint and more. The software can be installed multiple times on desktops, laptops, tablets, and smartphones. Statistical analysis packages such as SAS and SPSS and some curriculum-specific software are also available in all labs.

NIU offers wired data connections to all buildings on all campuses and wireless coverage on the DeKalb campus for both authenticated and guest users.

NIU students have access to computers for research, instruction, and individual use in academic departments, classrooms, and student computing labs. Depending on the department and the location, labs contain both Windows and Macintosh computers and many offer adaptive technologies for students with disabilities.

The Division of Information Technology (DoIT) Service Desk offers support for NIU's network and student systems and is available 24/7/365 at it.niu.edu or 815-753-8100. The Technology Support Desk on the first floor of Founders Library provides walk-in assistance for computer virus removal, laptop and smartphone problems, password issues, email and enterprise application support, and many other technology-related questions.

For more information, visit DoIT.niu.edu.

International Student and Faculty Office

The International Student and Faculty Office provides a variety of services for international (foreign) students and faculty. For further information see the "International Affairs" section of this catalog.

Latino Resource Center

The Latino Resource Center (LRC) offers a variety of services to assist, encourage, and inspire NIU Latino students to engage and succeed in their pursuit of learning; and to grow as campus and community leaders. Some of the services available include retention programs such as De Mujer a Mujer: Latina Assistance Program (LAP), Adela de la Torre Honor Society (ATHS), Latino graduation ceremony, and Mentoring and Engaging thru Academic Success (METAS). The LRC also provides cultural and social programming and makes referrals to appropriate offices for information and assistance with academic, social, and career opportunities. The LRC houses a top-of-the-line computer laboratory (serving as an Anywhere printing site), wireless Internet connections, library, and meeting rooms for student use. For more information, visit www.niu.edu/lrc or contact the center at 815-753-1986.

Military and Post-Traditional Student Services

In October 2015, the offices of Military Students Services (MSS) and Off-Campus and Non-Traditional Student Services (OCNTSS) merged to create Military and Post-Traditional Student Services (MPTSS). Military and Post-Traditional Student Services is designed to support and enhance the educational, interpersonal, and social experiences of veteran, off-campus, commuter, transfer, and non-traditional students. The office aims to help support students on the path to graduation by providing educational and social programmatic support, individual and collective advocacy, and, in the case of veterans, processing federal and state benefits for those who served and their dependents. The office also has a lounge in the basement of the Holmes Student Center for students to come and relax between classes, have lunch, study, or chat with other students. The lounge space includes comfortable furniture, a microwave, a full-sized refrigerator, a television, and computers for students to use. The staff assists students in getting connected with necessary services or navigating particular issues. For more information about MPTSS visit http://www.niu.edu/mptss, call 815.753.9999/0691, or stop by Holmes Student Center 023K or Campus Life Building 240.

Office of the Ombudsperson

All members of the university community may consult the Office of the Ombudsperson for neutral and confidential assistance and advice regarding university-related concerns. The office provides assistance for any type of university matter, including academic, financial, housing, consumer, work-related, or interpersonal issues.

Members of the office staff will listen to concerns, discuss options, and offer suggestions and advice from an objective point of view that may assist in the resolution of the concern. Distinctive services of the office include clarification of university policies and procedures, advice regarding appropriate strategic approaches and specific direction, and referral to appropriate individuals and offices on campus.

As designated neutrals, staff members in the office are prohibited from advocating on behalf of any individual but can suggest others who can serve as potential advocates if necessary. Due to the strictly confidential nature of communications with the Office of the Ombudsperson, disclosures to the office do not constitute notice to the university.

The Office of the Ombudsperson is located in the Holmes Student Center, Room 601. Services are free of charge and appointments may be made by calling 815-753-1414. Visit the office website www.niu.edu/ombud for additional information.

Office of Student Engagement and Experiential Learning

The Office of Student Engagement and Experiential Learning (OSEEL) provides undergraduate students with opportunities to engage in hands-on learning leading to the development of vital skills in critical thinking, communication, and decision-making. The OSEEL focuses on three areas: undergraduate research, service learning and engagement conferences. Research opportunities include Research Rookies, Student Engagement Fund, Undergraduate Special Opportunities in Artistry and Research, the Summer Research Opportunities Program and the Research, Engagement and Academic Diversity Grant. Service learning initiatives include Huskie Service Scholars, Huskie Alternative Breaks and the Service Learning Faculty Fellows Program. Engagement conferences include Undergraduate Research and Artistry Day, the Community Engagement Showcase, the Summer Research Symposium and the Undergraduate Student Engagement Travel grant. For more information about the OSEEL programs and initiatives, visit www.oseel.niu.edu/engagedlearning/.

Engage PLUS is also a program housed in OSEEL. Engage PLUS, part of the NIU PLUS program and provides students with an opportunity to earn transcript notation for rigorous experiences in the following categories: artistry, career related work experiences, experiential learning, leadership, service learning, and undergraduate research. To learn more go to www.niu.edu/plus.

Office of Testing Services

The Office of Testing Services provides a variety of services to students and faculty. This office administers many of the tests associated with undergraduate admissions, course placement, credit by examination, departmental qualification requirements, and admission to graduate and professional schools.

Testing Services maintains files of test scores and serves as the campus location to which scores on tests taken at other institutions or test centers may be directed. Included in this group are scores on the Advanced Placement Program examinations and College Level Examination Program (CLEP) examinations.

Orientation and Enrollment

An orientation program is required of all new undergraduate students (first-year, transfer, and postbaccalaureate) enrolling in on-campus courses. These programs introduce students and family members to university programs, services, and facilities and describe some of the varied aspects of college life. Academic advising, and registration information are included as part of the program.

Off-Campus and Online Students. New undergraduate students (transfers and post-baccalaureate) who will enroll only in off-campus courses are not required to attend an orientation session, but academic advising is required prior to course registration.

Parking

Parking permits are required on campus unless pay parking is utilized. Parking facilities are limited and controlled. Parking lots are color-coded; all vehicles, including motorcycles and mopeds, must display an appropriate permit. Special parking privileges are extended to handicapped persons and to individuals who are temporarily disabled. For further information, contact Campus Parking Services, in the Durand Building, 121 Normal Road, located on the corner of Normal Road and Lincoln Terrace at 815-753-1045.

Fifteen-minute loading and unloading spaces are located throughout campus and require no special identification other than the use of the vehicle's emergency flashers.

Recreation Services

Fee-paying NIU students on the DeKalb campus are automatically members of Campus Recreation for that semester. Campus Recreation also offers affordable memberships for students who have not paid NIU DeKalb campus fees and students' families and significant others. Current memberships with Campus Recreation include access to the Student Recreation Center, the Chick Evans Field House, Anderson and Gabel pools, the Outdoor Recreation Sports Complex, and New Hall and Gilbert Hall Fitness Rooms during Open Recreation hours. Within those facilities, members are able to take advantage of:

- Cardio and strength training rooms and equipment
- Exercise boxing area
- Racquetball/wallyball courts
- Multipurpose courts (basketball, volleyball, indoor tennis, badminton, floor hockey, indoor soccer, etc.)
- Indoor tracks
- Locker rooms with dry saunas
- Sports equipment check-out

- Open and lap swimming at pools
- One group cardio equipment orientation
- One group strength training session
- Nutrition consultations--healthy eating habits are critical to achieving wellness. Interns help determine calorie requirements needed to achieve an individual's weight goal and assist with food planning.
- New Hall and Gilbert Hall Fitness Centers
- Outdoor basketball courts
- Natural and artificial sports fields to accommodate: softball, baseball, flag football, lacrosse, soccer, ultimate Frisbee, and Quidditch.

Campus Recreation offers numerous recreation programs and services at affordable rates:

- Group Fitness Classes--trained instructors offer over 35 classes weekly and incorporate a unique blend of strength and conditioning exercise to give participants workouts that creates results.
- Personal Training--nationally certified trainers design and implement a program to meet your needs.
- The Outdoor Adventure Center has a complete line of outdoor gear rentals such as canoes, kayaks, life-jackets, cross country skis, ice skates, tents, sleeping bags, roller blades, outdoor sport equipment, etc.
- Adventure trip leaders coordinate a variety of outdoor pursuits such as hiking, canoeing, backpacking, rock climbing, and caving.
- 31 sports clubs which practices and competes against other universities.
- Aquatics--swimming lessons, stroke clinics, and lifeguard certification classes are offered.

For more information regarding employment, programs, and services please contact Campus Recreation at 815-753-0231, e-mail at CampusRecreation@niu.edu, or visit our website at www.niu.edu/campusrec/.

Students' Legal Assistance Office

Two Illinois attorneys and their staff provide legal information, court representation, and assistance to eligible fee-paying NIU students. The office handles a large variety of cases including landlord-tenant, criminal misdemeanor, traffic, consumer, discrimination, personal injury, employer-employee, public benefits, and domestic relations. It is preferred that appointments be made. The office is located in the Campus Life Building Room 120 and can be reached by calling 815-753-1701 or by visiting www.niu.edu/legal and filing out the online intake form.

The office is funded by the NIU Student Association. The attorneys are prevented by their contracts and the Code of Professional Ethics from handling matters relating to NIU and matters between NIU students. Persons able to procure private counsel are not eligible for litigational representation.

In addition to its direct legal services, the lawyers have developed an extensive "preventative-law" program designed to prevent problems through community education. Handout materials include a *Dispute Resolution Handbook, Landlord/Tenant Handbook, Used Car Buyer's Guide, Traffic Ticket Handbook, Preventing Sexual Assault Handbook* and various forms including an apartment condition report, subleases, and roommate agreements. There is extensive information regarding many legal issues on the website at www.niu.edu/legal.

Other Campus Human Service Agencies

The School of Family and Consumer Sciences **Child Development and Family Center** (CDFC) (Gabel Hall, Rooms 169-170, 815-753-1150) is accredited by the National Association for the Education of Young Children and is recognized by ExceleRate Illinois as a Gold Circle center, the highest level of quality. The CDFC provides high quality child care programs for children ages 8 weeks to 6 years. Enrollment in all programs is open to the university and DeKalb communities, with full-day enrollment throughout the year while NIU is open. Children are enrolled based on available space, time of request, and their age. Assessment of each child's readiness for a group experience is made in early contacts. The facility is licensed by the Illinois Department of Children and Family Services for 44 children, and is a research and training facility for child development majors sponsored by the School of Family and Consumer Sciences. For more information, contact the Child Development and Family Center.

The **Community Counseling Training Center** (Graham Hall 416; 815-753-9312) is a counseling and training clinic, providing free counseling services to children, adults, couples, and families of NIU and the surrounding communities. Counselors are advanced graduate counselors-in-training working under the supervision of NIU Counseling Faculty, who are Counselor Educators and Licensed Clinical Professional Counselors, Licensed Professional Counselors, or Professional Educator Licensed School Counselors. Counseling involves supporting clients in personal growth and the resolution of emotional challenges, as well as with academic and career concerns. Services provided include individual counseling, play therapy, couples counseling, family counseling, group counseling, and psychoeducational and career counseling. To request counseling services, you can visit their office or the Community Counseling Training Center website.

The **Couple and Family Therapy Clinic** (Wirtz Hall, Room 161, 815-753-1684) provides counseling for couples, families, children, and individuals to those affiliated with NIU and residents who live in the surrounding communities of Northern Illinois. The therapists are graduate student therapists under the direct supervision of licensed marriage and family therapist faculty, who are also Approved Supervisors through the American Association for Marriage and Family Therapy. The graduate program in marriage and family therapy is accredited by the Commission on Accreditation for Marriage and Family Therapy Education. The facility and program are part of the School of Family and Consumer Sciences in the college of Health and Humans

Services. For more information, visit our website: http://www.chhs.niu.edu/clinics/couple-family-therapy/index.shtml.

The **Physical Therapy Clinic** (Family Health, Wellness and Literacy Center, 3100 Sycamore Road, 815-752-2675, ptc@niu.edu) offers a comprehensive program of evaluation and treatment for individuals with acute and chronic musculoskeletal conditions and balance/dizziness assessments and treatment. The clinic is a program of the School of Allied Health and Communicative Disorders and accepts most insurance plans.

The **Psychological Services Center** (Psychology Building, Room 86, 815-753-0591) offers psychotherapy and psychological evaluation services for individuals, couples, children and families from the general community as well as NIU. For full-time NIU students, therapy is free of charge; evaluations are at a reduced flat fee. For military-connected students, extensive assessment (e.g., disability claims, attention/learning issues) is available at very low or no cost. Clients from the local community pay according to a sliding fee scale for therapy and evaluations. The center is staffed by faculty and doctoral students in clinical and school psychology in the Department of Psychology.

The **Speech-Language-Hearing Clinic** (Family Health, Wellness and Literacy Center, 3100 Sycamore Road, 815-753-1481, slhc@niu.edu) offers a comprehensive program of evaluation and treatment for individuals with a hearing concern, tinnitus, dizziness/balance or concussion-related issues, as well as speech, language, cognitive communication and swallowing disorders. Hearing aids and cochlear implants, accessories, and repairs are available. The clinic is a program of the School of Allied Health and Communicative Disorders and accepts most insurance plans.

Regional Programs

The university's courses at regional sites are taught by university faculty and are available to students meeting the standards and prerequisites of courses taught in DeKalb. Baccalaureate degree completion programs are scheduled at regional sites at times and places convenient for adult students who generally are able to pursue degree work on only a part-time basis.

Northern Illinois University, in collaboration with regional community colleges, offers bachelor's degree completion programs in high-impact disciplines such as applied management in public safety and computer science, business administration, education, health and human sciences, industrial technology, and nursing. Degree-completion opportunities are designed to articulate with A.A., A.S., and A.A.S. degrees. Affordable off-campus classes are offered evenings and weekends at NIU Outreach Centers in Hoffman Estates, Naperville, and Rockford; on the campuses of partner community colleges; and online; providing flexible options for working adults, regardless of where they earned previous college credit. Northern Illinois University has formal partnership agreements with the College of DuPage, the College of Lake County, Elgin Community College, Harper College, Rock Valley College, and Waubonsee Community College.

Students admitted to NIU as degree-seeking students as well as visiting students and non-degree students may enroll in courses offered at regional sites. Adult students who are exploring various disciplines and testing their resolve before formal commitment to a degree program are also welcome in these courses, as are adults who wish to pursue nondegree courses for personal and professional development. Courses are taught in several community college districts, including DuPage, Harper, Elgin, Joliet, Oakton, Rock Valley, and Waubonsee.

Rapidly developing technologies, new discoveries emerging from research, and expanding knowledge in every field make continuing education and development a necessity for professionals who wish to maintain competency on a level equal to that of their most recently graduated colleagues. The extending of university resources to public groups sometimes takes the form of providing updating and refresher courses to practicing professionals who want to stay current with the latest developments in their fields. Sometimes professionals in one field need the practical knowledge and informed theory of another field. To meet such diverse needs, outreach staff in the colleges and staff in the division of Outreach, Engagement, and Regional Development identify and consult with faculty to develop and present instruction in the format most appropriate to particular groups of professionals.

The university provides professional development experiences in a variety of appropriate formats such as one-day workshops, seminars, conferences, training programs, short courses, guided individual study courses, and consultations. Enlisting the instructional and research expertise of the diverse university faculty, the outreach and programming staff match these resources with the articulated needs of practicing professionals in Illinois. Many of these short courses are tailored to meet the professional needs of a particular agency or business. Others are offered more broadly, attracting participants from across professions, communities, and companies.

Regional centers: NIU Naperville and NIU Rockford

The NIU Regional Centers at Naperville and Rockford are multi-purpose, providing space for NIU academic programs, corporate conference space, and university-community engagement functions. These facilities provide daytime space to businesses, organizations, and associations in a professional environment ideal for training sessions, meetings, and special events. As regional sites, the Naperville and Rockford centers provide evening and Saturday classroom and computer laboratory space for NIU's academic programs. The credit courses typically available at the centers are offered at the graduate level and the upper-division, undergraduate level.

Offices on NIU's DeKalb campus handle all admissions, registration, advising, class scheduling, class materials, and

specific information regarding classes offered at all regional site locations.

The Lorado Taft Field Campus

The 140-acre Lorado Taft Field Campus is located approximately 35 miles west of DeKalb near the city of Oregon, Illinois. This Field Campus, adjacent to the Lowden Memorial State Park, is nestled in a hilly and heavily wooded area on the east side of the Rock River, which was formerly the site of the Eagle's Nest Art Association. The buildings in this scenic area are equipped for year-round use. The area is ideal for practical natural laboratory work and study of various aspects of environmental education not available in the traditional classroom. The facilities of the Lorado Taft Field Campus may also be used for meetings, conferences, workshops, and retreats by other university-related groups on a space-available basis at a modest cost.

College of Business

Dean: Balaji Rajagopalan, Ph.D.
Associate Dean: Daewoo Park, Ph.D.

Programs leading to the degree Bachelor of Science (B.S.) are offered in all departments in the College of Business and are accredited by AACSB International-The Association to Advance Collegiate Schools of Business.

Inquiries concerning guidelines for the College of Business should be directed to the Office of Undergraduate Advising and Student Resources.

Department Names and Undergraduate Programs Offered

Department of Accountancy
B.S. in accountancy

Department of Finance
B.S. in finance

Department of Management
B.S. in management
B.S. in business administration

Department of Marketing
B.S. in marketing

Department of Operations Management and Information Systems
B.S. in operations and information management

College Mission Statement

Create knowledge; transform business; and develop principled, adaptable global citizens through innovative active learning and personalized experiences.

College Learning Competencies and Objectives

Learning Competency 1: Our graduates will integrate and apply **Functional and Foundational Business Knowledge**.

> Learning Objective 1: College of Business graduates will solve business issues by integrating knowledge of business disciplines and applying problem solving frameworks.
> Learning Objective 2: College of Business graduates will apply technology to manage data for effective business decision making.
> Learning Objective 3: College of Business graduates will examine implications of conducting business across global cultures and contexts.

Learning Competency 2: Our graduates will demonstrate **Leadership and Professional Skills.**

> Learning Objective 4: College of Business graduates will influence, motivate, and collaborate to achieve a common goal.
> Learning Objective 5: College of Business graduates will communicate business information clearly and persuasively.

Learning Competency 3: Our graduates will recognize how **Ethical Norms** impact decision making.

> Learning Objective 6: College of Business graduates will apply an Ethical Framework to a business issue.

Career Compass

Students will complete an assessment of their interests, skills, and motivators. Based on this assessment and in conjunction with the college developmental advising program, students will connect personal characteristics to the College of Business majors and business career paths to solidify major selection.

Passport to the Business World

Passport is a non-credit program required for all students who are pursuing a major in business. Passport helps students become aware of the variety of co-curricular options the College of Business has to offer outside the classroom as well as course electives that particularly strengthen the likelihood of a student's eventual success in the "real world." Before graduation, students are required to participate in activities in each of these areas: Professional Communication, Diversity and Inclusion, Citizenship, Ethics, Experiential Learning, Global, and Leadership.

Limited Retention Requirements

All majors in the College of Business are limited retention to assure students' continuing competence. Students who want to continue their enrollment in the College of Business must fulfill the College of Business Limited Retention criteria.

All business majors must complete the Fundamental Business Requirements with a minimum grade of C or equivalent.

Students must meet MGMT 335 requirements to transition to departmental advising and specific major course work. Consult your advisor for course planning.

To enroll in 400-level business courses students must earn a C or better in FINA 320, MGMT 335, MKTG 295, and OMIS 338.

Additional retention requirements for each major can be found under Department Requirements.

Additional Requirements

The major portion of the professional business courses must be taken during the junior and senior years.

Students may be allowed to audit a business course with permission from the Office of Undergraduate Advising and

Student Resources; however, enrollment preference goes to students who are taking course work for credit.

Students may enroll in a business course no more than twice without permission.

A minimum of 6 semester hours of credit in senior (400-level) courses required in the major must be earned at NIU.

Transfer Credit in the College of Business

Students who plan to transfer to NIU and major in an area of business should have taken as many of the lower-division Fundamental Business Requirements as possible. Students should not take the equivalents of any 300- or 400-level business courses restricted to juniors and seniors while enrolled at transfer institutions.

Undergraduates Completing Phase One Requirements for an Advanced Degree in Business

Students who plan to pursue a graduate degree in business at NIU may satisfy most of the Phase One requirements as a result of their successful completion of an undergraduate business degree or a business minor. Contact the degree-granting department or office in the College of Business to determine what restrictions apply to Phase One course work.

Dean's List Criteria

Through the Dean's List, the College of Business recognizes undergraduates whose academic performance has been outstanding. The Dean's List recognizes those students who achieve a GPA of 3.75 or higher (on a 4.00 scale) while completing a minimum of 12 graded semester hours within a fall or spring semester.

Minor

Minor in Business Administration (36-41)

The minor in business administration is available only to NIU non-business students in good academic standing. Students should declare the business administration minor as early in the semester as possible.

Students should consult with an adviser in the Office of Undergraduate Advising and Student Resources, Barsema 201, for advisement.

Check departmental information for additional requirements.

Requirements (36-41)

- ACCY 206 - Introductory Financial Accounting Credits: 3
  and
- ACCY 207 - Introductory Cost Management Credits: 3
  or
- ACCY 288 - Fundamentals of Accounting Credits: 3
  (ACCY 288 is the preferred requirement over ACCY 206 and ACCY 207.)
- ECON 260 - Principles of Microeconomics Credits: 3
  (Available for general education credit.)
- MGMT 217 - Legal Environment of Business Credits: 3
- OMIS 259 - Introduction to Business Information Systems Credits: 3
  Available for general education credit.
- PSYC 102 - Introduction to Psychology Credits: 3
  (Available for general education credit.)

One of the Following (3-4)

All of the following courses are available for general education credit.

- MATH 210 - Finite Mathematics Credits: 3
- MATH 211 - Calculus for Business and Social Science Credits: 4
- MATH 229 - Calculus I Credits: 4
  (whichever is taken first)

One of the Following (3-4)

- STAT 200 - Elementary Statistics Credits: 4
- STAT 300 - Introduction to Probability and Statistics Credits: 3
- UBUS 223 - Introduction to Business Statistics Credits: 3

Three of the Following (9)

- FINA 320 - Principles of Finance Credits: 3
- MGMT 333 - Principles of Management Credits: 3
- MKTG 295 - Principles of Marketing Credits: 3
- OMIS 338 - Principles of Operations Management Credits: 3

Upper-division courses (6)

- Two upper-division courses in accountancy, finance, management, marketing, or operations management and information systems (6). Prerequisites for all upper-division courses must be met prior to enrollment.

Fundamental Business Requirements

Required of All Business Majors

Fundamental Business Requirements (52-55)

Fundamental Business Requirement Courses

- ACCY 206 - Introductory Financial Accounting Credits: 3
- ACCY 207 - Introductory Cost Management Credits: 3
- ECON 260 - Principles of Microeconomics Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- ECON 261 - Principles of Macroeconomics Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- ENGL 203 - Rhetoric and Composition II, Researched Writing in the Domains Credits: 3
  Available for Foundational Studies Writing Requirement.
- OR ENGL 204 - Rhetoric and Composition, Accelerated Researched Writing in the Domains Credits: 3
  OR pass the English Foundational Studies II Examination Credits: 0
- FINA 320 - Principles of Finance Credits: 3
- MATH 211 - Calculus for Business and Social Science Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.
- OR MATH 229 - Calculus I Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.
- MGMT 217 - Legal Environment of Business Credits: 3
- MGMT 335 - Managing Individuals, Teams, and Organizations Credits: 3
- MGMT 468 - Strategic Management in a Global Economy Credits: 3
- MKTG 295 - Principles of Marketing Credits: 3
- OMIS 259 - Introduction to Business Information Systems Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- OMIS 338 - Principles of Operations Management Credits: 3
- OMIS 351 - Information Systems in Organizations Credits: 3
- OR ACCY 310 - Accounting Information Systems Credits: 3
  Accountancy students are required to take ACCY 310.
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- UBUS 100 - Career Compass Credits: 0
  This course is required for freshmen only.
- UBUS 110 - Business in Action Credits: 3
  Available for General Education Credit in the Creativity and Critical Analysis Knowledge domain.
- UBUS 200 - Passport Introduction Credits: 0
- UBUS 223 - Introduction to Business Statistics Credits: 3
- UBUS 288 - Introduction to Business Data and Analytics Credits: 3
- UBUS 400 - Passport Culmination Credits: 0

Accountancy (ACCY)

The Department of Accountancy offers a B.S. degree which prepares its graduates for professional accounting positions in industry, public accounting, government and not-for-profit organizations, or for graduate study. The program provides students with a foundation in all primary areas of the accounting discipline including cost management, financial accounting, accounting information systems, assurance services, and federal income taxes. Students are also provided with the opportunity to develop their communication, technology, and team-building skills; apply their knowledge to structured problems; and develop an understanding of ethical issues and professional conduct in business.

Accountancy Learning Competencies and Objectives

Graduates of the Bachelor of Science in Accountancy program will be prepared for entrance into the profession or graduate study. They are expected to achieve the College of Business Undergraduate Learning Competencies and Objectives and the following Department of Accountancy Learning Competencies and Objectives.

Learning Competency 1: Develop and apply accountancy and business knowledge.

Learning Objective 1: Demonstrate appropriate knowledge of technical accounting concepts.
Learning Objective 2: Identify problems and consider alternative solutions.
Learning Objective 3: Select data and methodology needed to make decisions.
Learning Objective 4: Apply appropriate technology.

Learning Competency 2: Demonstrate professional skills.

Learning Objective 5: Write with clarity and appropriate grammar.
Learning Objective 6: Deliver professional and effective presentations.

Learning Competency 3: Demonstrate awareness of ethical issues in business and accounting.

Learning Objective 7: Articulate relevant codes of conduct and professional standards.

Department Requirements

Retention in the accountancy program is competitive based on a student's overall GPA and grade earned in ACCY 206 or equivalent course. Transcript review must be formally requested by a qualified student by submitting a completed request form. This review must be complete before permission is granted for a student to enroll in any 300- or 400-level ACCY courses. This form can be obtained from the Undergraduate Studies in Business Office or from the Department of Accountancy.

Satisfactory completion of FINA 320, MGMT 335, MKTG 295, and OMIS 338 as evidenced by a grade of C or better is required before an accountancy major is allowed to enroll in any 400-level accountancy course.

Accountancy prerequisites are deemed to be met only by obtaining a grade of C or better. (It is necessary to repeat an ACCY prerequisite in which a grade below C was earned before taking the next course in the sequence.)

Accountancy majors may repeat a maximum of two upper-level ACCY courses (one-credit upper-level ACCY courses are exempted from this policy). Students who want to repeat any ACCY courses will be allowed to enroll in that course only during add/drop if sufficient resources are available.

Upper-level (300-400) ACCY courses will not be accepted from other institutions except with permission of the Department of Accountancy.

To graduate as an accountancy major, a transfer student will be required to take at least 12 semester hours of 300-400 level ACCY courses at NIU.

To graduate as an accountancy major, a student must earn a grade of at least C in each course required in the major, which includes courses in the Fundamental Business Requirements, required ACCY courses, and all electives required for the major.

Internships in Accountancy

The internship (ACCY 473) consists of full-time work experience in an accounting function for ten to thirteen weeks and completion of written and oral reports. Applications are reviewed by the internship coordinator and approved on the basis of professional promise, instructor recommendation, and credit in specified courses. The Department of Accountancy coordinates all academic internships. Students submit resumes and participate in interviews approximately six to twelve months prior to the internship. Spring semester interns have the opportunity to enroll in additional accountancy courses from April to May. More detailed information is available in the departmental office.

Professional Examination Preparation

The accountancy program provides students with the skills necessary to pass the major certification examinations in the accountancy profession, including the Certified Public Accountant (C.P.A.) Examination, the Certified Internal Auditor (C.I.A.) Examination, and the Certified Management Accountant (C.M.A.) Examination. Information about requirements and review courses for all these examinations is available in the department office.

C.P.A. Examination candidates in Illinois are required to complete 150 semester hours of course work and must have earned a baccalaureate degree or higher degree before sitting for the examination. The B.S. program, when combined with the M.A.S. degree, provides students with an excellent background for the C.P.A. Examination.

The Institute of Internal Auditors (IIA) has approved NIU as a participant in IIA's Endorsed Internal Auditing Program. To receive an IIA certificate of completion, a student must have either a B.S. in accountancy from NIU or an M.A.S. degree from NIU. As part of the certificate requirements students must complete ACCY 462, an approved business elective, and an academic internship (ACCY 473) in an internal audit position. A student completing the internal audit course work will have "Completion of internal audit course work as endorsed by the Institute of Internal Auditors" on the official NIU transcript.

Accountancy Faculty

Bradrick M. Cripe, C.P.A., Ph.D., University of Nebraska at Lincoln, professor, Presidential Teaching Professor, Donald E. Kieso Endowed Chair in Accountancy
Meghann A. Cefaratti, C.I.A., Ph.D., Virginia Tech, professor
Natalie T. Churyk, C.P.A., Ph.D., University of South Carolina, professor, William F. Doyle Endowed Professor of Accountancy
Ann C. Dzuranin, C.P.A., Ph.D., University of Florida, associate professor, Dean's Distinguished Professor of Analytics in Accounting
Candice C. Hux, C.P.A., Ph.D., Bentley University, assistant professor
Chih-Chen Lee, C.P.A., Ph.D., Southern Illinois University at Carbondale, professor, William & Dian Taylor Professor of Accountancy
Katrina L. Mantzke, C.P.A., Ph.D., University of Wisconsin, associate professor, Donna Kieso Professor of Accountancy
Linda Matuszewski, C.P.A., Ph.D., University of Cincinnati, associate professor, Dean and Brenda DuCray Professor of Accountancy
Mark J. Mellon, C.P.A., Ph.D., Florida State University, associate professor
Martin J. Ndicu, Ph.D., Mississippi State University, assistant professor
Matthew D. Pickard, C.F.E., Ph.D., The University of Arizona, associate professor
Mark E. Riley, C.P.A., Ph.D., Texas Tech University, Dean and Brenda DuCray Professor of Accountancy, professor
Donald Tidrick, C.I.A., C.M.A., C.P.A., Ph.D., Ohio State University, professor, Deloitte Professor of Accountancy
S. Carol Yu, C.P.A., Ph.D., University of Houston, professor

Majors

Accountancy (B.S.)

Limited Retention Requirements

All majors in the College of Business are limited retention to assure students' continuing competence. Students who want to continue their enrollment in the College of Business must fulfill the College of Business Limited Retention criteria

All business majors must complete the Fundamental Business Requirements with a minimum grade of C or equivalent.

Students must meet MGMT 335 requirements to transition to departmental advising and specific major course work. Consult your advisor for course planning.

To enroll in 400-level business courses students must earn a C or better in FINA 320, MGMT 335, MKTG 295, and OMIS 338.

Additional retention requirements for each major can be found under Department Requirements.

Fundamental Business Requirements (52-55)

- ACCY 206 - Introductory Financial Accounting Credits: 3
- ACCY 207 - Introductory Cost Management Credits: 3
- ECON 260 - Principles of Microeconomics Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- ECON 261 - Principles of Macroeconomics Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- ENGL 203 - Rhetoric and Composition II, Researched Writing in the Domains Credits: 3
  Available for Foundational Studies Writing Requirement.
- OR ENGL 204 - Rhetoric and Composition, Accelerated Researched Writing in the Domains Credits: 3
  OR pass the English Foundational Studies II Examination Credits: 0
- FINA 320 - Principles of Finance Credits: 3
- MATH 211 - Calculus for Business and Social Science Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.
- OR MATH 229 - Calculus I Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.
- MGMT 217 - Legal Environment of Business Credits: 3
- MGMT 335 - Managing Individuals, Teams, and Organizations Credits: 3
- MGMT 468 - Strategic Management in a Global Economy Credits: 3
- MKTG 295 - Principles of Marketing Credits: 3
- OMIS 259 - Introduction to Business Information Systems Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- OMIS 338 - Principles of Operations Management Credits: 3
- OMIS 351 - Information Systems in Organizations Credits: 3
- OR ACCY 310 - Accounting Information Systems Credits: 3
  Accountancy students are required to take ACCY 310.
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- UBUS 100 - Career Compass Credits: 0
  This course is required for freshmen only.
- UBUS 110 - Business in Action Credits: 3
  Available for General Education Credit in the Creativity and Critical Analysis Knowledge domain.
- UBUS 200 - Passport Introduction Credits: 0
- UBUS 223 - Introduction to Business Statistics Credits: 3
- UBUS 288 - Introduction to Business Data and Analytics Credits: 3
- UBUS 400 - Passport Culmination Credits: 0

Requirements in Department (27)

- ACCY 320 - Intermediate Cost Management Credits: 3
- ACCY 331 - Financial Reporting I Credits: 3
- ACCY 332 - Financial Reporting II Credits: 3
- ACCY 360 - Assurance Services Credits: 3
- ACCY 370 - Accounting Career Planning Seminar Credits: 1
- ACCY 375 - Accountancy Writing Lab Credits: 1
  ACCY 375 is a writing infused course.
- ACCY 415 - Data Analytics in Accounting Credits: 3
- ACCY 450 - Taxation of Business Entities and Individuals Credits: 3
- ACCY 470 - Accountancy Advanced Writing Lab Credits: 1
  ACCY 470 is a writing infused course.

One of the following (3)

- ACCY 411 - Advanced Accounting Information Systems Credits: 3
- ACCY 421 - Advanced Cost Management Credits: 3
- ACCY 433 - Financial Reporting III Credits: 3
- ACCY 435 - SEC Reporting and Corporate Governance Credits: 3
- ACCY 439 - Contemporary Issues in Financial Accounting Credits: 3
- ACCY 462 - Internal Auditing Credits: 3
- ACCY 465 - Forensic Accounting/Fraud Examination Credits: 3
- ACCY 467 - Auditing of Accounting Information Systems Credits: 3
- ACCY 480 - Governmental and Not-For-Profit Accounting Credits: 3
- ACCY 482 - International Accounting Credits: 3
- ACCY 490 - Current Topics in Accountancy Credits: 1-3
  Students must take this course for 3 semester hours.

One of the following (3)

- ACCY 411 - Advanced Accounting Information Systems Credits: 3
  If not used to fulfill requirement above.
- ACCY 421 - Advanced Cost Management Credits: 3
  If not used to fulfill requirement above.
- ACCY 433 - Financial Reporting III Credits: 3
  If not used to fulfill requirement above.
- ACCY 435 - SEC Reporting and Corporate Governance Credits: 3
  If not used to fulfill requirement above.

- ACCY 439 - Contemporary Issues in Financial Accounting Credits: 3
  If not used to fulfill requirement above.
- ACCY 462 - Internal Auditing Credits: 3
  If not used to fulfill requirement above.
- ACCY 465 - Forensic Accounting/Fraud Examination Credits: 3
  If not used to fulfill requirement above.
- ACCY 467 - Auditing of Accounting Information Systems Credits: 3
  If not used to fulfill requirement above.
- ACCY 472 - Independent Study in Accountancy Credits: 1-3
  Students must take this course for 3 semester hours.
- ACCY 473 - Internship in Accountancy Credits: 3
  Only 3 semester hours will count toward degree requirements.
- ACCY 480 - Governmental and Not-For-Profit Accounting Credits: 3
  If not used to fulfill requirement above.
- ACCY 482 - International Accounting Credits: 3
  If not used to fulfill requirement above.
- ACCY 490 - Current Topics in Accountancy Credits: 1-3
  If not used to fulfill requirement above.
  Students must take this course for 3 semester hours.
- ACCY 499 - Honors Directed Research in Accountancy Credits: 3

Requirements outside Department (3)

- FINA 410 - Financial Markets and Investments Credits: 3

TOTAL HOURS FOR A MAJOR IN ACCOUNTANCY: 82-85

General Education Requirements (6-12)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-6)

Writing Requirement (0-3)

- 3 credits satisfied by program requirement ENGL 203 or ENGL 204

Oral Communication Requirement (0-3)
Quantitative Literacy Requirements (0)

- Satisfied by program requirement MATH 211 or MATH 229

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domains (6)

Creativity and Critical Analysis (3)

- One 3-credit course selected from approved general education list. Creativity and Critical Analysis Course List
- UBUS 110, a program requirement, fulfills one of the course requirements for the Creativity and Critical Analysis Domain.

Nature and Technology (3)

- One 3-credit course selected from approved general education list. Nature and Technology Course List
- OMIS 259, a program requirement, fulfills one of the course requirements in the Nature and Technology Domain.

Society and Culture (0)

- The program requirements ECON 260 and ECON 261 fulfill the two required courses in this Domain.

Knowledge Domain Elective (0)

- PSYC 102, a program requirement, fulfills the required Domain elective course requirement.

Graduation Requirements (3)

In addition to completing the above major requirements, students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation requirements credits.

Human Diversity Requirements (3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (0)

- ACCY 375 and ACCY 470, program requirements, also fulfill the Writing Infused requirements for graduation.

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS: 9-15

TOTAL HOURS FOR ELECTIVES: 20-29

A student may not count more than 38 semester hours of accountancy toward the 120-semester hour baccalaureate requirement. Students who have already completed the required number of accountancy courses will be allowed to enroll in additional accountancy courses only during add/drop if sufficient resources are available.

TOTAL HOURS FOR A B.S. DEGREE IN ACCOUNTANCY: 120

Finance (FINA)

The Department of Finance prepares its graduates for professional positions in financial management, financial institutions, investments, and capital markets. The B.S. in finance provides students with the opportunity to master the functional areas of finance, including financial management of business enterprises, financial institutions, investment securities, financial assets, and insurable risks. Graduates learn and apply basic analytical and statistical tools used in finance, including accounting skills. Graduates acquire oral and written communication skills through frequent in-class presentations, writing assignments, student organization activities, and internships.

For the first three years of undergraduate study, all finance majors fulfill the same general education and finance core course requirements. In the senior year, as finance majors select a career path, elective courses in investments, banking, and/or the corporate finance area may be taken. Depending upon career path selection, upper-level course work also prepares students to sit for the Level I Chartered Financial Analyst (C.F.A.) examination, the Certified Treasury Professional (C.T.P.) examination, or the Certified Bank Auditor (C.B.A.) examination. All three of these professional certification programs have set global standards for excellence in the world of finance.

Finance Learning Competencies and Objectives

Graduates of the Bachelor of Science in Finance program will be prepared for entrance into the profession or graduate study. They are expected to achieve the College of Business undergraduate learning competencies and objectives and the following Department of Finance learning competencies and objectives:

1. **Demonstrate financial statement analysis skills relevant to assessing a firm's financial condition.**
   The discipline of finance originated as a subset of the field of accountancy. One could even say that in large part finance is the application of economic theory to accounting data. The financial manager is using in his/her analysis the output of accounting processes-financial statements. Thus, it is important that every graduate acquire basic accounting skills and understand the derivation of the accounting data he/she is using. It is important the graduate is able to analyze a firm's financial statements to identify and solve problems.
2. **Use statistical analysis to properly assess financial performance.**
   The concept of risk is fundamental to every functional area of the discipline of finance. The idea of risk, in turn, is inextricable from the mathematical concept of probability; with which the discipline of statistics is concerned. It is therefore imperative that every graduate from the finance program have a firm grasp of statistics, and is able to apply the tools and analyses from statistics to problems related to finance.
3. **Apply appropriate technology to financial scenarios.**
   The practice of modern business, in general, and finance in particular requires that the student be competent with several technological implements. Primary among the tools that graduates must master are the financial calculator and a spreadsheet program such as Microsoft Excel. The students must also be familiar with presentation and word processing applications.
4. **Write with conciseness and clarity for audiences seeking to make informed finance choices.**
   Acquiring the skills necessary to perform advanced statistical and analytical analysis of a financial nature would be virtually useless if one were unable to communicate the results of said analysis to others. Thus it is necessary that graduates have strong written communication skills.

Department Requirements

Retention in the finance major is competitive based on a student's GPA. Transcript review must be formally requested by a qualified student by submitting a completed request form. This review must be complete before permission is granted for a student to enroll in any 300- or 400-level FINA courses. This form can be obtained from the Department of Finance.

Satisfactory completion of the finance core (FINA 330, FINA 340, and FINA 350) and ACCY 306 as evidenced by a grade of C or better in each of these courses is required prior to enrolling in any 400-level FINA course.

To graduate as a finance major or minor, a student must earn a grade of at least a C in each course required in the major or minor, which includes courses in the Fundamental Business Requirements (for the major), required FINA courses, and all electives required for the major or minor.

Internships in Finance

Department of Finance internships take place throughout the year, though summer positions tend to be full time and fall and spring positions tend to be part time. Most interns receive monetary compensation from the employer. These internships are designed for finance majors with junior standing. Satisfactory completion of the finance core and consent of the department internship coordinator are required for admission to an internship. Those students selected for an internship work in a commercial bank, other financial institution or business firm, or government agency during the summer session or a semester before their senior year. Application is made to the internship coordinator. Students are limited to a maximum of 6 semester hours of

internship credit within the College of Business. Course credit, which is S/U, cannot be used to meet departmental elective credit.

Scholarships in Finance

During the fall of each year, the Department of Finance awards monetary scholarships to students majoring in finance who have exhibited outstanding academic performance and the potential for success in finance-oriented careers in business. These scholarships are typically funded by sponsoring organizations such as corporate manufacturers, commercial banks, insurance companies, real estate firms, and other businesses. In evaluating candidates for these scholarships, primary emphasis is given to their overall level of academic achievement as indicated by their GPA, together with their performance in specific finance and finance-related course work.

Chartered Financial Analyst Preparation

The Chartered Financial Analyst (C.F.A.) professional designation is awarded to investment advisers, portfolio managers, and securities research analysts who have a baccalaureate degree and who have successfully completed three examinations in financial and investment analysis. No experience is required to take the examinations, although three years of work experience in investments are necessary to be awarded the C.F.A. charter. Examinations are offered on the first Saturday in June and applications are due on the preceding August 31. It is recommended that finance majors take FINA 440, FINA 445, FINA 446, FINA 455, and FINA 460 in preparation for the C.F.A. examinations. Additional information about the C.F.A. Candidate Program is available from the Department of Finance and from the C.F.A. Institute at www.CFAinstitute.org or 800-247-8132.

Certified Treasury Professional Associate Preparation

The Certified Treasury Professional (C.T.P.) credential, formerly the Certified Cash Manager, is widely regarded by treasury managers as one of the leading credentials in the field. NIU was selected by the Association for Financial Professionals (AFP) as one of the original 10 universities in the nation to participate in the C.T.M. program. NIU students who complete FINA 430 with a grade of B or above may sit for the C.T.P. certification examination. Successful candidates will earn the Certified Treasury Professional Associate (C.T.P.A.) designation. Full C.T.P. certification will be awarded once a student has fulfilled the required two years of full-time treasury work experience. Those students earning the C.T.P.A. designation will have up to five years after the examination date to complete the requirement. Additional information about C.T.P. certification is available from the Department of Finance and from the Association for Financial Professionals at www.afponline.org or 301-907-2862.

Finance Faculty

Gina K. Nicolosi, Ph.D., University of Cincinnati, associate professor, chair
Sina Ehsani, Ph.D., University of Texas, assistant professor
Wenlian Gao, Ph.D., University of Wisconsin-Milwaukee, assistant professor
Leonard L. Lundstrum, Ph.D., Indiana University, professor
Nan Qin, Ph.D., Virginia Tech, assistant professor
Yao Zheng, Ph.D. Univeristy of New Orleans, assistant professor
Lei Zhou, Ph.D., University of Florida, professor

Majors

Finance (B.S.)

Limited Retention Requirements

All majors in the College of Business are limited retention to assure students' continuing competence. Students who want to continue their enrollment in the College of Business must fulfill the College of Business Limited Retention criteria

All business majors must complete the Fundamental Business Requirements with a minimum grade of C or equivalent.

Students must meet MGMT 335 requirements to transition to departmental advising and specific major course work. Consult your advisor for course planning.

To enroll in 400-level business courses students must earn a C or better in FINA 320, MGMT 335, MKTG 295, and OMIS 338.

Additional retention requirements for each major can be found under Department Requirements.

Fundamental Business Requirements (52-55)

- ACCY 206 - Introductory Financial Accounting Credits: 3
- ACCY 207 - Introductory Cost Management Credits: 3
- ECON 260 - Principles of Microeconomics Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- ECON 261 - Principles of Macroeconomics Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- ENGL 203 - Rhetoric and Composition II, Researched Writing in the Domains Credits: 3
  Available for Foundational Studies Writing Requirement.
- OR ENGL 204 - Rhetoric and Composition, Accelerated Researched Writing in the Domains Credits: 3
  OR pass the English Foundational Studies II Examination Credits: 0
- FINA 320 - Principles of Finance Credits: 3
- MATH 211 - Calculus for Business and Social Science Credits: 4

Available for Foundational Studies Quantitative Literacy Requirement.

- OR MATH 229 - Calculus I Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.
- MGMT 217 - Legal Environment of Business Credits: 3
- MGMT 335 - Managing Individuals, Teams, and Organizations Credits: 3
- MGMT 468 - Strategic Management in a Global Economy Credits: 3
- MKTG 295 - Principles of Marketing Credits: 3
- OMIS 259 - Introduction to Business Information Systems Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- OMIS 338 - Principles of Operations Management Credits: 3
- OMIS 351 - Information Systems in Organizations Credits: 3
- OR ACCY 310 - Accounting Information Systems Credits: 3
  Accountancy students are required to take ACCY 310.
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- UBUS 100 - Career Compass Credits: 0
  This course is required for freshmen only.
- UBUS 110 - Business in Action Credits: 3
  Available for General Education Credit in the Creativity and Critical Analysis Knowledge domain.
- UBUS 200 - Passport Introduction Credits: 0
- UBUS 223 - Introduction to Business Statistics Credits: 3
- UBUS 288 - Introduction to Business Data and Analytics Credits: 3
- UBUS 400 - Passport Culmination Credits: 0

Requirements in Department (25)

- FINA 330 - Corporate Finance Credits: 3
- FINA 340 - Investments Credits: 3
- FINA 350 - Financial Markets and Institutions Credits: 3
- FINA 391 - Business Career Planning I Credits: 1
  Finance 391 is a writing infused course.
- FINA 392 - FINA 392 - Business Career Planning II Credits: 1
- FINA 393 - Business Professional Development I Credits: 1
- FINA 394 - Business Professional Development II Credits: 1

Course work from the following (9)

- FINA 429 - Financial Planning Case Studies Credits: 3
- FINA 430 - Treasury and Credit Management Credits: 3
- FINA 435 - Introduction to FinTech Credits: 3
- FINA 440 - Security Analysis and Portfolio Management Credits: 3
- FINA 445 - Security Analysis Practicum Credits: 3
- FINA 446 - Portfolio Management Practicum Credits: 3
- FINA 450 - Commercial Bank Management Credits: 3
- FINA 455 - Analysis of Derivative Securities Credits: 3
- FINA 460 - Analysis of Fixed Income Securities Credits: 3
- FINA 465 - Internal Review for Financial Institutions Credits: 3
- FINA 470 - International Finance Credits: 3
- FINA 474 - Financial Risk Management Credits: 3
- FINA 475 - Financial Modeling Credits: 3
- FINA 480 - Programming for Finance Credits: 3
- FINA 485 - Cases in Financial Decision Making Credits: 3
  FINA 485 is a writing infused course.
- FINA 490 - Finance Research Seminar Credits: 3

Course work from the following (3)

- FINA 429 - Financial Planning Case Studies Credits: 3
  If not used to fulfill requirement above.
- FINA 430 - Treasury and Credit Management Credits: 3
  If not used to fulfill requirement above.
- FINA 435 - Introduction to FinTech Credits: 3
  If not used to fulfill requirement above.
- FINA 440 - Security Analysis and Portfolio Management Credits: 3
  If not used to fulfill requirement above.
- FINA 445 - Security Analysis Practicum Credits: 3
  If not used to fulfill requirement above.
- FINA 446 - Portfolio Management Practicum Credits: 3
  If not used to fulfill requirement above.
- FINA 450 - Commercial Bank Management Credits: 3
  If not used to fulfill requirement above.
- FINA 455 - Analysis of Derivative Securities Credits: 3
  If not used to fulfill requirement above.
- FINA 458 - Internship in Finance Credits: 3
- FINA 460 - Analysis of Fixed Income Securities Credits: 3
  If not used to fulfill requirement above.
- FINA 465 - Internal Review for Financial Institutions Credits: 3
  If not used to fulfill requirement above.
- FINA 470 - International Finance Credits: 3
  If not used to fulfill requirement above.
- FINA 474 - Financial Risk Management Credits: 3
  If not used to fulfill requirement above.
- FINA 475 - Financial Modeling Credits: 3
  If not used to fulfill requirement above.
- FINA 480 - Programming for Finance Credits: 3
  If not used to fulfill requirement above.
- FINA 485 - Cases in Financial Decision Making Credits: 3
  If not used to fulfill requirement above.
  FINA 485 is a writing infused course.
- FINA 490 - Finance Research Seminar Credits: 3
  If not used to fulfill requirement above.
- INTL 401 - Study Abroad Programs Credits: 1-9
- UBUS 485 - Business Consulting Project Credits: 3

Requirements outside Department (3)

- ACCY 306 - Financial Accounting Information for Business Decisions Credits: 3

TOTAL HOURS FOR A MAJOR IN FINANCE: 80-83

General Education Requirements (6-12)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-6)

Writing Requirement (0-3)

- 3 credits satisfied by program requirement ENGL 203 or ENGL 204

Oral Communication Requirement (0-3)
Quantitative Literacy Requirements (0)

- Satisfied by program requirement MATH 211 or MATH 229

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domains (6)

Creativity and Critical Analysis (3)

- One 3-credit course selected from approved general education list. Creativity and Creative Analysis Course List
- UBUS 110, a program requirement, fulfills one of the course requirements for the Creativity and Critical Analysis Domain.

Nature and Technology (3)

- One 3-credit course selected from approved general education list. Nature and Technology Course List
- OMIS 259, a program requirement, fulfills one of the course requirements in the Nature and Technology Domain.

Society and Culture (0)

- The program requirements ECON 260 and ECON 261 fulfill the two required courses in this Domain.

Knowledge Domain Elective (0)

- PSYC 102, a program requirement, fulfills the required Domain elective course requirement.

Graduation Requirements (3-6)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Courses (3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused (0-3)

- FINA 391, a program requirement, fulfills one course requirement.
- If FINA 485, a program option is taken, it fulfills one course requirment.
- If FINA 485 is not taken, one course from the approved Writing Infused list must be taken. Writing Infused Course List

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS: 9-18

TOTAL HOURS FOR ELECTIVES: 19-31

The course subjects listed below are recommended as suitable for many finance majors. The most suitable choices are dependent on each student's particular background, aptitudes, and career goals. Additional recommendations are available on request from the finance area departmental adviser.

- Written and oral business communication: Departments of Communication, English, and Management
- Computer applications and systems analysis: Departments of Computer Science and Operations Management and Information Systems
- Interpersonal skills (i.e., human resources, industrial psychology): Departments of Management, Psychology, and Sociology
- Financial information: Department of Accountancy
- Mathematical and business quantitative methods: Departments of Mathematical Sciences and Operations Management and Information Systems

TOTAL HOURS FOR A B.S. DEGREE IN FINANCE: 120

Minor

Minor in Finance (24-25)

Admission to the minor in finance is competitive. This minor is suggested for students with an interest in finance who have good analytical skills.

Students wishing to apply for the minor in finance must fill out an application (available in the Department of Finance).

Check departmental information for any additional requirements.

Pre-admission Requirements (6-7)

Students must have consent of the Department of Finance, and a grade of C or better in the following courses.

- ACCY 206 - Introductory Financial Accounting Credits: 3
- OR ACCY 288 - Fundamentals of Accounting Credits: 3
- UBUS 223 - Introduction to Business Statistics Credits: 3
- OR STAT 200 - Elementary Statistics Credits: 4
- OR STAT 300 - Introduction to Probability and Statistics Credits: 3

Requirements (18)

- ACCY 306 - Financial Accounting Information for Business Decisions Credits: 3
- FINA 320 - Principles of Finance Credits: 3
- FINA 330 - Corporate Finance Credits: 3
- FINA 340 - Investments Credits: 3
- FINA 350 - Financial Markets and Institutions Credits: 3

And one of the following (3)

- FINA 429 - Financial Planning Case Studies Credits: 3
- FINA 430 - Treasury and Credit Management Credits: 3
- FINA 435 - Introduction to FinTech Credits: 3
- FINA 440 - Security Analysis and Portfolio Management Credits: 3
- FINA 445 - Security Analysis Practicum Credits: 3
- FINA 450 - Commercial Bank Management Credits: 3
- FINA 455 - Analysis of Derivative Securities Credits: 3
- FINA 460 - Analysis of Fixed Income Securities Credits: 3
- FINA 465 - Internal Review for Financial Institutions Credits: 3
- FINA 470 - International Finance Credits: 3
- FINA 474 - Financial Risk Management Credits: 3
- FINA 475 - Financial Modeling Credits: 3
- FINA 480 - Programming for Finance Credits: 3
- FINA 485 - Cases in Financial Decision Making Credits: 3 FINA 485 is a writing infused course.
- FINA 490 - Finance Research Seminar Credits: 3

Certificate of Undergraduate Study

Finance (9)

This certificate is designed for non-finance business majors to study intermediate-level finance topics. Building on the basic finance concepts introduced in FINA 320, this certificate will provide students with more in-depth coverage of the three major areas of finance: Investment, Corporate Finance, and Financial Markets and Institutions. This certificate is designed to help non-finance majors to incorporate financial perspectives in their decision making and to understand the impact of evolving financial markets on corporations.

Admission to the certificate program is competitive based on GPA and is consistent with the limited admission standards for the finance major and minor. To earn the certificate, students must have a grade of C or above for each required course. All certificate courses must be completed within four academic years. No transfer credits may be applied toward the certificate.

Interested students should apply no later than the beginning of their final semester prior to graduation. Applications are available in the Department of Finance.

Required Courses:

- FINA 330 - Corporate Finance Credits: 3
- FINA 340 - Investments Credits: 3
- FINA 350 - Financial Markets and Institutions Credits: 3

Financial Planning (15)

This certificate is designed for any major interested in preparing for a career in financial planning. Based on the Certified Financial Planner curriculum, this certificate will cover major financial planning areas: Personal Finance, Insurance, Investment, Retirement Planning, Estate Planning, and Financial Plan Development.

Admission

Admission to the certificate program is competitive based on GPA and is consistent with the limited admission standards for the finance major and minor. To earn the certificate, students must have a grade of C or above for each required course. All certificate courses must be completed within four academic years. No transfer credits may be applied toward the certificate.

Interested students should apply no later than the beginning of their final semester prior to graduation. Applications are available in the Department of Finance.

Required courses

- FINA 315 - Personal Investing and Finance Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- FINA 326 - Insurance Principles Credits: 3
- FINA 340 - Investments Credits: 3
- FINA 427 - Retirement and Estate Planning Credits: 3
- FINA 429 - Financial Planning Case Studies Credits: 3

FinTech (12)

This certificate provides students with a set of courses focused upon technology-enabled applications that disrupt financial sector operations. Such innovations can disrupt industry structures, revolutionize service portfolios and product delivery, create new opportunities for venture capital and growth, as well as introduce a new wave of privacy and regulation concerns. Examples that are central to FinTech include cryptocurrencies and the blockchain, digital advisory and trading systems, artificial intelligence and machine learning, peer-to-peer lending, equity crowdfunding and mobile payment systems. Employers looking for students with skill sets in this area include banks, consulting firms, financial technology, and investment firms. The certificate is a non-degree program open to all students admitted to degree and non-degree study at Northern Illinois University. Some courses may have prerequisites that are not part of the certificate curriculum.

Applications are available in the Department of Finance. Students must be in good academic standing to be eligible.

Required Courses (6)

- FINA 435 - Introduction to FinTech Credits: 3
- FINA 475 - Financial Modeling Credits: 3

Six semester credit hours to be selected from the following courses (6)

Or courses from among relevant undergraduate offerings elsewhere in the university with approval of the academic program coordinator.

- FINA 480 - Programming for Finance Credits: 3
- OR CSCI 240 - Computer Programming in C++ Credits: 4
- OMIS 324 - Introduction to Business Data Analytic Tools Credits: 3
- OMIS 452 - Database Management for Business Credits: 3
- OMIS 472 - Introduction to Business Intelligence Credits: 3
- OMIS 473 - Data Visualization for Business Credits: 3
- OMIS 474 - Digital Analytics Credits: 3
- OMIS 482 - Predictive Business Analytics Credits: 3

Accelerated Integrated Degree

Accelerated B.S. in Finance/M.S. in Finance

Admission

This program leads to both the B.S. in Finance and M.S. in Finance degrees. Students who want to complete this program must identify themselves to the Department of Finance as majors who will complete the accelerated program. The program is open to all undergraduates who major in Finance and have at least 90 semester hours of undergraduate course work with a minimum grade point average of 3.00. Students who have met these standards in their B.S. in Finance degree program must also apply for admission to the M.S. in Finance program under the special provisions of this program and meet the application deadline. To qualify for this program, applicants must have a B or higher in FINA 320 and UBUS 223 and participate in an oral interview with the department chair or designated representative of the M.S. in Finance program. Admission will be on a competitive basis.

Curriculum

Students must complete all the business core requirements for the B.S. in Finance degree program as well as all general education requirements, FINA 330, FINA 340, and FINA 350, prior to their taking classes in the M.S. in Finance program. Once admitted into the B.S. in Finance/M.S. in Finance program and having completed all course requirements for entry, students will start taking classes in the M.S. in Finance program (up to 15 semester hours) which will also count toward 15 semester hours in the undergraduate degree. Upon receiving their undergraduate degree, students will then follow the standard timetable for receiving a M.S. in Finance.

Management (MGMT)

The Department of Management offers B.S. degrees in management and in business administration; minors in business innovation and entrepreneurship, and social entrepreneurship; and an undergraduate certificate in social entrepreneurship.

Internship in Management

Management majors of junior standing are encouraged to apply for an internship. Applications are evaluated by the departmental chair and internship coordinator on the basis of a minimum 2.75 overall GPA and a 3.00 GPA or above in the major, references from the department, rapport with and recommendations from the business community, and relevance of the proposed internship to professional career needs. Internships of variable S/U credit hours (1-6) can be arranged. Internships are available through participating

enterprises and student professional organizations. All internships are approved by the department and supervised by the internship coordinator. Additional information for submitting applications and preparing proposals is available in the department office.

Management Faculty

Jon P. Briscoe, D.B.A., Boston University, professor, chair
James P. Burton, Ph.D., University of Washington, professor
Bethany S. Cockburn, Ph.D., University of Iowa, assistant professor
Amanda J. Ferguson, Ph.D., London Business School, associate professor
Furkan A. Gur, Ph.D., Louisiana State University, associate professor
Lan Li, Ph.D., Virgina Polytechnic Institute and State University, professor
Sarah J. Marsh, Ph.D., University of North Carolina, associate professor
Brian W. McCormick, Ph.D., University of Iowa, associate professor
Timothy L. Michaelis, Ph.D., North Carolina State University, assistant professor
Eric J. Michel, Ph.D., University of Illinois-Chicago, assistant professor
Christine H. Mooney, Ph.D., Indiana University, associate professor
Daewoo Park, Ph.D., Texas A&M University, professor
Devaki Rau, Ph.D., University of Minnesota, professor
Barton M. Sharp, Ph.D., Purdue University, professor
Mahesh Subramony, Ph.D., Central Michigan University, professor

Majors

Business Administration (B.S.)

Students pursuing the B.S. degree in business administration will be prepared for a wide range of entry-level positions in a variety of organizations. The curriculum provides a broad-based education in all functional areas of business, including accounting, finance, management, marketing, and operations management and information systems. An emphasis in hospitality and tourism management is available for students to specialize their education and pursue career opportunities in hotel, meeting and events, tourism, and food and beverage management.

Check departmental information for additional requirements.

Business Administration Learning Competencies and Objectives

Graduates of the Bachelor of Science in Business Administration program are expected to achieve these learning competencies and objectives in addition to the College of Business Undergraduate Learning Competencies and Objectives.

The Business Administration program prepares graduates for a variety of entry-level positions in both the private and public business sectors. It is a generalist degree unlike other majors in the College of Business. Graduates of the Business Administration program are expected to demonstrate:

1. the ability to solve practical business problems.
2. the ability to identify and describe relationships among the primary business functional areas.
3. mastery of oral, written and verbal communication skills.
4. mastery of computer applications used in business environment.
5. awareness of ethical issues in business organizations.

Limited Retention Requirements

All majors in the College of Business are limited retention to assure students' continuing competence. Students who want to continue their enrollment in the College of Business must fulfill the College of Business Limited Retention criteria

All business majors must complete the Fundamental Business Requirements with a minimum grade of C or equivalent.

Students must meet MGMT 335 requirements to transition to departmental advising and specific major course work. Consult your advisor for course planning.

To enroll in 400-level business courses students must earn a C or better in FINA 320, MGMT 335, MKTG 295, and OMIS 338.

Additional retention requirements for each major can be found under Department Requirements.

Fundamental Business Requirements (52-55)

- ACCY 206 - Introductory Financial Accounting Credits: 3
- ACCY 207 - Introductory Cost Management Credits: 3
- ECON 260 - Principles of Microeconomics Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- ECON 261 - Principles of Macroeconomics Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- ENGL 203 - Rhetoric and Composition II, Researched Writing in the Domains Credits: 3
  Available for Foundational Studies Writing Requirement.
- OR ENGL 204 - Rhetoric and Composition, Accelerated Researched Writing in the Domains Credits: 3
  OR pass the English Foundational Studies II Examination Credits: 0
- FINA 320 - Principles of Finance Credits: 3
- MATH 211 - Calculus for Business and Social Science Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.

- OR MATH 229 - Calculus I Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.
- MGMT 217 - Legal Environment of Business Credits: 3
- MGMT 335 - Managing Individuals, Teams, and Organizations Credits: 3
- MGMT 468 - Strategic Management in a Global Economy Credits: 3
- MKTG 295 - Principles of Marketing Credits: 3
- OMIS 259 - Introduction to Business Information Systems Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- OMIS 338 - Principles of Operations Management Credits: 3
- OMIS 351 - Information Systems in Organizations Credits: 3
- OR ACCY 310 - Accounting Information Systems Credits: 3
  Accountancy students are required to take ACCY 310.
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- UBUS 100 - Career Compass Credits: 0
  This course is required for freshmen only.
- UBUS 110 - Business in Action Credits: 3
  Available for General Education Credit in the Creativity and Critical Analysis Knowledge domain.
- UBUS 200 - Passport Introduction Credits: 0
- UBUS 223 - Introduction to Business Statistics Credits: 3
- UBUS 288 - Introduction to Business Data and Analytics Credits: 3
- UBUS 400 - Passport Culmination Credits: 0

Other Requirements in the College of Business (32-35)

General Requirements (14)

- ACCY 307 - Managerial Accounting Information for Decisions and Control Credits: 3
- BADM 295 - Career Preparation in Business Administration Credits: 1
- BADM 395 - Career Planning in Business Administration Credits: 1
- MGMT 346 - Business Communication Credits: 3
  MGMT 346 is a writing infused course.
- MGMT 355 - Human Resource Management Credits: 3
- MGMT 487 - Multinational Management Credits: 3
- OR MKTG 367 - Principles of Global Marketing Credits: 3

Additional Requirements (18)

In addition to the general requirements listed above, students must either complete the courses in the following list (18) OR complete the required courses in the Hospitality and Tourism Management Emphasis (21).

- ACCY 306 - Financial Accounting Information for Business Decisions Credits: 3
- FINA 410 - Financial Markets and Investments Credits: 3
- MKTG 325 - Buyer Behavior Credits: 3
- MKTG 350 - Principles of Selling Credits: 3

Two of the following (6)

- OMIS 352 - Managing Projects in Business Credits: 3
  OMIS 352 is a writing infused course.
- OMIS 442 - Process and Quality Improvement Credits: 3
  OMIS 442 is a writing infused course.
- OMIS 450 - Service Operations Credits: 3
- OMIS 452 - Database Management for Business Credits: 3

OR Emphasis: Hospitality and Tourism Management (21)

Required courses in addition to the General Requirements listed above:

- BADM 302 - Introduction to the Hospitality Industry Credits: 3
- BADM 303 - Foodservice Systems Management in Practice Credits: 3
- BADM 305 - Lodging Operations Credits: 3
- BADM 306 - Meeting and Event Management Credits: 3
- BADM 458 - Internship in Business Administration Credits: 1-3
- OMIS 401 - Data Analytics for the Hospitality Industry Credits: 3
- OMIS 402 - Revenue Management in the Hospitality Industry Credits: 3

Requirements

Satisfactory completion of MGMT 335 as evidenced by a grade of C or better is required before a business administration major is allowed to enroll in any 300- or 400-level business course that has MGMT 335 as a prerequisite.

To graduate as a business administration major, a student must earn a grade of at least C in each course required in the major including courses in the Fundamental Business Requirements.

Business administration majors may repeat a maximum of two 300- or 400-level business courses required in the major. Repeats of FINA 320, MGMT 335, MKTG 295, and OMIS 338 will not be counted towards the maximum.

TOTAL HOURS FOR A MAJOR IN BUSINESS ADMINISTRATION: 84-90

General Education Requirements (6-12)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-6)

Writing Requirement (0-3)

- 3 credits satisfied by program requirement ENGL 203 or ENGL 204

Oral Communication Requirement (0-3)
Quantitative Literacy Requirements (0)

- Satisfied by program requirement MATH 211 or MATH 229

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domains (6)

Creativity and Critical Analysis (3)

- One 3-credit course selected from approved general education list. Creativity and Creative Analysis Course List
- UBUS 110, a program requirement, fulfills one of the course requirements for the Creativity and Critical Analysis Domain.

Nature and Technology (3)

- One 3-credit course selected from approved general education list. Nature and Technology Course List
- OMIS 259, a program requirement, fulfills one of the course requirements in the Nature and Technology Domain.

Society and Culture (0)

- The program requirements ECON 260 and ECON 261 fulfill the two required courses in this Domain.

Knowledge Domain Elective (0)

- PSYC 102 fulfills the required Domain elective course requirement.

Graduation Requirements (3-6)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Courses (3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused (0-3)

- MGMT 346, a program requirement, meets one of the Writing Infused course requirements.
- If OMIS 352 or OMIS 442, both program electives are taken, either will also meet a Writing Infused course requirement.
- If neither OMIS 352 or OMIS 442 are taken, one course from the approved Writing Infused list must be taken. Writing Infused Course List

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS: 9-18

TOTAL HOURS FOR ELECTIVES (12-27)

Total Hours for a B.S. Degree in Business Administration (120)

Management (B.S.)

Check departmental information for any additional requirements.

Students pursuing the B.S. degree in management select one of three emphases: leadership and management, human resource management, or entrepreneurship and social responsibility. Students in the leadership and management emphasis are prepared for management trainee, supervisory, or other management positions in a variety of commercial enterprises. This emphasis also enhances students' preparation for entrepreneurial and consulting endeavors. Students in the human resource management emphasis are prepared for entry-level positions as human resource generalists or specialists in a variety of firms. Students in the entrepreneurship and social responsibility emphasis are prepared for business development or entrepreneurship positions in a variety of new and established commercial and/or social enterprises. This emphasis also enhances students' preparation for leadership and consulting endeavors.

Management Learning Competencies and Objectives

Graduates of the Bachelor of Science in Management program are expected to demonstrate these learning competencies and objectives in addition to the College of

Business Undergraduate Learning Competencies and Objectives.

Graduates of our program will demonstrate the following:

1. Problem-Solving Competencies
    - Effectively carries out all steps of decision-making process
    - Applies management principles throughout process
    - Recognizes and thoughtfully considers ethical implications when making management decisions

2. Relationship Building Competencies
    - Participates actively in team projects and positively influences team outcomes
    - Builds effective relationships with peers, mentors, and business partners
    - Proactively manages interpersonal conflict
    - Respects and leverages diversity in backgrounds and perspectives

3. Communication Competencies
    - Produces professional business documents
    - Delivers professional presentations
    - Appropriately seeks and utilizes feedback for improvement

4. Career and Self-Leadership Competencies
    - Develops and acts upon a long-term career vision
    - Understands and leverages professional strengths
    - Understands and overcomes professional weaknesses
    - Actively seeks out opportunities to build professional expertise
    - Demonstrates professionalism in interaction with others

Requirements

Retention in the management major is competitive based on a student's GPA. A transcript review must be completed by the department and permission granted before a management major can enroll in MGMT 355 or MGMT 457.

Satisfactory completion of MGMT 335 as evidenced by a grade of C or better is required before a management major is allowed to enroll in any 300- or 400-level course required in the major that has MGMT 335 as a prerequisite.

Management prerequisites are met only by obtaining a grade of C or better. (It is necessary to repeat a MGMT prerequisite in which a grade below C was earned before taking the next course in the sequence.)

To graduate as a management major, a student must earn a grade of at least C in each course required in the major, which includes courses in the Fundamental Business Requirements, required MGMT courses, and all electives required for the major.

Management majors may repeat a maximum of two 300- or 400-level courses required in the majorincluding elective courses required for the major. Repeats of FINA 320, MGMT 335, MKTG 295, and OMIS 338 will not be counted towards the maximum.

Students who want to repeat a MGMT course will be permitted to enroll in that course only during add/drop and if there is space available.

Limited Retention Requirements

All majors in the College of Business are limited retention to assure students' continuing competence. Students who want to continue their enrollment in the College of Business must fulfill the College of Business Limited Retention criteria

All business majors must complete the Fundamental Business Requirements with a minimum grade of C or equivalent.

Students must meet MGMT 335 requirements to transition to departmental advising and specific major course work. Consult your advisor for course planning.

To enroll in 400-level business courses students must earn a C or better in FINA 320, MGMT 335, MKTG 295, and OMIS 338.

Additional retention requirements for each major can be found under Department Requirements.

Fundamental Business Requirements (52-55)

- ACCY 206 - Introductory Financial Accounting Credits: 3
- ACCY 207 - Introductory Cost Management Credits: 3
- ECON 260 - Principles of Microeconomics Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- ECON 261 - Principles of Macroeconomics Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- ENGL 203 - Rhetoric and Composition II, Researched Writing in the Domains Credits: 3
  Available for Foundational Studies Writing Requirement.
- OR ENGL 204 - Rhetoric and Composition, Accelerated Researched Writing in the Domains Credits: 3
  OR pass the English Foundational Studies II Examination Credits: 0
- FINA 320 - Principles of Finance Credits: 3
- MATH 211 - Calculus for Business and Social Science Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.
- OR MATH 229 - Calculus I Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.
- MGMT 217 - Legal Environment of Business Credits: 3
- MGMT 335 - Managing Individuals, Teams, and Organizations Credits: 3

- MGMT 468 - Strategic Management in a Global Economy Credits: 3
- MKTG 295 - Principles of Marketing Credits: 3
- OMIS 259 - Introduction to Business Information Systems Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- OMIS 338 - Principles of Operations Management Credits: 3
- OMIS 351 - Information Systems in Organizations Credits: 3
- OR ACCY 310 - Accounting Information Systems Credits: 3
  Accountancy students are required to take ACCY 310.
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- UBUS 100 - Career Compass Credits: 0
  This course is required for freshmen only.
- UBUS 110 - Business in Action Credits: 3
  Available for General Education Credit in the Creativity and Critical Analysis Knowledge domain.
- UBUS 200 - Passport Introduction Credits: 0
- UBUS 223 - Introduction to Business Statistics Credits: 3
- UBUS 288 - Introduction to Business Data and Analytics Credits: 3
- UBUS 400 - Passport Culmination Credits: 0

Emphasis 1. Leadership and Management

Requirements in Department (26)

- MGMT 295 - Career Preparation in Management Credits: 1
- MGMT 346 - Business Communication Credits: 3
  MGMT 346 is a writing infused course.
- MGMT 355 - Human Resource Management Credits: 3
- MGMT 395 - Career Planning in Management Credits: 1
- MGMT 417 - Leading and Managing Change Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  This is a society and culture general education course for the Creativity, Innovation, and Change Pathway.
- MGMT 440 - Leading Teams Credits: 3
- MGMT 447 - Leadership Credits: 3
- MGMT 457 - Managerial Negotiations Credits: 3

Two of the following (6)

- MGMT 327 - Creativity, Innovation, and Entrepreneurship Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
  This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- MGMT 360 - Coaching and Mentoring Credits: 1-3
- MGMT 444 - Training and Development Credits: 3
- MGMT 460 - Human Resource Management and Leadership Consulting Credits: 3
- MGMT 477 - Managing Organizations in Competitive Environments Credits: 3
- MGMT 487 - Multinational Management Credits: 3
- MKTG 350 - Principles of Selling Credits: 3
- MKTG 365 - Principles of Retailing Credits: 3
- OMIS 352 - Managing Projects in Business Credits: 3
  OMIS 352 is a Writing Infused course.
- PHIL 337 - Business Ethics Credits: 3

TOTAL HOURS FOR A MANAGEMENT MAJOR, EMPHASIS 1, LEADERSHIP AND MANAGEMENT: 78-81

General Education Requirements (3-12)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-6)

Writing Requirement (0-3)

- 3 credits satisfied by program requirement ENGL 203 or ENGL 204

Oral Communication Requirement (0-3)

Quantitative Literacy Requirements (0)

- Satisfied by program requirement MATH 211 or MATH 229

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domains (3-6)

Creativity and Critical Analysis (0-3)

- One 3-credit course selected from approved general education list. Creativity and Creative Analysis Course List
- If MGMT 327, an Emphasis 1 elective is taken, it fulfills one course requirement for the Creativity and Critical Analysis Domain.
- UBUS 110, a program requirement, fulfills one of the course requirements for the Creativity and Critical Analysis Domain.

Nature and Technology (3)

- One 3-credit course selected from approved general education list. Nature and Technology Course List
- OMIS 259, a program requirement, fulfills one course requirement in this domain.

Society and Culture (0)

- The program requirements ECON 260 and ECON 261 fulfill the two required courses in this domain.

Knowledge Domain Elective (0)

- PSYC 102, a program requirement, fulfills the required domain elective course requirement.

Graduation Requirements (3-6)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirements (3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (0-3)

- MGMT 346, an Emphasis 1 requirement, fulfills one course requirement.
- IF OMIS 352, an Emphasis 1 elective is taken, it fulfills one course requirement.
- One course selected from the approved Writing Infused list if OMIS 352 is not taken. Writing Infused Course List

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS, EMPHASIS 1: 6-18

TOTAL HOURS FOR ELECTIVES, EMPHASIS 1: 21-36

TOTAL HOURS FOR A B.S. DEGREE IN MANAGEMENT: EMPHASIS 1: 120

Emphasis 2. Human Resource Management

Requirements in Department (26)

Remaining requirements beyond the completion of major requirements.

- MGMT 295 - Career Preparation in Management Credits: 1
- MGMT 346 - Business Communication Credits: 3
  MGMT 346 is a writing infused course.
- MGMT 355 - Human Resource Management Credits: 3
- MGMT 395 - Career Planning in Management Credits: 1
- MGMT 436 - Compensation and Benefits Administration Credits: 3
- MGMT 438 - Human Resource Planning and Staffing Credits: 3
- MGMT 444 - Training and Development Credits: 3
- MGMT 448 - Employment Law Credits: 3
  MGMT 448 is a writing infused course.
- MGMT 457 - Managerial Negotiations Credits: 3

One of the following (3)

- MGMT 456 - Practicum in Human Resource Management Credits: 3
- MGMT 460 - Human Resource Management and Leadership Consulting Credits: 3
- OMIS 324 - Introduction to Business Data Analytic Tools Credits: 3
- OMIS 452 - Database Management for Business Credits: 3
- PHIL 337 - Business Ethics Credits: 3
- PSYC 372 - Social Psychology Credits: 3
- PSYC 471 - Industrial-Organizational Psychology Credits: 3

TOTAL HOURS FOR A MANAGEMENT MAJOR, EMPHASIS 2, HUMAN RESOURCE MANAGEMENT: 78-81

General Education Requirements (6-12)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

Foundational Studies (0-6)

Writing Requirement (0-3)

- 3 credits satisfied by program requirement ENGL 203 or ENGL 204

Oral Communication Requirement (0-3)

Quantitative Literacy Requirements (0)

- Satisfied by program requirement MATH 211 or MATH 229

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domains (6)

Creativity and Critical Analysis (3)

- One 3-credit course selected from approved general education list. Creativity and Creative Analysis Course List

- UBUS 110, a program requirement, fulfills one of the course requirements for the Creativity and Critical Analysis Domain.

Nature and Technology (3)

- One 3-credit course selected from approved general education list. Nature and Technology Course List
- OMIS 259, a program requirement, fulfills one of the course requirements in this domain.

Society and Culture (0)

- The program requirements ECON 260 and ECON 261 fulfill the two required courses in this domain.

Knowledge Domain Elective (0)

- PSYC 102, a program requirement, fulfills the required domain elective course requirement.

Graduation Requirements (3)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Courses (3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (0)

- MGMT 346 and MGMT 448 fulfill the Writing Infused requirements for graduation.

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS, EMPHASIS 2: 9-15

TOTAL HOURS FOR ELECTIVES, EMPHASIS 2: 24-33

TOTAL HOURS FOR A B.S. DEGREE IN MANAGEMENT: EMPHASIS 2: 120

Emphasis 3. Entrepreneurship and Social Responsibility

Requirements in Department (26)

- MGMT 227 - Entrepreneurship, Innovation, and Sustainability Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
  This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- OR MGMT 327 - Creativity, Innovation, and Entrepreneurship Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
  This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- MGMT 295 - Career Preparation in Management Credits: 1
- MGMT 311 - Social Entrepreneurship Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
  This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- MGMT 346 - Business Communication Credits: 3
  MGMT 346 is a writing infused course.
- MGMT 355 - Human Resource Management Credits: 3
- MGMT 395 - Career Planning in Management Credits: 1
- MGMT 427 - Entrepreneurship and Business Model Design Credits: 3
- OR MGMT 411 - Entrepreneurship and Microfinance Credits: 3
- OR MGMT 421 - Social Venture Consulting Credits: 3
- MGMT 437 - Entrepreneurship and Business Model Implementation Credits: 3
- OR MGMT 431 - Social Venture Competition Credits: 3
- MGMT 457 - Managerial Negotiations Credits: 3

One of the following (3)

- MGMT 417 - Leading and Managing Change Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  This is a society and culture general education course for the Creativity, Innovation, and Change Pathway.
- MGMT 440 - Leading Teams Credits: 3
- MGMT 460 - Human Resource Management and Leadership Consulting Credits: 3
- MGMT 467 - Corporate Innovation and Social Responsibility Credits: 3
- MKTG 350 - Principles of Selling Credits: 3
- MKTG 443 - Marketing Research Credits: 3
- PHIL 337 - Business Ethics Credits: 3

TOTAL HOURS FOR A MANAGEMENT MAJOR, EMPHASIS 3, ENTREPRENEURSHIP AND SOCIAL RESPONSIBILITY: 78-81

General Education Requirements (3-9)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

Foundational Studies (0-6)

Writing Requirement (0-3)

- 3 credits satisfied by program requirement ENGL 203 or ENGL 204

Oral Communication Requirement (0-3)

Quantitative Literacy Requirements (0)

- Satisfied by program requirement MATH 211 or MATH 229

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domains (3)

Creativity and Critical Analysis (0)

- MGMT 227 or MGMT 327, an Emphasis 3 requirement, fulfills one of the course requirements in this domain.
- MGMT 311, an Emphasis 3 requirement, fulfills one of the course requirements in this domain.

Nature and Technology (3)

- One 3-credit course selected from approved general education list. Nature and Technology Course List
- OMIS 259, a program requirement, fulfills one of the course requirements in this domain.

Society and Culture (0)

- The program requirements ECON 260 and ECON 261 fulfill the two required courses in this domain.

Knowledge Domain Elective (0)

- PSYC 102, a program requirement, fulfills the required Domain elective course requirement.

Graduation Requirements (6)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Courses (3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (3)

- MGMT 346, an Emphasis 3 requirement, fulfills one course requirement.
- One course from the Writing Infused list. Writing Infused Course List

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS: 9-15

TOTAL HOURS FOR ELECTIVES, EMPHASIS 3: 24-33

TOTAL HOURS FOR A B.S. DEGREE IN MANAGEMENT: EMPHASIS 3: 120

Minor

Minor in Business Innovation and Entrepreneurship (18-21)

The minor in business innovation and entrepreneurship is available to NIU undergraduate students in good academic standing. Students with a major in management with an emphasis in entrepreneurship and social responsibility or a minor in social entrepreneurship will not be awarded the minor in business innovation and entrepreneurship. Retention in the business innovation and entrepreneurship minor requires a C or better in all courses in the minor. Enrollment in MGMT 427 is competitive based on the student's overall GPA.

Students must complete an application for the business innovation and entrepreneurship minor by the semester deadline. Applications and deadline dates are available in the Department of Management.

Check departmental information for additional requirements.

Requirements (15-18)

- ACCY 288 - Fundamentals of Accounting Credits: 3
  (Course not open to College of Business majors.)
- OR ACCY 206 - Introductory Financial Accounting Credits: 3
- AND ACCY 207 - Introductory Cost Management Credits: 3
- MGMT 227 - Entrepreneurship, Innovation, and Sustainability Credits: 3
  Available for general education credit.
  This is an creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- OR MGMT 320 - Foundations of Business and Entrepreneurship Credits: 3
  (Course not open to College of Business majors.)
- OR MGMT 335 - Managing Individuals, Teams, and Organizations Credits: 3
- MGMT 327 - Creativity, Innovation, and Entrepreneurship Credits: 3
  Available for general education credit.
  This is an creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- MGMT 427 - Entrepreneurship and Business Model Design Credits: 3
- MGMT 437 - Entrepreneurship and Business Model Implementation Credits: 3

One of the following (3)

- ACCY 306 - Financial Accounting Information for Business Decisions Credits: 3
- ACCY 307 - Managerial Accounting Information for Decisions and Control Credits: 3
- ACCY 309 - Taxes and Financial Planning Credits: 3
- ACCY 320 - Intermediate Cost Management Credits: 3
- ACCY 331 - Financial Reporting I Credits: 3
- ACCY 450 - Taxation of Business Entities and Individuals Credits: 3
- MEE 382 - Design Thinking Credits: 3
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- MGMT 333 - Principles of Management Credits: 3
  (Course not open to College of Business majors.)
- MGMT 447 - Leadership Credits: 3
- MGMT 457 - Managerial Negotiations Credits: 3
- MGMT 467 - Corporate Innovation and Social Responsibility Credits: 3
- MKTG 325 - Buyer Behavior Credits: 3
- MKTG 365 - Principles of Retailing Credits: 3
- MKTG 425 - Services Marketing Credits: 3
- OMIS 450 - Service Operations Credits: 3

Minor in Social Entrepreneurship (21-24)

The minor will help students develop the entrepreneurial skills related to the unique features of building and sustaining ventures to generate economic, social, and environmental change. This minor in social entrepreneurship is available to NIU undergraduate students in good academic standing. Students with a major in management with an emphasis in entrepreneurship and social responsibility or a minor in business innovation and entrepreneurship will not be awarded the minor in social entrepreneurship. Retention in the social entrepreneurship minor is based on a grade of C or better in all courses in the minor.

Students must complete an application for the social entrepreneurship minor. Applications and deadline dates are available in the Department of Management.

Check departmental information for additional requirements.

Requirements

- ACCY 288 - Fundamentals of Accounting Credits: 3
  Course not open to College of Business majors.
- OR ACCY 206 - Introductory Financial Accounting Credits: 3
- AND ACCY 207 - Introductory Cost Management Credits: 3
- MGMT 311 - Social Entrepreneurship Credits: 3
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- MGMT 227 - Entrepreneurship, Innovation, and Sustainability Credits: 3
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- OR MGMT 320 - Foundations of Business and Entrepreneurship Credits: 3
  Course not open to College of Business majors.
- OR MGMT 335 - Managing Individuals, Teams, and Organizations Credits: 3
- MGMT 327 - Creativity, Innovation, and Entrepreneurship Credits: 3
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- MGMT 411 - Entrepreneurship and Microfinance Credits: 3
- OR MGMT 421 - Social Venture Consulting Credits: 3
- OR MGMT 467 - Corporate Innovation and Social Responsibility Credits: 3
- MGMT 437 - Entrepreneurship and Business Model Implementation Credits: 3

One of the following (3)

- ACCY 480 - Governmental and Not-For-Profit Accounting Credits: 3
- BKST 219 - Introduction to African Studies Credits: 3
  Available for general education credit. This is a society and culture general education course for the Global Connections Pathway.
- ECON 386 - Environmental Economics Credits: 3
- ENVS 303 - Environment in the Social Sciences and Humanities Credits: 3
  Available for general education credit. This is a society and culture general education course for the Sustainability Pathway.
- ENVS 304 - Environmental Law, Policy, and Economics Credits: 3
- ENVS 450 - Issues in Environmental Studies Credits: 3-6
  Students take this course for 3 semester hours.
- MKTG 350 - Principles of Selling Credits: 3
- MKTG 443 - Marketing Research Credits: 3
- NNGO 303 - Nonprofit Administration for Social Justice Credits: 3
- NNGO 351 - Nonprofit Boards and Governance Credits: 3
- NNGO 352 - Nonprofit Program Development and Evaluation Credits: 3
- PSPA 328 - Role of Nongovernmental Organizations in Development Credits: 3
- PSPA 301 - Philanthropy and Fundraising Credits: 3
- PSPA 402 - Resource Strategies for Nonprofit Organizations Credits: 3
- OR MGMT 402X - Resources Strategies for Nonprofit Organizations Credits: 3
- SOCI 270 - Social Problems Credits: 3

Available for general education credit. This is a society and culture general education course for the Social Justice and Diversity Pathway.

- TECH 305 - Green Technologies Credits: 3
- OR ENVS 305X - Green Technologies Credits: 3

Certificate of Undergraduate Study

Retail Management

Coordinator: Ursula Sullivan, Department of Marketing

A Certificate of Undergraduate Study in Retail Management is available. Please see a description of this certificate in the Department of Marketing section of the catalog.

Social Entrepreneurship (9)

This certificate is designed to provide College of Business students with a set of courses focused on social entrepreneurship. This certificate will help students develop the entrepreneurial skills related to the unique features of building and sustaining ventures to generate economic, social, and environmental change and the role of microfinance organizations.

Admission to the certificate program is competitive. Students interested in the certificate should fill out and submit an application to the Department of Management located in Barsema Hall 245. Applications are available in the Management Department office or online at www.cob.niu.edu/mgmt/SocialEntrepreneurshipCertificate.pdf.

A grade of C or above must be earned in all of the certificate courses. Only courses taken at NIU may be applied toward the certificate. Some of the courses may, with the approval of the major department, be applied toward an undergraduate major. Students who earn a major in management with an emphasis in entrepreneurship and social responsibility or a minor in social entrepreneurship will not be awarded the certificate.

Direct any questions regarding this certificate to the Department of Management, 815-753-1124.

Requirements

- MGMT 311 - Social Entrepreneurship Credits: 3
  Available for general education credit. This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.

Two of the following (6)

- MGMT 327 - Creativity, Innovation, and Entrepreneurship Credits: 3
  Available for general education credit. This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- MGMT 411 - Entrepreneurship and Microfinance Credits: 3
- MGMT 421 - Social Venture Consulting Credits: 3
- MGMT 467 - Corporate Innovation and Social Responsibility Credits: 3

Accelerated Integrated Degree

Accelerated B.S./J.D. in Business Administration and B.S./J.D. in Management and the College of Law

Admission

Students who want to earn a B.S. in Business Administration and a J.D. or a B.S. in Management and a J.D. may pursue a six-year integrated sequence of courses leading to these degrees. Students who wish to complete this program must identify themselves to the Department of Management as majors who wish to complete the Accelerated Program as early as possible. All undergraduates who major in Business Administration or Management and have completed at least 90 credit hours of undergraduate course work with a minimum GPA of 3.25 are eligible to apply to NIU's College of Law under the special provisions of this program. As part of the application to the College of Law, applicants must take the LSAT and receive a score at or above the 50th percentile of the previous year's matriculating law class. Applicants are advised to take the LSAT and submit their application to the College of Law no later than February of their junior year. Admission will be on a competitive basis, and the likelihood of admission will depend on the number and quality of applicants to the program, the number and quality of applicants to the College of Law in general, as well as other factors normally considered in admissions decisions by the College of Law.

Curriculum

Students must complete all the requirements for the B.S. Business Administration or B.S. Management degrees as well as all general education requirements (90 credits in total) by the end of their junior year. Beginning with the first semester of their senior year, students will start taking classes at the College of Law. These courses will count toward the final 30 credits of the undergraduate degree. The final two years of the program will follow the standard College of Law timetable.

Marketing (MKTG)

The Department of Marketing offers a B.S. degree with a major in marketing. The marketing major prepares students

for careers which involve planning, implementing, organizing, and/or controlling the activities required in the exchange of goods and services with customers. The major provides students with the conceptual, analytical, communication, and quantitative skills necessary for careers in marketing. Students may pursue a general marketing plan of study or one of three areas of study. Areas of study focus on a distinct area of marketing and prepare students for careers in those specific fields.

The professional sales area of study offers students instruction dedicated to preparing them for entry-level sales positions and careers in sales management. Courses provide students with concepts of selling theory, applied skills, and frequent in-class and out-of-class contact with professional business people, including a Sales Advisory Board.

The digital marketing area of study offers students a curriculum to prepare for careers with direct marketing service bureaus, direct marketing production houses, Web marketers, advertising agencies, and corporations using interactive marketing, direct marketing, or Web-based marketing. Dedicated laboratory facilities provide students with hands-on training in database analysis, Web-based marketing technologies, and geodemographic information systems.

Marketing Learning Competencies and Objectives

Graduates of the Bachelor of Science in Marketing program are expected to achieve these learning competencies and objectives in addition to the College of Business Undergraduate Learning Competencies and Objectives.

Graduates of the Marketing program will have:

1. The ability to apply marketing concepts. Graduates must demonstrate an understanding of the process of planning and executing the conception, pricing, promotion and distribution of ideas, goods, and services to attract and retain customers. Key marketing concepts include those related to product, pricing, promotion, distribution, sales, management, market and business environments, and customer relationships and target markets.

2. Mastery of problem solving and critical thinking skills. Graduates must demonstrate marketing related problem solving and critical thinking skills using qualitative and/or quantitative tools. Graduates will demonstrate the ability to develop feasible solutions within fluid and situation specific business environments. Specific skills to demonstrate problem solving and critical thinking skills include analyzing key factors leading to the identification of a problem/ opportunity, conducting appropriate analyses to generate information, and utilizing generated information to develop suitable potential solutions to marketing problems based upon available resources and restrictions.

3. Mastery of written communication skills. Graduates must demonstrate the ability to collect, organize, interpret, and coherently present information in written format. Graduates will use proper grammar and language in developing business memos, formal business letters, business proposals, and business reports.

4. Mastery of oral communication skills. Graduates must demonstrate the ability to collect, organize, interpret, and coherently present information in an oral format. Graduates will use situation appropriate grammar, language, and professionalism to effectively convince and/or persuade and audience.

5. The ability to understand and effectively apply marketing metrics. Graduates must demonstrate an understanding of key marketing metrics and ability to utilize marketing metrics effectively in the analysis and solving of marketing problems. Specific skills graduates should master might include the ability to perform break-even point analysis, ratio analysis and other key metric analysis. Other key metrics analysis could include those relating to: 1) marketing planning and customers (e.g., market growth rates, market share, marketing cost per unit, customer acquisition costs, and return on investment); 2) product, price, and promotion offerings (e.g., new product purchase rates, advertising to sales rations, gross rating points, response rates, conversion rates, costs per click, transactions per customer, and average transaction size); and 3) sales efforts(e.g., sales turnover rates, sales performance quotas, sales variances, and straight/ profit based commissions).

6. The ability to work effectively in teams. Graduates must possess the ability to work effectively with a group of other individuals to accomplish a mutual goal and produce high quality outcomes while recognizing the benefits and difficulties of working in teams. Specific skills graduates demonstrate include goal commitment, mutual respect, effective communication, flexibility and productivity.

7. Understanding of the global business environment. Graduates must demonstrate and understanding of the global forces that shape firms' domestic and global marketing strategies. Such forces would include those related to political, legal, economic, cultural, and financial variables.

8. Ethical awareness. Graduates must demonstrate an awareness of and personal philosophy toward ethical practices.

Department Requirements

The Department of Marketing's retention policy is competitive based on a student's overall GPA and satisfactory completion of FINA 320, MGMT 335, MKTG 295, and OMIS 338 as evidenced by a grade of C or better. To graduate as a marketing major, a student must earn a grade of at least C in each course required in the major, which includes courses in the Fundamental Business Requirements, and any additional upper-level required courses outside of marketing, required MKTG courses, and all electives required for the major.

All marketing majors must satisfactorily complete a portfolio of a selected collection of their marketing assignments to be turned in no later than the last week of classes in the

semester that they graduate. Instructions for portfolio content may be found in the Department of Marketing.

To graduate as a marketing major or with a marketing minor, a transfer student will be required to take at least 12 semester hours of 300- and 400-level MKTG courses at NIU.

Marketing majors and minors may repeat a maximum of two 300- or 400-level MKTG courses.

Internship in Marketing

Marketing majors may submit an application for a marketing internship in their junior or senior year, preferably by February 1, for a summer internship. Applications will be reviewed by the departmental internship coordinator and approved on the basis of academic GPA (of approximately 2.75 overall GPA and approximately 3.00 GPA or above in the major), instructor recommendations, professional promise, demonstrated interest, and the completion of a minimum of 6 semester hours of marketing taken at NIU. Credit earned in the internship may not be used to fulfill the 9 semester-hour marketing electives requirement. Internships are available in leading companies selected by the internship coordinator. A student receives 3-6 semester hours of S/U credit for the internship based on a planned series of learning activities arranged and approved by the internship coordinator.

Marketing Faculty

Vijaykumar Krishnan Palghat, Ph.D., University of Cincinnati, associate professor, chair
Timothy W. Aurand, Ed.D., Northern Illinois University, professor, James E. Thompson Professor of Marketing
Elisa Fredericks, Ph.D., University of Illinois, Chicago, associate professor
Mark D. Groza, Ph.D., University of Massachusetts, associate professor, Enterprise Holdings Professor of Sales
Mya P. Groza, Ph.D., University of Wyoming, associate professor
Yongwoog Jeon, Ph.D., The University of Texas at Austin, assistant professor
Eunha Myung, Ph.D., University of Nevada, Las Vegas, professor
Robert M. Peterson, Ph.D., University of Memphis, professor
Paul R. Prabhaker, Ph.D., University of Rochester, professor
Reza Rajabi, Ph.D., University of Massachusetts, assistant professor
Denise D. Schoenbachler, Ph.D., University of Kentucky, professor, Douglas and Cynthia Crocker Endowed Professor in Business
Ursula Y. Sullivan, Ph.D., Northwestern University, associate professor
Yihui Tang, Ph.D., University of Missouri, assistant professor

Majors

Marketing (B.S.)

Limited Retention Requirements

All majors in the College of Business are limited retention to assure students' continuing competence. Students who want to continue their enrollment in the College of Business must fulfill the College of Business Limited Retention criteria

All business majors must complete the Fundamental Business Requirements with a minimum grade of C or equivalent.

Students must meet MGMT 335 requirements to transition to departmental advising and specific major course work. Consult your advisor for course planning.

To enroll in 400-level business courses students must earn a C or better in FINA 320, MGMT 335, MKTG 295, and OMIS 338.

Additional retention requirements for each major can be found under Department Requirements.

Fundamental Business Requirements (52-55)

- ACCY 206 - Introductory Financial Accounting Credits: 3
- ACCY 207 - Introductory Cost Management Credits: 3
- ECON 260 - Principles of Microeconomics Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- ECON 261 - Principles of Macroeconomics Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- ENGL 203 - Rhetoric and Composition II, Researched Writing in the Domains Credits: 3
  Available for Foundational Studies Writing Requirement.
- OR ENGL 204 - Rhetoric and Composition, Accelerated Researched Writing in the Domains Credits: 3
  OR pass the English Foundational Studies II Examination Credits: 0
- FINA 320 - Principles of Finance Credits: 3
- MATH 211 - Calculus for Business and Social Science Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.
- OR MATH 229 - Calculus I Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.
- MGMT 217 - Legal Environment of Business Credits: 3
- MGMT 335 - Managing Individuals, Teams, and Organizations Credits: 3
- MGMT 468 - Strategic Management in a Global Economy Credits: 3
- MKTG 295 - Principles of Marketing Credits: 3
- OMIS 259 - Introduction to Business Information Systems Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- OMIS 338 - Principles of Operations Management Credits: 3
- OMIS 351 - Information Systems in Organizations Credits: 3

- OR ACCY 310 - Accounting Information Systems Credits: 3
  Accountancy students are required to take ACCY 310.
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- UBUS 100 - Career Compass Credits: 0
  This course is required for freshmen only.
- UBUS 110 - Business in Action Credits: 3
  Available for General Education Credit in the Creativity and Critical Analysis Knowledge domain.
- UBUS 200 - Passport Introduction Credits: 0
- UBUS 223 - Introduction to Business Statistics Credits: 3
- UBUS 288 - Introduction to Business Data and Analytics Credits: 3
- UBUS 400 - Passport Culmination Credits: 0

Requirements in Department (25)

- MKTG 99 - Portfolio Credits: 0
- MKTG 325 - Buyer Behavior Credits: 3
- MKTG 350 - Principles of Selling Credits: 3
- MKTG 370 - Principles of Digital Marketing Credits: 3
- MKTG 395 - Career Planning in Marketing Credits: 1
- MKTG 443 - Marketing Research Credits: 3
- MKTG 495 - Marketing Strategy Credits: 3
  MKTG 495 is a writing infused course.

Electives in marketing, which could include UBUS 485, or one of the following areas of study (9)

Credits earned in MKTG 295, Principles of Marketing, and MKTG 458, Internship in Marketing, may not be used to complete the elective requirement.

Digital Marketing (9)

- MKTG 470 - Interactive Marketing Technology Credits: 3

And two of the following (6)

- MKTG 448 - Integrated Marketing Communications Credits: 3
- MKTG 355 - Multichannel Direct Marketing Credits: 3
- MKTG 407 - Social and Mobile Marketing Credits: 3
- MKTG 455 - Database Marketing and Data Mining Credits: 3

International Marketing (9)

- MKTG 367 - Principles of Global Marketing Credits: 3
- MKTG 467 - Global Marketing Management Credits: 3

One of the following (3)

- MKTG 387 - International Study in Marketing Credits: 3
- MKTG 410 - Professional Selling and Cultural Perspectives Credits: 3
- MKTG 415 - Global Selling Perspectives Credits: 3

Professional Sales (9)

- MKTG 435 - Business-to-Business Selling Credits: 3
- MKTG 446 - Sales Leadership, Metrics, and Application Credits: 3
- MKTG 450 - Advanced Professional Selling Credits: 3

Requirement outside Department (3)

- MGMT 346 - Business Communication Credits: 3
  MGMT 346 is a writing infused course.

TOTAL HOURS FOR A MAJOR IN MARKETING: 80-83

General Education Requirements (6-12)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-6)

Writing Requirement (0-3)

- 3 credits satisfied by program requirement ENGL 203 or ENGL 204

Oral Communication Requirement (0-3)

Quantitative Literacy Requirements (0)

- Satisfied by program requirement MATH 211 or MATH 229

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domains (6)

Creativity and Critical Analysis (3)

- One 3-credit course selected from approved general education list. Creativity and Creative Analysis Course List
- UBUS 110, a program requirement, fulfills one of the course requirements for the Creativity and Critical Analysis Domain.

Nature and Technology (3)

- One 3-credit course selected from approved general education list. Nature and Technology Course List
- OMIS 259, a program requirement, fulfills one of the course requirements in this domain.

Society and Culture (0)

- The program requirements ECON 260 and ECON 261 fulfill the two required courses in this domain.

Knowledge Domain Elective (0)

- PSYC 102, a program requirement, fulfills the required domain elective course requirement.

Graduation Requirements (3)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Courses (3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (0)

- MKTG 495 and MGMT 346 fulfill the Writing Infused requirements for graduation.

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS: 9-15

TOTAL HOURS FOR ELECTIVES: 22-31

TOTAL HOURS FOR A B.S. DEGREE IN BUSINESS MARKETING: 120

Minor

Minor in International Marketing (27-28)

The minor in international marketing is available to NIU undergraduate students in good academic standing. The minor in international marketing is not open to students with a major or a minor in marketing. Admission in the international marketing minor is competitive based on the student's overall GPA.

Students wishing to apply for the minor in international marketing must complete an application by the semester deadline; applications and deadline dates are available in the Department of Marketing. Students in the international marketing minor must receive a C or better in each of the required marketing courses and marketing electives.

Check departmental information for additional requirements.

Pre-admission Requirements (9-10)

- PSYC 102 - Introduction to Psychology Credits: 3
- UBUS 223 - Introduction to Business Statistics Credits: 3
- OR STAT 200 - Elementary Statistics Credits: 4
- OR STAT 300 - Introduction to Probability and Statistics Credits: 3
- ECON 261 - Principles of Macroeconomics Credits: 3

Requirements (18)

- MKTG 295 - Principles of Marketing Credits: 3
- MKTG 367 - Principles of Global Marketing Credits: 3
- MKTG 467 - Global Marketing Management Credits: 3

Two of the following (6)

- MKTG 325 - Buyer Behavior Credits: 3
- MKTG 350 - Principles of Selling Credits: 3
- MKTG 443 - Marketing Research Credits: 3

One of the following study abroad courses (3)

- MKTG 387 - International Study in Marketing Credits: 3
- MKTG 410 - Professional Selling and Cultural Perspectives Credits: 3
- MKTG 415 - Global Selling Perspectives Credits: 3
- OMIS 400 - International Study in Operations and Information Management Credits: 3
- INTL 301 - Study Abroad Programs Credits: 1-9
- INTL 401 - Study Abroad Programs Credits: 1-9

Minor in Marketing (24-25)

Retention in the marketing minor is competitive based on the student's overall GPA and a grade of C or better in MKTG 295. Students wishing to apply for the minor in marketing must complete an application by the semester deadline; applications and deadline dates are available in the Department of Marketing. Students in the marketing minor must receive a grade of C or better in each of the required marketing courses and required marketing electives.

Check departmental information for any additional requirements.

Pre-admission Requirements (9-10)

- ECON 260 - Principles of Microeconomics Credits: 3
- PSYC 102 - Introduction to Psychology Credits: 3

- UBUS 223 - Introduction to Business Statistics Credits: 3
- OR STAT 100 - Basic Statistics Credits: 3
- OR STAT 200 - Elementary Statistics Credits: 4
- OR STAT 300 - Introduction to Probability and Statistics Credits: 3

Requirements (15)

- MKTG 295 - Principles of Marketing Credits: 3
- MKTG 350 - Principles of Selling Credits: 3
- MKTG 370 - Principles of Digital Marketing Credits: 3

Two of the following (6)

- MKTG 325 - Buyer Behavior Credits: 3
- MKTG 345 - Business Marketing Credits: 3
- MKTG 355 - Multichannel Direct Marketing Credits: 3
- MKTG 365 - Principles of Retailing Credits: 3
- MKTG 367 - Principles of Global Marketing Credits: 3
- MKTG 425 - Services Marketing Credits: 3
- MKTG 443 - Marketing Research Credits: 3
- MKTG 446 - Sales Leadership, Metrics, and Application Credits: 3
- MKTG 448 - Integrated Marketing Communications Credits: 3
- MKTG 450 - Advanced Professional Selling Credits: 3
- MKTG 455 - Database Marketing and Data Mining Credits: 3
- MKTG 464 - Product Planning and Development Credits: 3
- MKTG 467 - Global Marketing Management Credits: 3
- MKTG 490 - Current Topics in Marketing Credits: 3

Certificate of Undergraduate Study

Digital Marketing (15)

This certificate is designed for all majors who wish to have a certificate in digital marketing. Digital marketing is the ability to identify the customer, address the customer individually, and then address the customer again in a way that takes into account his or her unique response. This type of marketing is based in direct marketing principles and facilitated by marketing technology, such as the Internet and large-scale customer database applications. A certificate in this area will provide students with an understanding from a managerial as well as technical point of view of how to create, implement, and monitor digital marketing programs using a variety of available marketing technologies.

Students must maintain good academic standing within the university, achieve a minimum grade of C in each course applied toward the certificate, and complete all certificate course work within a period of four calendar years. Only courses taken at NIU may be applied toward the certificate. Courses used to satisfy the requirements for the certificate may be used toward an undergraduate degree in marketing. Courses used to satisfy the requirements for the certificate may have prerequisites that are not part of the certificate curriculum.

Students interested in the certificate should apply no later than the beginning of their final semester prior to graduation, but interested students are urged to apply as soon as they complete MKTG 295 for planning purposes. Applications are available in the Department of Marketing.

Required courses (9)

- MKTG 370 - Principles of Digital Marketing Credits: 3
- MKTG 443 - Marketing Research Credits: 3
- MKTG 470 - Interactive Marketing Technology Credits: 3

Two of the following (6)

- MKTG 355 - Multichannel Direct Marketing Credits: 3
- MKTG 407 - Social and Mobile Marketing Credits: 3
- MKTG 435 - Business-to-Business Selling Credits: 3
- MKTG 448 - Integrated Marketing Communications Credits: 3
- MKTG 455 - Database Marketing and Data Mining Credits: 3

International Marketing (9)

The certificate is designed for all majors who wish to have a certificate in international marketing. The certificate will prepare students to understand the role of global business within a marketing framework and requires students to participate in a study abroad experience.

The certificate of undergraduate study in international marketing is open to all NIU students. Students must maintain good academic standing within the university, achieve a minimum of a C in each course applied toward the certificate, and complete all certificate work within a period of four calendar years. Marketing courses used to satisfy the requirements for the certificate may also be applied toward an undergraduate degree in marketing. Some courses may have prerequisites that are not part of the certificate curriculum. Students are encouraged to pursue their study abroad experience early in their academic career if possible.

Students interested in the certificate should contact the adviser prior to the beginning of their last semester, but preferably upon completion of MKTG 295 for planning purposes. Applications will be accepted during the semester of enrollment in the last courses to complete the certificate.

Required courses

- MKTG 367 - Principles of Global Marketing Credits: 3
- MKTG 467 - Global Marketing Management Credits: 3

One of the following (3)

- MKTG 387 - International Study in Marketing Credits: 3
- MKTG 410 - Professional Selling and Cultural Perspectives Credits: 3
- MKTG 415 - Global Selling Perspectives Credits: 3
- An NIU sponsored study abroad experience with departmental approval (3)

Professional Selling (12)

Director: Charles H. Howlett, Department of Marketing

This certificate offers a comprehensive set of courses designed to develop, enhance, and apply students' knowledge in the area of business-to-business sales. The professional sales program certificate provides students with leading-edge instruction and practical experiences. Students completing this certificate will be prepared for success in entry-level sales positions as well as career advancement.

The certificate of undergraduate study in professional selling is open to all NIU students. Students must maintain good academic standing within the university, achieve a minimum of a C in each course applied toward the certificate, and complete all certificate work within a period of four calendar years. Marketing courses used to satisfy the requirements for the certificate may also be applied toward an undergraduate degree in marketing. Some courses may have prerequisites that are not part of the certificate curriculum. Business majors are encouraged to enroll in MKTG 350 the semester after MKTG 295, while non-business majors may opt to take MKTG 295 concurrently with MKTG 350. MKTG 350 is the prerequisite for all other course work with this certificate.

Students earning the certificate in professional selling are required to interview for a seat in MKTG 450 during the semester prior to their intended enrollment. Those who are not selected will be offered the opportunity to take an alternative course in order to complete their certificate requirements.

Students interested in this certificate should apply at the beginning of the semester in which they will complete the last of the four courses listed below or contact the coordinator for admission procedures and other information.

Required Courses

- MKTG 350 - Principles of Selling Credits: 3
- MKTG 435 - Business-to-Business Selling Credits: 3
- MKTG 450 - Advanced Professional Selling Credits: 3

One of the following (3)

- MGMT 457 - Managerial Negotiations Credits: 3
- MKTG 410 - Professional Selling and Cultural Perspectives Credits: 3
- MKTG 411 - Strategic Selling Perspectives Credits: 3
- MKTG 412 - Professional Selling in the Field Credits: 3
- MKTG 415 - Global Selling Perspectives Credits: 3
- MKTG 440 - Contemporary Leadership in Sales Credits: 3
- MKTG 446 - Sales Leadership, Metrics, and Application Credits: 3

Retail Management (12)

Coordinator: Ursula Sullivan, Department of Marketing

This certificate is designed for all majors who wish to have a certificate in retail management. The certificate helps prepare students for store and department management positions in major retail organizations, such as Kohl's and Target. In addition, the certificate in this area provides students with strong customer service and selling skills, which prepare students for understanding the challenges that they confront as retail managers. Overall, students who complete the retail management certificate have skills to successfully work with consumers and employees in mass merchandiser, specialty, grocery, apparel, and department store settings.

Students must maintain good academic standing within the university, achieve a minimum grade of C in each course applied toward the certificate, and complete all certificate course work within a period of four calendar years. Only courses taken at NIU may be applied toward the certificate. Courses used to satisfy the requirements for the certificate may be used toward an undergraduate degree in marketing and management. Courses used to satisfy the requirements for the certificate may have prerequisites that are not part of the certificate curriculum.

Students interested in the certificate should apply no later than the beginning of their final semester prior to graduation, but interested students are urged to apply as soon as they complete MGMT 335 and MKTG 295 (for business majors), or MGMT 333 (for non-business majors), for planning purposes. Applications are available in the Department of Management or Department of Marketing.

Required Courses

- MGMT 355 - Human Resource Management Credits: 3
- MKTG 365 - Principles of Retailing Credits: 3
- MKTG 425 - Services Marketing Credits: 3

One of the following:

- MGMT 457 - Managerial Negotiations Credits: 3
- MKTG 350 - Principles of Selling Credits: 3
- MKTG 370 - Principles of Digital Marketing Credits: 3
- OMIS 450 - Service Operations Credits: 3

Accelerated Integrated Degree

Accelerated B.S. in Marketing/M.S. in Digital Marketing

Admission

This program leads to both the B.S. in Marketing and M.S. in Digital Marketing degrees. Students who want to complete this program must identify themselves to the Department of Marketing as majors who will complete the accelerated program. The program is open to all undergraduates who major in Marketing and have completed at least 90 semester hours of undergraduate course work with a minimum grade point average of 3.00. Students who have met these standards in their B.S. in Marketing degree program must also apply for admission to the M.S. in Digital Marketing program under the special provisions of this program. Students must meet the application deadlines given by the Graduate School. To qualify for this program, applicants must have a grade of B or higher in MKTG 295, OMIS 351, and UBUS 223 and participate in an oral interview with the director or designated representative of the M.S. in Digital Marketing program. Admission will be on a competitive basis, and the likelihood of admission will depend on the number and quality of applicants to the program, the number and quality of applicants to the M.S. in Digital Marketing program in general, as well as other factors normally considered in admissions decisions by the director of the M.S. in Digital Marketing program.

Curriculum

Students must complete all the business core requirements for the B.S. in Marketing degree program as well as all general education requirements, MKTG 325, MKTG 370, and OMIS 351 prior to their taking classes in the M.S. in Digital Marketing program. Once admitted into the B.S. in Marketing/M.S. in Digital Marketing program and having completed all course requirements for entry, students will start taking classes in the M.S. in Digital Marketing program (up to 15 semester hours). These dual-listed courses will also count toward 15 semester hours in the undergraduate degree. Upon receiving their undergraduate degree, students will then follow the standard timetable for receiving a M.S. in Digital Marketing program.

Integrated Certificate in Digital Marketing/M.S. in Digital Marketing

Admission

This program leads to both the undergraduate Certificate in Digital Marketing and M.S. in Digital Marketing degree. Students who want to complete this program must identify themselves to the Department of Marketing as Certificate students who will complete the integrated program. The program is open to all undergraduates who are pursuing the Certificate in Digital Marketing and have completed at least 90 semester hours of undergraduate course work with a minimum grade point average of 3.00. Students who have met these standards in their Certificate in Digital Marketing program must also apply for admission to the M.S. in Digital Marketing program under the special provisions of this program. Students must meet the application deadlines given by the Graduate School. To qualify for this program, applicants must have completed MKTG 295 and MKTG 370 with a grade of B or higher in each course, and participate in an oral interview with the Director or designated representative of the M.S. in Digital Marketing program.

Curriculum

Students must complete MKTG 295 and 370 as well as all general education requirements prior to their taking classes in the M.S. in Digital Marketing program. Having completed all course requirements for entry, students will start taking classes in the M.S. in Digital Marketing program (up to 9 semester hours). These dual-listed courses will also count toward 9 semester hours in the Certificate in Digital Marketing program. Upon receiving their undergraduate degree, students will then follow the standard timetable for receiving an M.S. in Digital Marketing degree.

Admission will be on a competitive basis, and the likelihood of admission will depend on the number and quality of applicants to the program, the number and quality of applicants to the M.S. in Digital Marketing program in general, as well as other factors normally considered in admissions decisions by the Director of the M.S. in Digital Marketing program.

Integrated Certificate in Professional Selling/M.S. in Digital Marketing

Admission

This program leads to both the undergraduate Certificate in Professional Selling and M.S. in Digital Marketing degree. Students who want to complete this program must identify themselves to the Department of Marketing as Certificate students who will complete the integrated program. The program is open to all undergraduates who are pursuing the Certificate in Professional Selling and have completed at least 90 semester hours of undergraduate course work with a minimum grade point average of 3.00. Students who have met these standards in their Certificate in Professional Selling program must also apply for admission to the M.S. in Digital Marketing program under the special provisions of this program. Students must meet the application deadlines given by the Graduate School. To qualify for this program, applicants must have completed MKTG 295 and MKTG 350

with a grade of B or higher in each course, and participate in an oral interview with the Director or designated representative of the M.S. in Digital Marketing program.

Curriculum

Students must complete MKTG 295 and MKTG 350 as well as all general education requirements prior to their taking classes in the M.S. in Digital Marketing program. Having completed all course requirements for entry, students will start taking classes in the M.S. in Digital Marketing program (up to 6 semester hours). These dual-listed courses will also count toward 6 semester hours in the Certificate in Professional Selling program. Upon receiving their undergraduate degree, students will then follow the standard timetable for receiving an M.S. in Digital Marketing degree.

Admission will be on a competitive basis, and the likelihood of admission will depend on the number and quality of applicants to the program, the number and quality of applicants to the M.S. in Digital Marketing program in general, as well as other factors normally considered in admissions decisions by the Director of the M.S. in Digital Marketing program.

Integrated Certificate in Retail Management/M.S. in Digital Marketing

Admission

This program leads to both the undergraduate Certificate in Retail Management and M.S. in Digital Marketing degree. Students who want to complete this program must identify themselves to the Department of Marketing as Certificate students who will complete the integrated program. The program is open to all undergraduates who are pursuing the Certificate in Retail Management and have completed at least 90 semester hours of undergraduate course work with a minimum grade point average of 3.00. Students who have met these standards in their Certificate in Retail Management program must also apply for admission to the M.S. in Digital Marketing program under the special provisions of this program. Students must meet the application deadlines given by the Graduate School. To qualify for this program, applicants must have completed MKTG 295 and MKTG 350 with a grade of B or higher in each course, and participate in an oral interview with the Director or designated representative of the M.S. In Digital Marketing program.

Curriculum

Students must complete MKTG 295 and MKTG 350 as well as all general education requirements prior to their taking classes in the M.S. in Digital Marketing program. Having completed all course requirements for entry, students will start taking classes in the M.S. in Digital Marketing program (up to 6 semester hours). These dual-listed courses will also count toward 6 semester hours in the Certificate in Retail Management program. Upon receiving their undergraduate degree, students will then follow the standard timetable for receiving an M.S. in Digital Marketing degree.

Admission will be on a competitive basis, and the likelihood of admission will depend on the number and quality of applicants to the program, the number and quality of applicants to the M.S. in Digital Marketing program in general, as well as other factors normally considered in admissions decisions by the Director of the M.S. in Digital Marketing program.

Integrated Minor in Marketing/M.S. in Digital Marketing

Admission

This program leads to both the Minor in Marketing and M.S. in Digital Marketing degree. Students who want to complete this program must identify themselves to the Department of Marketing as minors who will complete the integrated program. The program is open to all undergraduates who have registered for the Minor in Marketing and have completed at least 90 semester hours of undergraduate course work with a minimum grade point average of 3.00. Students who have met these standards in their Minor in Marketing program must also apply for admission to the M.S. in Digital Marketing program under the special provisions of this program. Students must meet the application deadlines given by the Graduate School. To qualify for this program, applicants must have completed MKTG 295 and MKTG 370 with a grade of B or higher in each course, have satisfactorily completed ECON 260, PSYC 102, and UBUS 223 (or equivalent) with a grade of B or higher in each course, and participate in an oral interview with the Director or designated representative of the M.S. in Digital Marketing program.

Curriculum

Students must complete all the pre-admission requirements for the Minor in Marketing as well as all general education requirements, MKTG 295 and MKTG 370 prior to their taking classes in the M.S. in Digital Marketing program. Once admitted into the Minor in Marketing/M.S. in Digital Marketing program and having completed all course requirements for entry, students will start taking classes in the M.S. in Digital Marketing program (up to 9 semester hours). These dual-listed courses will also count toward 9 semseter hours in the Minor in Marketing. Upon receiving their undergraduate degree, students will then follow the standard timetable for receiving an M.S. in Digital Marketing degree. Admission will be on a competitive basis, and the likelihood of admission will depend on the number and quality of applicants to the program, the number and quality of applicants to the M.S. in Digital Marketing program in

general, as well as other factors normally considered in admissions decisions by the Director of the M.S. in Digital Marketing program.

Operations Management and Information Systems (OMIS)

The Department of Operations Management and Information Systems (OM&IS) prepares students for professional careers relating to the analysis, design, implementation, and management of operations and information systems in organizations. The operations and information management program stresses the integration of business process improvement with the application of information technology. All OM&IS majors take courses in supply chain management, database management, enterprise resource management, as well as process and quality management. The OM&IS curriculum is designed to support the skills associated with effective problem solving, teamwork, communication, and leadership.

With the guidance of the department chair or advisor, students are able to focus their major electives toward areas like Supply Chain Management, Data Analytics, or Information Technology Management.

Supply Chain Management prepares students for entry-level positions as supply chain analysts. Courses in the Supply Chain Management area of study focus on the concepts, processes, and strategies associated with supply chain management in today's global economy.

Data Analytics prepares students for entry-level positions as business data analysts. Courses in Data Analytics focus on the concepts, techniques, and strategies associated with analyzing large amounts of quantitative and qualitative data to support organizations decision making.

Information Technology Management prepares students for entry-level positions as information technology analysts. Courses in the Information Technology Management area of study focus on the analysis, design, and implementation of information technology solutions that support organizations in a global networked environment.

Operations Management and Information Systems Program Competencies and Learning Objectives

Graduates of the Bachelor of Science in Operations and Information Management program are expected to achieve these program competencies and learning objectives in addition to the College of Business Undergraduate Learning Competencies and Objectives.

Core Programs Competencies and Learning Objectives

1. Processes: To Provide The Student With The Knowledge to Manage Business Processes.

- The student recognizes that businesses are a collection of processes.
- The student can evaluate business processes.
- The student can apply process improvement methods.

2. Technology: To Provide The Student With The Knowledge to Apply Information Technology Effectively.

- The student can compare hardware, software, and networking technologies.
- The student can create and manage databases.
- The student can select information technologies to improve organizational problems.

Area of Study Program Competencies and Learning Objectives

3. Supply Chain Management: To Provide the Student With the Knowledge to Manage Supply Chains.

- The student can analyze and solve supply chain problems.

4. Data Analytics: To Provide the Student With the Knowledge to Analyze Business Data.

- The student can apply data analytic techniques for decision making.

5. Information Technology Management: To Provide the Student With the Knowledge to Develop and Implement IT Solutions.

- The student can analyze the requirements for a proposed information technology solution.

Department Requirements

Satisfactory completion of OMIS 338 and OMIS 351 as evidenced by a grade of C or better is required before a student majoring in operations and information management is allowed to enroll in any other 300- or 400-level OMIS courses (except OMIS 324). To be retained as a major in the department, a student may not repeat more than two OMIS courses.

All operations and information management majors must satisfactorily complete a portfolio of a selected collection of their operations management and information systems assignments to be turned in no later than the last week of classes in the semester that they plan to graduate. Instructions for portfolio content may be found in the Department of Operations Management and Information Systems.

To graduate as an operations and information management major, a student must earn a grade of at least C in each course required in the major, which includes courses in the Fundamental Business Requirements, required OMIS courses, and all electives required for the major.

Upper-level (300- or 400-level) OMIS courses will not be accepted from other educational institutions without permission from the department.

OMIS 458, Internship in Operations and Information Management, cannot be permanent employment, cannot be taken as the last course in the program, and cannot be applied as elective credit in the program.

Internships in Operations and Information Management

Operations and information management majors of junior-year standing are encouraged to apply for the department internship program. Applications are evaluated by the department chair and internship coordinator on the basis of a minimum 2.75 overall GPA and a 3.00 GPA or above in the major, recommendations from the business community, and relevance of the proposed internship to professional career needs. Individual internships of 3 semester hours may be repeated for a maximum of 6 semester hours of internship credit. All internships must be approved by the department and supervised by the internship coordinator. In order to gain the full benefit of an internship experience, enrollment in the program will be limited to those positions created as internships or cooperative education experiences. Permanent positions will not count as internships. Credit earned in this program may not be used to satisfy operations and information management elective requirements. Additional information regarding the operations and information management internship program is available in the department office.

Operations Management and Information Systems Faculty

Chang Liu, D.B.A., Mississippi State University, professor, chair
Xinyan Cao, Ph.D., University of Wisconsin-Milwaukee, assistant professor
Charles E. Downing, Ph.D., Northwestern University, Distinguished Teaching Professor
Kishen Iyengar, Ph.D., University of Texas, assistant professor
Jinhak Kim, Ph.D., Purdue University, assistant professor
Jung Young Lee, Ph.D., Michigan State University, associate professor
Yipeng Liu, Ph.D., University of Florida, associate professor
Kathleen L. McFadden, Ph.D., University of Texas, Arlington, Board of Trustees Professor
Biagio Palese, Ph.D., Louisiana State University, assistant professor
John Pendergrass, Ph.D., University of Illinois, visiting assistant professor
Charles G. Petersen, Ph.D., Indiana University, professor
Balaji Rajagopalan, Ph.D., University of Memphis, professor
Andrew J. Setterstrom, Ph.D., Southern Illinois University, associate professor
Ying Wang, Ph.D., Texas Tech University, assistant professor
Jiao Wu, Ph.D., University of Wisconsin-Milwaukee, assistant professor

Majors

Operations and Information Management (B.S.)

Limited Retention Requirements

All majors in the College of Business are limited retention to assure students' continuing competence. Students who want to continue their enrollment in the College of Business must fulfill the College of Business Limited Retention criteria

All business majors must complete the Fundamental Business Requirements with a minimum grade of C or equivalent.

Students must meet MGMT 335 requirements to transition to departmental advising and specific major course work. Consult your advisor for course planning.

To enroll in 400-level business courses students must earn a C or better in FINA 320, MGMT 335, MKTG 295, and OMIS 338.

Additional retention requirements for each major can be found under Department Requirements.

Fundamental Business Requirements (52-55)

- ACCY 206 - Introductory Financial Accounting Credits: 3
- ACCY 207 - Introductory Cost Management Credits: 3
- ECON 260 - Principles of Microeconomics Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- ECON 261 - Principles of Macroeconomics Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- ENGL 203 - Rhetoric and Composition II, Researched Writing in the Domains Credits: 3
  Available for Foundational Studies Writing Requirement.
- OR ENGL 204 - Rhetoric and Composition, Accelerated Researched Writing in the Domains Credits: 3
  OR pass the English Foundational Studies II Examination Credits: 0
- FINA 320 - Principles of Finance Credits: 3
- MATH 211 - Calculus for Business and Social Science Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.
- OR MATH 229 - Calculus I Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.
- MGMT 217 - Legal Environment of Business Credits: 3
- MGMT 335 - Managing Individuals, Teams, and Organizations Credits: 3
- MGMT 468 - Strategic Management in a Global Economy Credits: 3
- MKTG 295 - Principles of Marketing Credits: 3

- OMIS 259 - Introduction to Business Information Systems Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- OMIS 338 - Principles of Operations Management Credits: 3
- OMIS 351 - Information Systems in Organizations Credits: 3
- OR ACCY 310 - Accounting Information Systems Credits: 3
  Accountancy students are required to take ACCY 310.
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- UBUS 100 - Career Compass Credits: 0
  This course is required for freshmen only.
- UBUS 110 - Business in Action Credits: 3
  Available for General Education Credit in the Creativity and Critical Analysis Knowledge domain.
- UBUS 200 - Passport Introduction Credits: 0
- UBUS 223 - Introduction to Business Statistics Credits: 3
- UBUS 288 - Introduction to Business Data and Analytics Credits: 3
- UBUS 400 - Passport Culmination Credits: 0

Requirements in Department (28)

- OMIS 99 - Portfolio Credits: 0
- OMIS 300 - Career Planning in Operations and Information Management Credits: 1
- OMIS 340 - Supply Chain Management Credits: 3
- OMIS 442 - Process and Quality Improvement Credits: 3
  OMIS 442 is a writing infused course.
- OMIS 452 - Database Management for Business Credits: 3
- OMIS 455 - Enterprise Resource Planning Credits: 3

Five of the following electives (15)

- OMIS 324 - Introduction to Business Data Analytic Tools Credits: 3
- OMIS 327 - Decision Analysis Credits: 3
- OMIS 352 - Managing Projects in Business Credits: 3
  OMIS 352 is a Writing Infused course.
- OMIS 400 - International Study in Operations and Information Management Credits: 3
- OMIS 444 - Manufacturing Systems Management Credits: 3
- OMIS 449 - Business Application Development Credits: 3
- OMIS 450 - Service Operations Credits: 3
- OMIS 458 - Internship in Operations and Information Management Credits: 3-6
- OMIS 460 - Business Computing Environments and Networks Credits: 3
- OMIS 462 - Business Systems Analysis, Design, and Development Credits: 3
- OMIS 472 - Introduction to Business Intelligence Credits: 3
- OMIS 473 - Data Visualization for Business Credits: 3
- OMIS 474 - Digital Analytics Credits: 3
- OMIS 475 - Internet and Web Computing Technologies Credits: 3
- OMIS 478 - Supply Chain Systems Credits: 3
- OMIS 480 - Advanced Supply Chain Management Credits: 3
- OMIS 482 - Predictive Business Analytics Credits: 3
- OMIS 485 - Current Topics in Operations Management and Information Systems Credits: 3-6
- OMIS 495 - Independent Study in Operations and Information Management Credits: 1-3
- OMIS 498 - Business Analysis Capstone Credits: 3
- UBUS 485 - Business Consulting Project Credits: 3

TOTAL HOURS FOR A MAJOR IN OPERATIONS AND INFORMATION MANAGEMENT: 80-83

General Education Requirements (6-12)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-6)

Writing Requirement (0-3)

- 3 credits satisfied by program requirement ENGL 203 or ENGL 204

Oral Communication Requirement (0-3)

Quantitative Literacy Requirements (0)

- Satisfied by program requirement MATH 211 or MATH 229

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domains (6)

Creativity and Critical Analysis (3)

- One 3-credit course selected from approved general education list. Creativity and Creative Analysis Course List
- UBUS 110, a program requirement, fulfills one of the course requirements for the Creativity and Critical Analysis Domain.

Nature and Technology (3)

- One 3-credit course selected from approved general education list. Nature and Technology Course List

- OMIS 259, a program requirement, fulfills one of the course requirements in this domain.

Society and Culture (0)

- The program requirements ECON 260 and ECON 261 fulfill the two required courses in this domain.

Knowledge Domain Elective (0)

- PSYC 102, a program requirement, fulfills the required domain elective course requirement.

Graduation Requirements (3-6)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Courses (3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (0-3)

- One course selected from the approved Writing Infused list if OMIS 352 is not taken. OMIS 352 is required in the Information Technology Management area of study. Writing Infused Course List
- OMIS 442, a program requirement, fulfills one course requirement.

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS: 9-18

TOTAL HOURS FOR ELECTIVES: 19-31

TOTAL HOURS FOR A B.S. DEGREE IN OPERATIONS MANAGEMENT AND INFORMATION SYSTEMS: 120

Minor

Minor in Business Analytics (24-25)

The minor in business analytics is offered to students across campus (all majors) to prepare students to solve complex decision problems in a business environment with a combination of quantitative skills, modeling techniques, and hands-on expertise using current software applications for data driven decision making.

Students with these skills are in high demand in a variety of industries and sectors including accounting, management, marketing, finance, information systems, operations, health care, engineering, and energy. Equipped with a solid technical foundation in data analysis and model-driven management decision making, graduates of the minor will be prepared for successful careers in this growing field.

This minor will help students develop the business analytic skills necessary to compete in today's "big data" world. Admission in the business analytics minor is competitive based on a student's overall GPA and a grade of C or better in the pre-admission courses. Students in the minor in business analytics must receive a grade of C or better in all courses.

Students must complete an application for the business analytics minor by the semester deadline. Applications and deadline dates are available in the Department of Operations Management and Information Systems.

Check departmental information for additional requirements.

Pre-Admission Requirements (9-10)

- UBUS 223 - Introduction to Business Statistics Credits: 3
- OR STAT 100 - Basic Statistics Credits: 3
- OR STAT 200 - Elementary Statistics Credits: 4
- OMIS 338 - Principles of Operations Management Credits: 3
- OMIS 351 - Information Systems in Organizations Credits: 3
- OR ACCY 310 - Accounting Information Systems Credits: 3

Core Requirements (15)

- OMIS 324 - Introduction to Business Data Analytic Tools Credits: 3
- OR STAT 324X - Introduction to Business Data Analytic Tools Credits: 3
- OMIS 327 - Decision Analysis Credits: 3
- OR ACCY 415 - Data Analytics in Accounting Credits: 3
- OMIS 452 - Database Management for Business Credits: 3
- OR MKTG 455 - Database Marketing and Data Mining Credits: 3
- OMIS 472 - Introduction to Business Intelligence Credits: 3
- OR OMIS 473 - Data Visualization for Business Credits: 3
- OR OMIS 474 - Digital Analytics Credits: 3
- OMIS 482 - Predictive Business Analytics Credits: 3

Certificate of Undergraduate Study

Business Analytics Using SAS Software - SAS Joint Certificate Program (12)

Coordinator: Academic Advisor, Department of Operations Management and Information Systems

This certificate is designed for all majors. It brings together technology, data, and strategic decision making. The certificate prepares students to solve complex business problems by using a combination of quantitative skills, modeling techniques, and SAS software applications for data driven decision making. Businesses from every industry and all disciplines are actively seeking professionals who can effectively perform Business Analytics.

SAS is the leader in business analytics application software. SAS analytical talent is in short supply and high demand in today's business world. This certificate is an SAS Joint Certificate Program approved by SAS Global Academic Program to prepare students to work in a data-rich environment.

Students must maintain good academic standing within the university, achieve a minimum grade of a C in each course applied toward the certificate, and complete all certificate course work within a period of four calendar years. Some courses may have prerequisites that are not part of the certificate curriculum.

Students interested in the certificate should contact the undergraduate advisor in the Department of Operations Management and Information Systems.

Required courses

- OMIS 324 - Introduction to Business Data Analytic Tools Credits: 3
- OMIS 452 - Database Management for Business Credits: 3
- OMIS 472 - Introduction to Business Intelligence Credits: 3
- OR OMIS 473 - Data Visualization for Business Credits: 3
- OR OMIS 474 - Digital Analytics Credits: 3
- OMIS 482 - Predictive Business Analytics Credits: 3

Enterprise Management Using SAP Software (12)

Coordinator: Academic Advisor, Department of Operations Management and Information Systems

This certificate is designed for all majors. Enterprise Management Using SAP Software is a broad category of technologies, applications, and practices for gathering, storing, accessing, and analyzing enterprise data to support effective decision making. Enterprise software is a category of computer programs used to run a business. Enterprise software is designed to solve organization-wide problems, rather than individual departmental problems. The goal for an organization adopting enterprise software is improved productivity and efficiency through better management of its core business processes. The market leader in enterprise software is SAP. A certificate in Enterprise Management Using SAP Software will allow students to understand how to run organizations more effectively by improving various business processes and using SAP technology.

Students must maintain good academic standing within the university, achieve a minimum grade of a C in each course applied toward the certificate, and complete all certificate course work within a period of four calendar years. Only courses taken at NIU may be applied toward the certificate. Courses used to satisfy the requirements for the certificate may only be applied toward an undergraduate degree with approval of the major department. Some courses may have prerequisites that are not part of the certificate curriculum.

Students interested in the certificate should contact the undergraduate advisor in the Department of Operations Management and Information Systems.

Required Courses (four of the following - 12):

- OMIS 340 - Supply Chain Management Credits: 3
- OMIS 444 - Manufacturing Systems Management Credits: 3
- OMIS 455 - Enterprise Resource Planning Credits: 3
- OMIS 472 - Introduction to Business Intelligence Credits: 3
- OMIS 478 - Supply Chain Systems Credits: 3

Information Technology Management (12)

Coordinator: Academic Advisor, Department of Operations Management and Information Systems

This certificate is designed for all majors. Organizations depend on information technology to achieve competitive advantage. A certificate in information systems will allow students to understand how the application of information technology can improve business processes.

Students must maintain good academic standing within the university, achieve a minimum grade of a C in each course applied toward the certificate, and complete all certificate course work within a period of four calendar years. Only courses taken at NIU may be applied toward the certificate. Courses used to satisfy the requirements for the certificate may only be applied toward an undergraduate degree with approval of the major department. Some courses may have prerequisites that are not part of the certificate curriculum.

Students interested in the certificate should contact the undergraduate advisor in the Department of Operations Management and Information Systems.

Required Courses

Four of the following five OMIS courses:

- OMIS 352 - Managing Projects in Business Credits: 3
  OMIS 352 is a Writing Infused course.
- OMIS 449 - Business Application Development Credits: 3
- OMIS 460 - Business Computing Environments and Networks Credits: 3
- OMIS 462 - Business Systems Analysis, Design, and Development Credits: 3

- OMIS 475 - Internet and Web Computing Technologies Credits: 3

Supply Chain Management (12)

Coordinator: Academic Advisor, Department of Operations Management and Information Systems

This certificate is designed for all majors. According to the Council for Supply Chain Management Professionals, supply chain management is an integral part of most businesses and is essential to company success and customer satisfaction by boosting customer satisfaction, reducing operating costs, improving financial position, and improving quality of life. This certificate prepares students by developing their quantitative and qualitative problem-solving skills to work in this fast-changing area.

Students must maintain good academic standing within the university, achieve a minimum grade of a C in each course applied toward the certificate, and complete all certificate course work within a period of four calendar years. Only courses taken at NIU may be applied toward the certificate. Courses used to satisfy the requirements for the certificate may only be applied toward an undergraduate degree with approval of the major department. Some courses may have prerequisites that are not part of the certificate curriculum.

Students interested in the certificate should contact the undergraduate advisor in the Department of Operations Management and Information Systems.

Required Courses (12)

Four of the following five OMIS courses

- OMIS 327 - Decision Analysis Credits: 3
- OMIS 340 - Supply Chain Management Credits: 3
- OMIS 444 - Manufacturing Systems Management Credits: 3
- OMIS 478 - Supply Chain Systems Credits: 3
- OMIS 480 - Advanced Supply Chain Management Credits: 3

The Degree with Honors

Operations Management and Information Systems Honors Program

NIU University Honors students who graduate with a B.A. or B.S. are guaranteed admission into the Master of Science in Data Analytics (MSDA) and Master of Science in Management Information Systems (MS MIS) programs as space permits.

Accelerated Integrated Degree

Accelerated B.S. in Operations and Information Management (O.I.M.)/M.S. in Management Information Systems (MIS)

Admission

This program leads to both the B.S. in O.I.M. and M.S. in MIS degrees. Students who want to complete this program must identify themselves to the Department of Operations Management and Information Systems as majors who will complete the accelerated program. The program is open to all undergraduates who major in Operations and Information Management and have at least 90 credit hours of undergraduate course work with a minimum grade point average of 3.00. Students who have met these standards in their B.S. in Operations and Information Management degree program must also apply for admission to the M.S. in MIS program under the special provisions of this program and meet the application deadline.

Curriculum

Once admitted into the B.S. in O.I.M./M.S. in MIS program and having completed all course requirements for entry, students will start taking classes in the M.S. in MIS program (up to 12 semester hours) which will also count toward 12 semester hours in the undergraduate degree. Upon receiving their undergraduate degree, students will then follow the standard timetable for receiving an M.S. in MIS.

College of Education

Laurie Elish-Piper, Ph.D., dean
David A. Walker, Ph.D., associate dean, academic affairs
Todd A. Gilson, Ph.D., associate dean, research, resources, and innovation.

The departments of the College of Education offer baccalaureate programs leading to the degrees Bachelor of Science (B.S.) and Bachelor of Science in Education (B.S.Ed.). The College of Education offers a contract major leading to the B.S. degree.

Department Names and Undergraduate Programs Offered

Department of Counseling and Higher Education

Department of Curriculum and Instruction

B.S.Ed. in elementary education
B.S.Ed. in middle level teaching and learning

Department of Educational Technology, Research and Assessment

B.S. in applied management

Department of Kinesiology and Physical Education

B.S. in kinesiology
B.S.Ed. in physical education
B.S. in sport management

Department of Leadership, Educational Psychology and Foundations

Department of Special and Early Education

B.S. in early childhood studies
B.S.Ed. in special education

State Requirements for Educator Licensure

State of Illinois Mandated Testing

Candidates must take and pass any state mandated tests prior to student teaching (tests may vary by program).

Grade Minimum

All professional education and content-area course work that forms part of an application for licensure, endorsement, or approval must have been passed with a grade no lower than C or equivalent in order to be counted towards fulfillment of the applicable ISBE requirements. Students must see individual program advisors for list of courses.

Dean's List Criteria

The College of Education recognizes undergraduates whose academic performance has been outstanding through the Dean's List. The Dean's List recognizes those students who achieve a GPA of 3.75 or higher (on a 4.00 scale) while completing a minimum of 12 graded semester hours within a fall or spring semester.

Literacy Clinic Services

The university offers clinical services in literacy to both elementary and secondary school students. Parents and school officials may avail themselves of this service by directing their correspondence to the director of the Literacy Clinic.

One of the clinic's main purposes is to provide a greatly needed service, but it also plays an important role in the program of graduate students who wish to specialize in the teaching of literacy or to become clinicians. Through the clinic, teachers are provided an opportunity to make diagnostic studies of children who have literacy problems.

Contract Major

Education B.S. Contract Major

Contract Major - Education

The College of Education offers students opportunities for constructing an individualized program of study which differs from the university's regular major and minor programs. Such an individualized course of study, termed the B.S. contract major, utilizes existing university courses. The requirement of the contract major replaces the requirement of a regular departmental major. (See the section "University Graduation Requirements.")

The B.S. contract major allows a student with unusual and well defined academic interests to design a major with the advice of a faculty sponsor.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/Outcomes/general.pdf.

Admission

Students seeking approval for a contract major in the College of Education must have at least sophomore standing and must file an application with the College of Education. Information and forms can be obtained from the College of Education student services office.

Requirements

A student may formulate a proposal for a major program of study appropriate to the College of Education which differs

substantially from existing major programs but utilizes existing courses. The student must select a faculty sponsor from the major department in the College of Education in which the majority of the course work is being taken. The student formulates the proposal in consultation with the faculty sponsor. The program must be logically structured around a meaningful and interesting theme or topic. Students desiring programs involving a substantial amount of course work in colleges other than the College of Education will be required to secure a cosponsor from the discipline housing such course work.

The student who wishes to propose a B.S. contract major must

- have a cumulative GPA of at least 2.50.
- justify the new curriculum and define the goal to be achieved.
- design a multidisciplinary program that may be accommodated within existing university resources and facilities. The program may include internships, independent study, or special projects on or off campus, but no more than 12 semester hours of course work for these kinds of activities will be permitted in the contract.
- include in the program at least 50 semester hours of credit in courses basic to the area of study. These 50 semester hours
- may not be used to fulfill general education requirements;
- must include at least 35 semester hours of course work offered by the College of Education;
- must include at least 30 semester hours of course work at the 300-400 level (of the 40 total upper-division hours required by the university);
- must include at least 15 semester hours outside the department in which courses for the contract major are primarily offered; must include a capstone experience

A student's program of study must be approved by the student's faculty sponsor, the curriculum committee of the department in which the majority of course work is being taken, the College of Education Curriculum Committee, and the College of Education Associate Dean for Academic Affairs.

A student who completes an approved contract major and all other graduation requirements will receive the degree Bachelor of Science with a contract major in _____ (the theme specified in the contract).

The college reserves the right to deny contract majors that overextend the resources of a department.

List of courses

UEDU 101 - Skills for Undergraduate Success

UEDU 300 - Contemporary Issues in Education

Interdisciplinary College Administered Programs

Majors

Applied Management (B.S.)

General Information

Admission to the major is limited to students (1) holding an A.A.S. in a discipline directly related to the program emphasis, or students holding an A.A./A.S. degree, and (2) who can demonstrate that they have significant professional experience related to the program emphasis. Admission will be determined by the appropriate program emphasis faculty. All majors must meet NIU's requirements for general education (21-33 hours), complete a minimum of 40 hours of course work at the 300-400 level, and earn a minimum of 30 hours at NIU. Up to 30 hours of proficiency credit can be applied toward the 120-credit-hour university graduation requirements with the approval of the department adviser and chair. The completion of a culminating experience (e.g., senior seminar, capstone course or project, or internship, etc.) is required.

B.S. in Applied Management Degree Completion Program

The B.S. in Applied Management (with an emphasis in either Instructional Technology, Training and Evaluation or Equity Leadership and Mentoring) degree completion program is designed to award credit to practicing professionals for their recent education and previous learning experiences in the area relevant to the proficiency credit being requested. In addition to the course requirements outlined below, up to 30 semester hours of credit may be awarded for documented prior learning through professional experiences and non-traditional learning in an area related to the emphasis. Credit will be awarded based on evaluation of a professional portfolio. These credits will be held in "escrow" and will be posted to the student's transcript upon the completion of all designated course work for the applied management degree. Students interested in the B.S. in Applied Management degree completion program should contact a program adviser for a preadmission interview and course counseling session. Attained proficiency credits may be used for the majoring emphasis only, and may not be applied to other emphases in the B.S. in Applied Management degree program. Students in these emphases are exempt from the 30 semester hour university residence requirement.

Core Requirements (21)

- ACCY 288 - Fundamentals of Accounting Credits: 3
- ETR 340 - Survey Methods for Training and Evaluation Credits: 3
- ETR 431 - Program/Performance Evaluation Credits: 3

- ETT 311 - Instructional Media Literacy, Prototyping and Publication Credits: 3
- ETT 329 - Learning in the Digital Age Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- ETT 464 - Human Performance Technology Credits: 3
- ETT 490 - Workshop in Instructional Technology Credits: 1-3
  Students must take 3 semester hours in this course.

Emphasis in Instructional Technology, Training and Evaluation

The emphasis in Instructional Technology, Training and Evaluation is designed to provide students with occupationally-relevant skills and knowledge in the area of instructional design and assessment, training and learning media development, and human performance technology.

Students will acquire the conceptual and technical basis of instructional design, obtain hands-on experience with various interactive and evaluation technologies and programming, and have the opportunity to engage in collaborative works in authentic environments. Moreover, students will be participating in internships or portfolio development to gain valuable hands-on experience in the working world and increase their chances for future employment.

This is primarily an online program.

Emphasis Required Courses (19)

- ETR 450 - Data Analysis for Design and Evaluation Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- ETR 492 - Special Topics in Research and Assessment Credits: 1-3
  Students must take 3 semester hours in this course.
- OR ETR 497 - Independent Research in Research and Assessment Credits: 1-3
  Students must take 3 semester hours in this course.
- ETRA 490 - Professional Portfolio Assessment Credits: 1
- ETT 310 - Instructional Design Models, Strategies and Tactics Credits: 3
- ETT 448 - Instructional Architecture for Learning Applications Credits: 3
- ETT 459 - Learner-Centered Educational Courseware Development Credits: 3
- ETT 492 - Special Topics in Instructional Technology Credits: 1-3
  Students must take 3 semester hours in this course.
- OR ETT 497 - Independent Study in Instructional Technology Credits: 1-3
  Students must take 3 semester hours in this course.

Additional Requirements (21)

Additional courses selected with advisor assistance and approval are required in communications, media production, computer applications, psychology, and math.

Total hours for Emphasis in Instructional Technology, Training and Evaluation: 40

Emphasis in Equity Leadership and Mentoring

The emphasis in Leadership and Mentoring equips students with the requisite skills to make a positive impact with colleagues and in the general workforce.

As socio-cultural changes have dramatically influenced the diversity of employment options, the need for adaptation of educational options for the changing demographic population, job expectations, and the constantly changing educational landscape of the global community must also be met. As such, this emphasis bridges the gap for employers who need individuals who can work collaboratively with language learners, informal educational agencies, and various local, state, regional, national, and international administrations.

This is primarily an online program.

Emphasis Required Courses (40)

- BKST 211 - Educating African Americans Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- OR LTIC 301 - Teaching with a Multicultural Perspective Credits: 3
- COUN 425 - Human Relations Skills and Strategies Credits: 3
- EPS 300 - Educational Psychology Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- EPS 418 - Human Motivation and Learning Credits: 3
- EPFE 302 - Advocacy, Justice and Leadership in a Diverse Society Credits: 3
- EPFE 430 - Comparative and International Education Credits: 3
- EPFE 440 - Education for Social Justice Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- LEEA 329 - Spiritually-Centered Leadership Credits: 3
- LEEA 327 - Mentoring Diverse Populations Credits: 3
- LTIC 400 - Introduction to Teaching Multilingual Learners Credits: 3
- LTIC 420 - Methods and Materials for Teaching Multilingual Learners in the Content Areas Credits: 3
- KNPE 233 - Career Development and Academic Success in Kinesiology and Physical Education Credits: 1

- KNPE 365 - Introduction to Adventure Education Credits: 3
- KNPE 494 - Internship in Kinesiology Credits: 1-6 Students must complete a minimum of 3 semester hours in this course.

Total hours for Emphasis in Equity Leadership and Mentoring: 40

Counseling and Higher Education (COUN, HESA, SCL)

The Department of Counseling and Higher Education offers selected specialized courses developed to meet the needs of the university community.

All instructors will take roll during the first week of classes. A properly registered student has the legal right to a "seat" for a reasonable length of time, defined by the Department of Counseling and Higher Education as the first class meeting after the university add/drop date. Instructors reserve the right to drop administratively any student who has not attended class during this time period.

Counseling and Higher Education Faculty

Suzanne E. Degges-White, Ph.D., University of North Carolina at Greensboro, professor, chair
Melissa Fickling, Ph.D., University of North Carolina at Greensboro, associate professor
Yenitza Guzman, Ph.D., Governors State University, clinical assistant professor
Kimberly A. Hart, Ph.D., Northern Illinois University, clinical assistant professor
Xiaodan Hu, Ph.D., University of Florida, associate professor
Quortne Hutchings, Ph.D., Loyola University Chicago, assistant professor
Dana Isawi, Ph.D., University of North Carolina at Charlotte, assistant professor
Katy S. Jaekel, Ph.D., Iowa State University, associate professor
Carrie A. Kortegast, Ph.D., Iowa State University, associate professor
Injung Lee, Ph.D., University of Iowa, assistant professor
Jacqueline Mac, Ph.D., Indiana University, assistant professor
Gudrun Nyunt, Ph.D., University of Maryland, assistant professor
Timothy Schoonover, Ph.D. University of Arkansas, assistant professor
Peitao Zhu, Ph.D., Syracuse University, assistant Professor

Minor

Minor in Counseling (18)

The counseling minor is appropriate for undergraduate students who may be interested in a wide range of careers, including school counseling, rehabilitation counseling or mental health counseling, counseling psychology, clinical psychology, social work or related fields.

Communication and interpersonal skills are essential components across disciplines. The counseling minor provides both the academic and experiential preparation for the student planning a career working with diverse populations in various fields. The courses in the minor will present an overview of the counseling profession, exploration of multiculturalism and diversity, development of communication skills and introductory helping skills, and career preparation. The minor is designed to complement a wide range of academic majors and to provide students with the knowledge and skills necessary for professional and personal success post-graduation. Students who successfully complete the minor in counseling will be prepared to work in social services, mental health agencies, and virtually any business setting in which strong communication or interpersonal skills are needed. This minor also prepares students for graduate studies in counseling, psychology, social work, or related helping professions.

Students must complete 18 semester hours for this minor. Elective courses for the minor are chosen to complement the student's background, interests, and career plans.

Required courses (12)

- COUN 211 - Career Planning Credits: 3
- COUN 400 - Exploration in the Counseling Profession Credits: 3
- COUN 425 - Human Relations Skills and Strategies Credits: 3
- OR REHB 493 - Counseling in Rehabilitation Services Credits: 3
- SCL 100 - Foundation of Social Change Leadership Credits: 3
- OR SCL 200 - Application of Social Change Leadership Credits: 3

Elective courses (6)

- BKST 410 - Psychology of African American Experience Credits: 3
- COUN 490 - Workshop in Counseling Credits: 1-3
- COUN 493 - Crisis Intervention in the Helping Professions Credits: 3
- HDFS 230 - Child Development Credits: 3
  Available for general education credit.
- HDFS 280 - Human Development, the Family, and Society Credits: 3
  Available for general education credit.
- HDFS 284 - Introduction to Family Relationships Credits: 3
- HDFS 477 - Domestic Violence and Trauma in the Family Credits: 3

- HDFS 487 - Overview of Marriage and Family Therapy Credits: 3
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.
- PSYC 225 - Lifespan Development: Childhood Through Adulthood Credits: 3
  Available for general education credit.
- REHB 200 - Disability in Society Credits: 3
  Available for general education credit.
- REHB 300 - Psychiatric Disability in Society Credits: 3
  Available for general education credit.
- REHB 327 - Introduction to Rehabilitation Services Credits: 3
- REHB 493 - Counseling in Rehabilitation Services Credits: 3

  Additional relevant courses may be used to satisfy elective requirements upon approval by the counseling minor coordinator.

Minor in Social Change Leadership (18)

The minor in social change leadership offers students the opportunity to acquire knowledge and skills related to the theory and practice of leadership across various contexts. The minor is designed to complement a wide range of academic majors to better prepare students for professional and personal success post-graduation. The social change approach to leadership focuses on examining the intersection of social justice, ethics, and collaboration in the practice of leadership in order to promote positive social change. The minor focuses on developing critical self-reflection, analytical skills, and communication skills through the application of leadership in various contexts including student organizations, service learning and internships.

Students must complete 18 semester hours for this minor and are urged to complete SCL 100 and EPFE 302 as early as possible. Elective courses for the minor are chosen to complement the student's background, interests, and career plans, and, in some instances help satisfy knowledge domain requirements in the general education program.

Check departmental information for additional requirements.

Required courses (9)

- SCL 100 - Foundation of Social Change Leadership Credits: 3
  Available for general education credit.
- SCL 200 - Application of Social Change Leadership Credits: 3
- EPFE 302 - Advocacy, Justice and Leadership in a Diverse Society Credits: 3

Elective courses (9)

- BKST 200 - Racism in American Culture and Society Credits: 3
  Available for general education credit.
  BKST 200 also fulfills the Human Diversity Requirement.
- HESA 490 - Workshop in Higher Education and Student Affairs Credits: 1-3
  May be counted toward the minor when topic is appropriate.
- HESA 497 - Independent Study Credits: 1-3
  May be counted toward the minor when topic is appropriate.
- EPFE 300 - Ethics, the Law and Educational Policy Credits: 3
- LEEA 329 - Spiritually-Centered Leadership Credits: 3
- WGSS 350 - Lesbian, Gay, Bisexual, and Transgender Studies Credits: 3
  Available for general education credit.
  WGSS 350 also fulfills the Human Diversity Requirement.
  WGSS 350 is a writing infused course.
- NNGO 100 - Community Leadership and Civic Engagement Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Social Justice and Diversity Pathway.
- PSPA 320 - Public Service Leadership Credits: 3
- SCL 486 - Internship in Social Change Leadership Credits: 1-3
- SCL 492 - Capstone in Social Change Leadership Credits: 3
- SCL 493 - Leadership in the College Experience Credits: 3
- WGSS 101 - Introduction to Women, Gender and Sexuality Studies Credits: 3
  Available for general education credit.
  WGSS 101 also fulfills the Human Diversity Requirement.

  Courses not listed above may be used to satisfy elective requirements when the topic is appropriate and approved by the social change leadership minor coordinator.

List of courses

COUN 211 - Career Planning

COUN 400 - Exploration in the Counseling Profession

COUN 410 - Foundations of Career Education

COUN 425 - Human Relations Skills and Strategies

COUN 490 - Workshop in Counseling

COUN 493 - Crisis Intervention in the Helping Professions

COUN 497 - Independent Study

HESA 402 - Introduction to Student Affairs

HESA 422 - College Student Development

HESA 490 - Workshop in Higher Education and Student Affairs

HESA 492 - Special Topics in Higher Education and Student Affairs

HESA 497 - Independent Study

SCL 100 - Foundation of Social Change Leadership

SCL 200 - Application of Social Change Leadership

SCL 486 - Internship in Social Change Leadership

SCL 492 - Capstone in Social Change Leadership

SCL 493 - Leadership in the College Experience

Curriculum and Instruction (LTCY, LTIC, LTLA, LTRE, MLTL, TLCI, TLEE)

The Department of Curriculum and Instruction offers course work in elementary education; middle level teaching and learning; and literacy, intercultural, and language education; including work in reading, the language arts, children's literature, bilingual education, English as a second language, social studies education, science education, teacher education, and multicultural education in addition to course work in curriculum and instruction.

The department offers the B.S.Ed. degree with either a major in elementary education, to prepare candidates to obtain professional educator licensure in grades 1-6; or a major in middle level teaching and learning, to prepare candidates to obtain professional educator licensure in grades 5-8, which meet State of Illinois approval. Candidates who successfully complete one of these programs and pass the state mandated Teacher Performance Assessment will have completed all required ISBE and CAEP standards for receiving university recommendation for licensure. Successful completion of one of these programs without receipt of a passing score on the state mandated Teacher Performance Assessment may result in the candidate receiving a degree without university recommendation for licensure in grades 1-6(elementary education) or 5-8 (middle level grades).

Curriculum and Instruction Faculty

Sally Blake, Ph.D., University of Mississippi, professor, chair
James A. Cohen, Ph.D., Arizona State University, associate professor
Laurie Elish-Piper, Ph.D., University of Akron, Distinguished Teaching Professor, Presidential Engagement Professor
Joseph Flynn, Ph.D., Michigan State University, associate professor
Melanie D. Koss, Ph.D., University of Illinois at Chicago, professor
Jodi Lampi, Ph.D., Texas State University, associate professor
Michael Manderino, Ph.D., University of Illinois at Chicago, associate professor
David Nieto, Ph.D., University of Massachusetts at Boston, assistant professor
David Paige, Ed.D., University of Memphis, professor
Mariana Ricklefs, Ph.D., University of Illinois at Urbana-Champaign, assistant professor
Eui-kyung Shin, Ph.D., University of South Carolina, professor
John Evar Strid, Ph.D., Northwestern University, associate professor
Kimberlyn Suedbeck, Ed.D., National Lewis University, clinical assistant professor
Donna E. Werderich, Ed.D., Northern Illinois University, professor
Corrine M. Wickens, Ph.D., Texas A&M University, professor
Elizabeth Wilkins, Ph.D., Southern Illinois University, professor
C. Sheldon Woods, Ph.D., Kansas State University, associate professor

Majors

Elementary Education (B.S.Ed.)

The Bachelor of Science in Education (B.S.Ed.) degree in Elementary Education is designed to prepare future educators with the knowledge and pedagogical approaches necessary to serve the needs of young learners. The program has been designed so candidates choose one emphasis.

All students seeking admission are required to have an overall minimum NIU GPA of 2.75 and receive a grade of C or better in all professional education course work. Candidates seeking professional educator licensure must pass any state-mandated tests for licensure/certification prior to student teaching. Candidates must also pass the Elementary Education (Grades 1-6) content area test (test code 197-200) prior to student teaching. See also "Educator Licensure Information."

Retention

Retention in elementary education is contingent on maintaining an NIU cumulative GPA of 2.75 or higher, having a grade of C or better in all professional education courses and successful completion of all clinical/field experiences. All course requirements (in and outside the department and in the area of study) require a grade of C or better. Students are encouraged to maintain close contact with their advisers as the program is tightly sequenced.

All candidates pursuing the B.S.Ed. degree with a major in elementary education must choose an emphasis in one of the following: Bilingual/ESL, Early Childhood Education, Early Childhood with Special Education approval, Elementary Mathematics Education, Reading Teacher, or Special Education. Coursework in Bilingual/ESL, Early Childhood Education, Reading Teacher, and Special Education with the addition of an Illinois Professional Testing Standards (IPTS)

test, leads to recommendation for additional endorsements on a teaching license. Early Childhood Education with Special Education coursework with successful completion of appropriate IPTS test leads to endorsement in Early Childhood Education with state approval in special education. Candidates must complete all required course work for these endorsements.

Students who successfully complete the program will have completed all required ISBE and CAEP standards for educator licensure. However, to be licensed in the state of Illinois, students must also pass the EdTPA.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Requirements in Department (37-38)

- LTIC 301 - Teaching with a Multicultural Perspective Credits: 3
  LTIC 301 fulfills the Human Diversity Requirement.
- LTIC 420 - Methods and Materials for Teaching Multilingual Learners in the Content Areas Credits: 3
- LTLA 341 - Language Arts in the Elementary School Credits: 3
  LTLA 341 is a Writing Infused Course.
- LTRE 300 - Elementary School Developmental Reading Programs Credits: 3
- LTRE 350 - Content Area Literacy for Elementary Education Credits: 3
- TLEE 282 - Educational Participation in Clinical Experiences: Elementary Education Credits: 1
- OR EPS 282X - Educational Participation in Clinical Experiences: Elementary Education Credits: 1
- TLEE 342 - The Teaching of Social Studies in the Elementary School Credits: 3
- TLEE 344 - Teaching Science in the Elementary School Credits: 3
- TLEE 382 - Clinical Experience in Elementary School Curriculum and Instruction Credits: 1
- TLEE 383 - Elementary Education Professional Year I: Internship to Student Teaching Credits: 2
- TLEE 385 - Differentiation in Elementary School Instruction: Field Experience with Diverse Learners Credits: 1
- TLEE 461 - Seminar in Elementary School Teaching Credits: 1
- TLEE 485 - Elementary Education Professional Year II: Student Teaching to Practitioner Credits: 3-12
  Students must take 10 credit hours in this course

Requirements outside Department (57)

- ARTE 383 - Teaching Art in Elementary Schools Credits: 3
- OR MUED 360 - Fundamentals, Principles, and Practices in Elementary Music Credits: 3
- ECON 160 - Contemporary Economic Issues Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  This is a society and culture general education course for the Sustainability Pathway.
- OR ECON 260 - Principles of Microeconomics Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- OR ECON 261 - Principles of Macroeconomics Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- EPFE 410 - Philosophy of Education Credits: 3
  EPFE 410 is a writing infused course.
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- EPS 300 - Educational Psychology Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
  This is a Creativity and Critical Analysis general education course for the Learning Pathway.
- EPS 304 - Development of the Elementary School Child Credits: 3
- EPS 450 - Classroom Management for Elementary Educators Credits: 3
- ETR 430 - Classroom Assessment in Elementary Education Credits: 3
- ETT 229 - Computers in Education Credits: 3
  OR passing score on ETT Proficiency Examination
- GEOG 201 - Introduction to Human Geography Credits: 3
- OR GEOG 202 - World Regional Geography Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  GEOG 202 also fulfills the Human Diversity Requirement.
  This is a society and culture general education course for the Origins and Influences Pathway.
- HIST 260 - American History to 1865 Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
  HIST 260 also fulfills the Human Diversity Requirement.
  This is a creativity and critical analysis general education course for the Social Justice and Diversity Pathway.
- OR HIST 261 - American History since 1865 Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
  HIST 261 also fulfills the Human Diversity Requirement.
  This is a creativity and critical analysis general education course for the Sustainability Pathway.
- KNPE 245 - Physical Education for Children Credits: 3

- MATH 110 - College Algebra Credits: 3
- OR MATH 104 - Supplemental Review for College Algebra Credits: 1
- AND MATH 105 - College Algebra with Review Credits: 3
- MATH 201 - Foundations of Elementary School Mathematics Credits: 3
  Available for Foundational Studies Quantitative Literacy Requirement.
- MATH 402 - Methods of Instruction in the Mathematics Curriculum for Elementary School I Credits: 3
- MATH 403 - Methods of Instruction in the Mathematics Curriculum for Elementary School II Credits: 3
- POLS 100 - American Government and Politics Credits: 3
  Available for general education credit.
- OR POLS 150 - Democracy in America Credits: 3
  Available for general education credit.
- OR POLS 210 - Introduction to Law and Courts Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Sustainability Pathway.
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.
- SESE 240 - Introduction to Special Education Credits: 3
- SESE 456 - Methods for Collaboration and Inclusion for Elementary Education Teachers Credits: 3

Science laboratory

Candidates must complete one course from each of the following science areas: Biological, Physical, and Earth & Space Science. Science course work must include at least one laboratory course.

Biological Science Courses

- BIOS 103 - General Biology Credits: 3
- AND BIOS 105 - General Biology Laboratory Credits: 1
  Both BIOS 103 and BIOS 105 are available for general education credit.
- OR BIOS 106 - Environmental Biology Credits: 3
  Available for general education credit.
- OR BIOS 109 - Human Biology Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.

Physical Science Courses

- CHEM 100 - Chemistry in Everyday Life Credits: 3
  Available for general education credit.
- OR CHEM 110 - Chemistry Credits: 3
  Available for general education credit.
- AND CHEM 111 - Chemistry Laboratory Credits: 1
  Available for general education credit.
- OR ENVS 301 - Environmental Science I: Physical Systems Credits: 3
- OR PHYS 150 - Physics Credits: 3
  Available for general education credit.

Earth and Space Science Courses

- GEOG 101 - Introduction to Environmental Geography Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Global Connections Pathway.
- OR GEOG 101 - Introduction to Environmental Geography Credits: 3 AND GEOG 102 - Introduction to Environmental Geography Laboratory Credits: 1
  GEOG 101 is a nature and technology general education course for the Global Connections Pathway.
- OR GEOG 105 - Weather, Climate, and You Credits: 3
  Available for general education credit.
- OR GEOG 105 - Weather, Climate, and You Credits: 3 AND GEOG 106 - Weather and Climate Laboratory Credits: 1
- OR GEOL 103 - Planetary and Space Science Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Origins and Influences Pathway.
- OR GEOL 105 - Geologic Resources and the Environment Credits: 3
  Available for general education credit.
- OR GEOL 120 - Planet Earth Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Origins and Influences Pathway.
- OR GEOL 120 - Introductory Geology Credits: 3 AND GEOL 121 - Planet Earth Laboratory Credits: 1
  Both GEOL 120 and GEOL 120 are available for general education credit.
- OR PHYS 162 - Elementary Astronomy Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Origins and Influences Pathway.

Select one of the following areas of study:

Emphasis 1. Bilingual/ESL (15)

The emphasis in Bilingual/ESL reflects the requirements of the Illinois State Board of Education and Teachers of English to Speakers of Other Languages (TESOL) standards. Successful completion of this emphasis as part of the elementary education major leads to the recommendation for the additional area of a Bilingual and/or ESL endorsement on

a teaching license. The Bilingual endorsement requires the passing of a Target Language Proficiency Exam and LTIC 435.

- LTIC 400 - Introduction to Teaching Multilingual Learners Credits: 3
  LTIC 400 fulfills the Human Diversity Requirement.
- LTIC 435 - Teaching Multilingual Learners in Bilingual Programs: Methods and Materials Credits: 3
- OR LTIC 455 - Teaching Multilingual Learners with Exceptionalities Credits: 3
- LTIC 445 - Applied Linguistics for Teachers of Multilingual Learners Credits: 3
  LTIC 445 fulfills the Human Diversity Requirement.
- LTIC 447 - Assessment of Multilingual Learners Credits: 3
- LTLA 362 - Children's Literature in a Multicultural Society Credits: 3

Emphasis 2. Early Childhood Education (18)

The emphasis in Early Childhood Education (ECE) reflects the requirements of the Illinois State Board of Education and the National Association of the Education of Young Children standards. Successful completion of this emphasis as part of the elementary education major leads to the recommendation for the additional are of ECE endorsement on a teaching license. The ECE endorsement requires passing of the appropriate IPTS Content Test.

- HDFS 230 - Child Development Credits: 3
- OR EPS 304 - Development of the Elementary School Child Credits: 3
- HDFS 284 - Introduction to Family Relationships Credits: 3
- LTRE 309 - Emerging Literacy and Beginning Reading Instruction through Age 8 Credits: 3
- SEEC 300 - Observation and Assessment of Young Children Credits: 3
- SEEC 343 - Teaching Science and Mathematics to Children Ages 5-8 Credits: 3
- SEEC 430 - Preschool and Kindergarten Curriculum Credits: 3

Emphasis 3. Early Childhood Education with Special Education Approval (18)

The emphasis in Early Childhood Special Education (ECSE) reflects the requirements of the Illinois State Board of Education, Council for Exceptional Children, and National Association of the Education of Young Children standards. Successful completion of this emphasis as part of the elementary education major leads to the recommendation for the additional are of ECSE endorsement on a teaching license. The ECSE endorsement requires passing of the appropriate IPTS Content Test.

- HDFS 230 - Child Development Credits: 3
- OR EPS 304 - Development of the Elementary School Child Credits: 3
- LTLA 305 - Language Development Credits: 3
- SEEC 343 - Teaching Science and Mathematics to Children Ages 5-8 Credits: 3
- SESE 423 - Observation and Assessment in Early Childhood Special Education Credits: 3
- SESE 424 - Methods and Strategies for Promoting Development and Teaching Infants, Toddlers, and Young Children with Disabilities and Special Needs Credits: 3
- SESE 426 - Working with and Supporting Families of Young Children with Disabilities and Special Needs Credits: 3

Emphasis 4. Elementary Mathematics Education (14)

The emphasis in Elementary Mathematics Education reflects standards established by the National Council of Teachers of Mathematics (NCTM). Successful completion of this emphasis as part of the elementary education major does not lead to the recommendation for an additional licensure area.

- MATH 229 - Calculus I Credits: 4
  Available for general education credit.
- MATH 302 - Introduction to Geometry Credits: 3
  Available for general education credit.
- STAT 200 - Elementary Statistics Credits: 4
  Available for general education credit.

One of the following (3)

- MATH 206 - Introductory Discrete Mathematics Credits: 3
  Available for general education credit.
- MATH 210 - Finite Mathematics Credits: 3
  Available for general education credit.
- MATH 303 - Introduction to Number Theory Credits: 3
- MATH 304 - History of Mathematics Through the 17th Century Credits: 3

Emphasis 5. Reading Teacher (15)

The Reading Teacher emphasis reflects the requirements of the Illinois State Board of Education and International Literacy Association standards. Successful completion of this emphasis as part of the elementary education major leads to the recommendation for the additional area of Reading Teacher endorsement on a teaching license. The Reading Teacher endorsement requires the passing of the Reading Teacher Content Test (test code 177).

- LTLA 362 - Children's Literature in a Multicultural Society Credits: 3
- LTRE 320 - Organizing for Effective Diagnostic Assessment of Reading Instruction Credits: 3
- LTRE 330 - Practicum in Reading Diagnosis Credits: 3

- LTRE 331 - Practicum in Problems of Teaching Reading Credits: 3
- LTRE 401 - Practicum in Teaching Developmental Reading: Elementary Level Credits: 3

Emphasis 6: Special Education (16)

The emphasis in Special Education reflects the requirements of the Illinois State Board of Education and the Council for Exceptional Children (CEC) standards. Successful completion of this emphasis as part of the elementary education major leads to the recommendation for the additional area of Learning Behavior Specialist I (LBS1) endorsement on a teaching license. Additional course work is required for this endorsement. The Special Education endorsement requires the passing of the Learning Behavior Specialist I Exam (test code 155).

- ETR 434 - Assessing Students with Special Needs Credits: 3
- SESE 415 - Instructional Methods for Elementary Students with Mild Disabilities: Reading, Language Arts Credits: 4
  SESE 415 is a writing infused course.
- SESE 417 - Positive Behavior Support and Classroom Management for Special Educators Credits: 3
- SESE 446 - Methods for Supporting the Social/Emotional Development of Students with Emotional/Behavior Disorders Credits: 3
- SESE 460 - Instructional Methods for Individuals with Autism and Developmental Disabilities Credits: 3

Total Hours for a Major in Elementary Education: 120-122

Middle Level Teaching and Learning (B.S.Ed.)

The Bachelor of Science in Education (B.S. Ed.) degree in Middle Level Teaching and Learning is an interdisciplinary program designed to prepare future practitioners with the content knowledge and pedagogical approaches necessary to serve the needs of young adolescent learners in specific disciplines for teacher licensure in middle level education. As a condition for obtaining a middle level teaching license (grades 5-8) in Illinois, candidates prepare for teaching in one major content area endorsement: English Language Arts, Mathematics, Science, or Social Sciences. In addition, the program has been designed so that candidates will earn endorsement in an additional area. Successful completion of the program without receipt of a passing score on the state mandated edTPA may result in the candidate receiving a degree without university recommendation for licensure.

All students seeking admission are required to have an overall minimum NIU GPA of 2.50. Additionally, students must obtain a grade no lower than C or equivalent in all professional education and content-area coursework for licensure including:: EPS 300, EPS 382, and EPS 419. These requirements must be met prior to enrollment in MLTL 302, Clinical Experience in Middle Level Curriculum and Instruction. Candidates seeking professional educator licensure must pass any state-mandated tests for licensure/certification prior to student teaching. Candidates must also pass the content tests required by their licensure field prior to student teaching. See also "Educator Licensure Information." Successful completion of the program without receipt of a passing score on the state mandated edTPA may result in the candidate receiving a degree without university recommendation for licensure.

Advisement services are available to students from freshman year through graduation. Dueto the interdisciplinary nature of the program and required course sequence, all students must plan their program of study with their middle level academic adviser. Students are responsible for utilizing advising services by responding to the periodic posted notices of deadlines for professional semester applications and schedules for registration. Teacher candidates must complete a Criminal Background Check for early clinical placements and for student teaching. See "Educator Licensure Requirements."

Check departmental information for additional requirements.

Special Requirements

Transfer students with an A.A. or A.S. degree must fulfill all general education requirements set forth by the entering catalog in order to meet educator licensure requirements.

Middle level education students must successfully complete all professional course work with a grade of C or better, or S, to continue to enroll in any of the professional courses.

Retention

Retention in the middle level education program is contingent upon maintaining a NIU cumulative GPA of 2.50 or higher, having a grade of C or better in all professional education courses, and successful completion of all clinical experiences. All course requirements (in the major content area option and minor content area option) require a grade C or better.

Students who successfully complete the program will have completed all required ISBE and CAEP standards for educator licensure.

Professional Education Requirements (53)

- ENGL 404 - Theory and Research in Written Composition Credits: 3 A. English Language Arts
  ENGL 404 is a writing infused course.
  OR ENGL 404B - Theory and Research in Written Composition: Middle Level Content Areas Credits: 3
  ENGL 404 is a writing infused course.

- EPFE 201 - Education as an Agent for Change Credits: 3
  EPFE 201 also fulfills the Human Diversity Requirement.
  Available for general education credit.
- EPS 300 - Educational Psychology Credits: 3
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Learning Pathway.
- EPS 382 - Educational Participation in Clinical Experience: Middle Level Education Credits: 1-2
- EPS 419 - The Middle School Child Credits: 3
- EPS 452 - Classroom Management for Adolescent Students Credits: 3
- ETRA 422 - Technology and Assessment for Middle Level Education and Secondary Education Credits: 4
- LTIC 420 - Methods and Materials for Teaching Multilingual Learners in the Content Areas Credits: 3
- LTRE 311 - Content Area Literacy Instruction Credits: 3
  LTRE 311 is a Writing Infused Course.
- MLTL 302 - Clinical Experience in Middle Level Curriculum and Instruction Credits: 1
- MLTL 303 - Clinical Experience in Middle Level Curriculum and Instruction Credits: 1
- MLTL 304 - Middle Level Curriculum and Instruction: Field Experience Credits: 1
- MLTL 461 - Seminar in Middle Level Student Teaching Credits: 1
- MLTL 485 - Middle Level Student Teaching Credits: 11
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.
- SESE 457 - Methods for Including Middle and Secondary Students with Exceptionalities in the General Education Classroom Credits: 3
- TLCI 422 - Middle School Organization and Instruction Credits: 3

One of the following in the major content area (3)

- GEOL 414 - Interdisciplinary Teaching of Science in Secondary and Middle Level Education Credits: 3
  GEOL 414 is a writing infused course.
- OR BIOS 414X - Interdisciplinary Teaching of Science in Secondary and Middle Level Education Credits: 3
  BIOS 414X is a writing infused course.
- OR CHEM 414X - Interdisciplinary Teaching of Science in Secondary and Middle Level Education Credits: 3
  CHEM 414X is a writing infused course.
- OR ENVS 414X - Interdisciplinary Teaching of Science in Secondary and Middle Level Education Credits: 3
  ENVS 414X is a writing infused course.
- OR PHYS 414X - Interdisciplinary Teaching of Science in Secondary and Middle Level Education Credits: 3
  PHYS 414X is a writing infused course.
- LTLA 350 - Language Arts in the Middle School Credits: 3
- MATH 404 - Methods of Instruction in the Mathematics Curriculum for Middle School I Credits: 3
- MLTL 432 - Methods and Materials of Instruction for Middle Level Social Science Credits: 3

Requirements for Endorsement in One of the Following Major Content Areas:

Major Content Area Option: English Language Arts (33)

- ENGL 200 - Literary Study: Research and Criticism Credits: 3
- ENGL 207 - Fundamentals of English Grammar Credits: 3
- ENGL 300 - Advanced Essay Composition Credits: 3 C. Licensure in Teaching
  ENGL 300C is a writing infused course.
- ENGL 315 - Readings in Shakespeare Credits: 3
  ENGL 315 is a writing infused course.
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
  Available for general education credit.
- OR ENGL 407 - Shakespeare Credits: 3
  ENGL 407 is a writing infused course.
- ENGL 322 - Language in American Society Credits: 3
  ENGL 322 is a writing infused course.
- ENGL 337 - Western Literature: Classical and Medieval Credits: 3
- ENGL 479 - Theory and Research in Literature for English Language Arts Credits: 3
  ENGL 479 is a writing infused course.
- ENGL 480 - Materials and Methods of Teaching English Language Arts Credits: 3
  Topic B: At the Middle Level - is required.
  ENGL 480 is a writing infused course.
- LTLA 363 - Young Adult Literature in a Multicultural Society Credits: 3
- LTRE 305 - Teaching Reading in the Middle Schools Credits: 3

One of the following in American Literature (3)

- ENGL 330 - American Literature to 1830 Credits: 3
  ENGL 330 is a writing infused course.
- ENGL 331 - American Literature: 1830-1860 Credits: 3
  ENGL 331 is a writing infused course.
- ENGL 332 - American Literature: 1860-1910 Credits: 3
  ENGL 332 is a writing infused course.
- ENGL 333 - American Literature: 1910-1960 Credits: 3
  ENGL 333 is a writing infused course.

Major Content Area Option: Mathematics (29-31)

- MATH 155 - Trigonometry and Elementary Functions Credits: 3
  Available for general education credit.
- MATH 229 - Calculus I Credits: 4
  Available for general education credit.
- MATH 302 - Introduction to Geometry Credits: 3
- MATH 303 - Introduction to Number Theory Credits: 3
- MATH 410 - Methods of Instruction in the Mathematics Curriculum for the Middle School II Credits: 3
  MATH 410 is a Writing Infused course.
- MATH 416 - Topics in Mathematics for Teachers Credits: 3
- STAT 200 - Elementary Statistics Credits: 4
  Available for general education credit.

Two of the following:

- MATH 210 - Finite Mathematics Credits: 3
  Available for general education credit.
- MATH 230 - Calculus II Credits: 4
- MATH 232 - Calculus III Credits: 4
- MATH 304 - History of Mathematics Through the 17th Century Credits: 3
- MATH 336 - Ordinary Differential Equations Credits: 3
- MATH 360 - Model Building in Applied Mathematics Credits: 3
  MATH 360 is a writing infused course.

Major Content Area Option: Science (33)

- BIOS 208 - Fundamentals of Cellular Biology Credits: 3
- AND BIOS 210 - Fundamentals of Cellular Biology Laboratory Credits: 1
- BIOS 209 - Fundamentals of Organismal Biology Credits: 3
- AND BIOS 211 - Fundamentals of Organismal Biology Laboratory Credits: 1
- CHEM 210 - General Chemistry I Credits: 3
  Available for general education credit.
- AND CHEM 212 - General Chemistry Laboratory I Credits: 1
  Available for general education credit.
- CHEM 211 - General Chemistry II Credits: 3
  Available for general education credit.
- AND CHEM 213 - General Chemistry Laboratory II Credits: 1
  Available for general education credit.
- GEOL 120 - Planet Earth Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for Origins and Influences Pathway.
- AND GEOL 121 - Planet Earth Laboratory Credits: 1
  Available for general education credit.
- GEOL 403 - The Nature of Scientific Inquiry Credits: 2
- OR BIOS 403X - The Nature of Scientific Inquiry Credits: 2
- OR CHEM 403X - The Nature of Scientific Inquiry Credits: 2
- OR ENVS 403X - The Nature of Scientific Inquiry Credits: 2
- OR PHYS 403X - The Nature of Scientific Inquiry Credits: 2
- PHYS 210 - General Physics I Credits: 4
  Available for general education credit.
- PHYS 211 - General Physics II Credits: 4
  Available for general education credit.
- PHYS 416 - Methods in Teaching Physical Sciences Credits: 3
- OR CHEM 416X - Methods in Teaching Physical Sciences Credits: 3
- OR GEOL 416X - Methods in Teaching Physical Sciences Credits: 3

Major Content Area Option: Social Science (34)

- ECON 425 - Economic Education Credits: 1-3
- OR ECON 160 - Contemporary Economic Issues Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Sustainability Pathway.
- GEOG 101 - Introduction to Environmental Geography Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Global Connections Pathway.
- GEOG 102 - Introduction to Environmental Geography Laboratory Credits: 1
- GEOG 202 - World Regional Geography Credits: 3
  GEOG 202 also fulfills the Human Diversity Requirement.
- HIST 170 - World History I: Problems in the Human Past Credits: 3
  HIST 170 also fulfills the Human Diversity Requirement.
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- HIST 171 - World History II: Problems in the Human Past Credits: 3
  Available for general education credit.
- HIST 260 - American History to 1865 Credits: 3
  HIST 260 also fulfills the Human Diversity Requirement.
  Available for general education credit.
- HIST 261 - American History since 1865 Credits: 3
  HIST 261 also fulfills the Human Diversity Requirement.
  Available for general education credit.
- HIST 359 - History of Illinois Credits: 3

- HIST 496 - History and Social Science Instruction for Secondary and Middle Grades Educators Credits: 3
- POLS 100 - American Government and Politics Credits: 3
  Available for general education credit.
- POLS 150 - Democracy in America Credits: 3
  Available for general education credit.
- OR POLS 305 - Political Parties and Elections Credits: 3
- OR POLS 307 - The U.S. Congress Credits: 3
- OR POLS 308 - The American Presidency Credits: 3
- OR POLS 310 - The U.S. Supreme Court Credits: 3

Requirements for Endorsement in One of the Following Minor Content Areas:

Minor Content Area Option: Art (25)

- ARTE 200 - Studio Foundations for Art and Design Educators Credits: 3
- ARTE 343 - Art and Technology in the PK-12 Classroom Credits: 3
- ARTE 344 - Development of Resources and Methods in Art and Design Education: Content and Clinical Experience at the Middle Level Credits: 4
  ARTE 344 is a writing infused course.
- ARTE 384 - History and Philosophy of Art Education Credits: 3
- ARTE 387 - Assessing Art and Design Learning, PK-12 Credits: 3
- ARTE 463 - Reading and Writing in Art and Design Education: Critical Approaches Credits: 3
  ARTE 463 is a writing infused course.
- ARTS or ARTD elective at the 300 level or above (3)
- ARTH elective at the 300 level or above (3)

Minor Content Area Option: English Language Arts (24)

- ENGL 200 - Literary Study: Research and Criticism Credits: 3
- ENGL 207 - Fundamentals of English Grammar Credits: 3
- ENGL 300 - Advanced Essay Composition Credits: 3 C. Licensure in Teaching
  ENGL 300 is a writing infused course.
- ENGL 322 - Language in American Society Credits: 3
  ENGL 322 is a writing infused course.
- ENGL 480 - Materials and Methods of Teaching English Language Arts Credits: 3
  Topic B. At the Middle Level - is required.
  ENGL 480 is a writing infused course.
- LTLA 363 - Young Adult Literature in a Multicultural Society Credits: 3
- LTRE 305 - Teaching Reading in the Middle Schools Credits: 3

One of the following (3)

- ENGL 315 - Readings in Shakespeare Credits: 3
  ENGL 315 is a writing infused course.
  Available for general education credit.
  This is a society and culture general education course for the Origins and Influences Pathway.
- ENGL 407 - Shakespeare Credits: 3
  ENGL 407 is a writing infused course.
- ENGL 413 - The Romantic Period Credits: 3
- ENGL 414 - The Victorian Age Credits: 3
  ENGL 414 is a writing infused course.
- ENGL 470 - The English Novel to 1900 Credits: 3
  ENGL 470 is a writing infused course.

Minor Content Area Option: Foreign Language Spanish (24)

- FLSP 101 - Beginning Spanish I Credits: 3
- FLSP 102 - Beginning Spanish II Credits: 3
- FLSP 201 - Intermediate Spanish I Credits: 3
- FLSP 202 - Intermediate Spanish II Credits: 3
- OR FLSP 215 - Spanish for Heritage Speakers I Credits: 3
- FLSP 301 - Spanish Grammar Credits: 3
- OR FLSP 315 - Spanish for Heritage Speakers II Credits: 3
- FLSP 311 - Spanish Conversation Credits: 3
- FLSP 361 - Spain Today Credits: 3
- OR FLSP 362 - Latin America Today Credits: 3
- FLMT 490 - Foreign Language Teaching Methods for the Elementary and Middle Schools Credits: 3
- OR FLMT 491 - Foreign Language Teaching Methods for the Middle and High Schools Credits: 3

Special requirements
Students must take an official ACTFL Oral Proficiency Interview (OPI) and score at Intermediate High or above before student teaching. This test can be scheduled and proctored by the Foreign Language Teacher Licensure advisors.

Minor Content Area Option: Health Education (24)

- PHHE 206 - Contemporary Health Concepts Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- PHHE 220 - Introduction to Health Education Credits: 3
- PHHE 300 - Health Education in the Middle and High School Credits: 3
- PHHE 315 - Introduction to Health Promotion Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Health and Wellness Pathway.

- PHHE 400 - Methods and Materials in Middle School and High School Health Education Credits: 3
- PHHE 404 - Drugs in Society Credits: 3
- PHHE 406 - Dimensions of Human Sexuality Credits: 3
- PHHE 408 - Mental and Emotional Health Credits: 3

Minor Content Area Option: Learning Behavior Specialist-1 (18)

- ETR 434 - Assessing Students with Special Needs Credits: 3
- SESE 240 - Introduction to Special Education Credits: 3
- SESE 417 - Positive Behavior Support and Classroom Management for Special Educators Credits: 3
- SESE 444 - Instructional Methods and Strategies for Middle and Secondary Students with Mild Disabilities Credits: 3
- SESE 457 - Methods for Including Middle and Secondary Students with Exceptionalities in the General Education Classroom Credits: 3
- SESE 460 - Instructional Methods for Individuals with Autism and Developmental Disabilities Credits: 3

Minor Content Area Option: Mathematics (26)

- MATH 155 - Trigonometry and Elementary Functions Credits: 3
  Available for general education credit.
- MATH 229 - Calculus I Credits: 4
  Available for general education credit.
- MATH 302 - Introduction to Geometry Credits: 3
- MATH 303 - Introduction to Number Theory Credits: 3
- MATH 404 - Methods of Instruction in the Mathematics Curriculum for Middle School I Credits: 3
- MATH 410 - Methods of Instruction in the Mathematics Curriculum for the Middle School II Credits: 3
  MATH 410 is a Writing Infused course.
- MATH 416 - Topics in Mathematics for Teachers Credits: 3
- STAT 200 - Elementary Statistics Credits: 4
  Available for general education credit.

Minor Content Area Option: Physical Education (25)

- KNDN 351 - Multicultural Dance Credits: 3
  KNDN 351 also fulfills the Human Diversity Requirement.
- KNPE 235 - Fundamental Sport Skills Credits: 3
- KNPE 302 - Assessment in Physical Education School Settings Credits: 3
- KNPE 335 - Developmental Skill-Based Approach to Teaching Credits: 3
- KNPE 340 - Growth and Motor Development Credits: 3
- KNPE 364 - Fitness Education Methods for K-12 Students Credits: 3
- KNPE 365 - Introduction to Adventure Education Credits: 3
- OR KNPE 368 - Sport Education Credits: 3
- KNPE 447 - Methods of Secondary Physical Education Credits: 3
- KNPE 492 - Special Physical Education Clinic Practicum Credits: 1-2

Minor Content Area Option: Science (24)

- BIOS 208 - Fundamentals of Cellular Biology Credits: 3
- AND BIOS 210 - Fundamentals of Cellular Biology Laboratory Credits: 1
- BIOS 209 - Fundamentals of Organismal Biology Credits: 3
- AND BIOS 211 - Fundamentals of Organismal Biology Laboratory Credits: 1
- GEOL 414 - Interdisciplinary Teaching of Science in Secondary and Middle Level Education Credits: 3
  GEOL 414 is a writing infused course.
- OR BIOS 414X - Interdisciplinary Teaching of Science in Secondary and Middle Level Education Credits: 3
  BIOS 414X is a writing infused course.
- OR CHEM 414X - Interdisciplinary Teaching of Science in Secondary and Middle Level Education Credits: 3
  CHEM 414X is a writing infused course.
- OR ENVS 414X - Interdisciplinary Teaching of Science in Secondary and Middle Level Education Credits: 3
  ENVS 414X is a writing infused course.
- OR PHYS 414X - Interdisciplinary Teaching of Science in Secondary and Middle Level Education Credits: 3
  PHYS 414X is a writing infused course.
- GEOL 403 - The Nature of Scientific Inquiry Credits: 2
- OR BIOS 403X - The Nature of Scientific Inquiry Credits: 2
- OR CHEM 403X - The Nature of Scientific Inquiry Credits: 2
- OR ENVS 403X - The Nature of Scientific Inquiry Credits: 2
- OR PHYS 403X - The Nature of Scientific Inquiry Credits: 2
- CHEM 210 - General Chemistry I Credits: 3
  Available for general education credit.
- AND CHEM 212 - General Chemistry Laboratory I Credits: 1
  Available for general education credit.
- GEOL 120 - Planet Earth Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Origins and Influences Pathway.

- AND GEOL 121 - Planet Earth Laboratory Credits: 1
  Available for general education credit.
- PHYS 150 - Physics Credits: 3
  Available for general education credit.
- AND PHYS 151 - Physics Laboratory Credits: 1
- OR PHYS 210 - General Physics I Credits: 4
  Available for general education credit.

Minor Content Area Option: Social Science (25)

- GEOG 101 - Introduction to Environmental Geography Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Global Connections Pathway.
- GEOG 102 - Introduction to Environmental Geography Laboratory Credits: 1
- GEOG 202 - World Regional Geography Credits: 3
  Available for general education credit.
  GEOG 202 also fulfills the Human Diversity Requirement.
- HIST 170 - World History I: Problems in the Human Past Credits: 3
  Available for general education credit.
  HIST 170 also fulfills the Human Diversity Requirement.
  This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- HIST 171 - World History II: Problems in the Human Past Credits: 3
  Available for general education credit.
- HIST 260 - American History to 1865 Credits: 3
  Available for general education credit.
  HIST 260 also fulfills the Human Diversity Requirement.
- HIST 261 - American History since 1865 Credits: 3
  Available for general education credit.
  HIST 261 also fulfills the Human Diversity Requirement.
- HIST 496 - History and Social Science Instruction for Secondary and Middle Grades Educators Credits: 3
- POLS 100 - American Government and Politics Credits: 3
  Available for general education credit.

Additional Endorsement Option: Bilingual/ESL (18)

- LTIC 301 - Teaching with a Multicultural Perspective Credits: 3
  LTIC 301 also fulfills the Human Diversity Requirement.
- LTIC 400 - Introduction to Teaching Multilingual Learners Credits: 3
  LTIC 400 also fulfills the Human Diversity Requirement.
- LTIC 420 - Methods and Materials for Teaching Multilingual Learners in the Content Areas Credits: 3
- LTIC 435 - Teaching Multilingual Learners in Bilingual Programs: Methods and Materials Credits: 3
  Required for Bilingual Endorsement
- OR LTIC 455 - Teaching Multilingual Learners with Exceptionalities Credits: 3
  Required for Bilingual Endorsement
- LTIC 445 - Applied Linguistics for Teachers of Multilingual Learners Credits: 3
  LTIC 445 also fulfills the Human Diversity Requirement.
- LTIC 447 - Assessment of Multilingual Learners Credits: 3

Total hours for a Major in Middle Level Teaching and Learning: 102-113

Certificate of Undergraduate Study

Middle School Literacy (15)

This certificate is designed to prepare teacher candidates with a set of courses focused on literacy instruction that is developmentally appropriate for students at the middle school level. Candidates completing this certificate will acquire the skills and techniques for developing and assessing literacy instruction, and methods for integrating literacy instruction across the middle school curriculum.

The certificate of undergraduate study in middle school literacy is open to all candidates admitted to degree or non-degree study at Northern Illinois University. Candidates who want to pursue this certificate must receive approval and advisement from the coordinator. Those who want to earn the Middle School endorsement from the Illinois State Board of Education should contact the certificate coordinator for further information. Candidates must maintain good academic standing in the university, achieve a minimum grade of C in each certificate course, and complete all certificate course work within six calendar years.

Requirements (15)

- LTLA 350 - Language Arts in the Middle School Credits: 3
- LTLA 363 - Young Adult Literature in a Multicultural Society Credits: 3
- LTRE 305 - Teaching Reading in the Middle Schools Credits: 3
- LTRE 311 - Content Area Literacy Instruction Credits: 3
  LTRE 311 is a Writing Infused Course.
- LTIC 420 - Methods and Materials for Teaching Multilingual Learners in the Content Areas Credits: 3

The Degree with Honors

Elementary Education Degree with Honors

The Elementary Education Honors Program is designed to provide exceptional students an opportunity to conduct in-depth exploration and research of topics in education. This program is intended to support the general mission of the University Honors Program with the specific goal of providing students more interaction with faculty, opportunities for undergraduate research, and exposure to research activity expected of graduate programs.

Students who wish to work toward a B.S.Ed. degree with honors in elementary education should discuss the matter with the departmental undergraduate adviser and a representative from the University Honors Program. Lower division honors for freshmen and sophomores is managed by the University Honors Program and can be achieved through the registration for honors courses that are part of general education or major requirements.

Junior and senior elementary education majors can achieve upper-division honors within the program in collaboration between the department and the University Honors Program. For juniors and seniors to be eligible for upper-division honors, they must maintain a 3.20 overall GPA and a minimum 3.20 GPA in courses required in elementary education. Admission to upper-division honors program requires the approval of the departmental undergraduate adviser and a representative of the University Honors Program. Should the student's GPA fall below the minimum requirements for an academic term, the student must achieve these standards no later than the end of the following semester to remain in the program.

Requirements for earning the elementary education baccalaureate degree "With Upper-Division Honors" include a minimum of 12 semester hours of honors courses numbered 300 or above within the major, including a seminar (outside of the major), and a capstone. The senior capstone counts toward the required hours of honors work and includes an individual research activity with a faculty member. Furthermore, the topic and scope of the independent research activity must be approved by the faculty project adviser and the college honors director. A final report of the activity is filed with both the department and the university honors program. Note: Most department honors courses are not separate courses but rather subsections of regular courses with an enriching experience. The honors student may contract an honors designation of those courses without explicit honors mini-sections.

List of courses

LTCY 100 - Individualized Competency Unit

LTCY 300 - Foundations of Instruction in Reading, Writing, and the Other Language Arts

LTIC 301 - Teaching with a Multicultural Perspective

LTIC 400 - Introduction to Teaching Multilingual Learners

LTIC 415 - Reading for Bilingual Populations

LTIC 420 - Methods and Materials for Teaching Multilingual Learners in the Content Areas

LTIC 435 - Teaching Multilingual Learners in Bilingual Programs: Methods and Materials

LTIC 445 - Applied Linguistics for Teachers of Multilingual Learners

LTIC 447 - Assessment of Multilingual Learners

LTIC 455 - Teaching Multilingual Learners with Exceptionalities

LTLA 301 - Writing for Prospective Teachers

LTLA 305 - Language Development

LTLA 341 - Language Arts in the Elementary School

LTLA 350 - Language Arts in the Middle School

LTLA 361 - Literature for the Young Child

LTLA 362 - Children's Literature in a Multicultural Society

LTLA 363 - Young Adult Literature in a Multicultural Society

LTLA 439 - Children's Literature for Linguistic Diversity

LTRE 191 - Learning to Learn: Developing Contextualized College Reading and Study Strategies for the Humanities

LTRE 192 - Learning to Learn: Developing Contextualized College Reading and Study Strategies for the Natural Sciences

LTRE 193 - Learning to Learn: Developing Contextualized College Reading and Study Strategies for the Social Sciences

LTRE 194 - Learning to Learn: Developing Contextualized College Reading and Study Strategies for General Studies

LTRE 201 - Special Topics in Advanced College Reading

LTRE 231 - Techniques of Literacy Tutoring

LTRE 300 - Elementary School Developmental Reading Programs

LTRE 305 - Teaching Reading in the Middle Schools

LTRE 309 - Emerging Literacy and Beginning Reading Instruction through Age 8

LTRE 310 - Teaching Reading in the Secondary School

LTRE 311 - Content Area Literacy Instruction

LTRE 320 - Organizing for Effective Diagnostic Assessment of Reading Instruction

LTRE 330 - Practicum in Reading Diagnosis

LTRE 331 - Practicum in Problems of Teaching Reading

LTRE 350 - Content Area Literacy for Elementary Education

LTRE 401 - Practicum in Teaching Developmental Reading: Elementary Level

LTRE 431 - Techniques of Tutoring and Learning Assistance

LTRE 490 - Workshop in Education

LTRE 497 - Independent Study

MLTL 302 - Clinical Experience in Middle Level Curriculum and Instruction

MLTL 303 - Clinical Experience in Middle Level Curriculum and Instruction

MLTL 304 - Middle Level Curriculum and Instruction: Field Experience

MLTL 432 - Methods and Materials of Instruction for Middle Level Social Science

MLTL 461 - Seminar in Middle Level Student Teaching

MLTL 485 - Middle Level Student Teaching

MLTL 492 - Special Topics in Middle Level Education

MLTL 497 - Independent Study

TLCI 300 - The Community: An Educational Resource

TLCI 340 - Elementary School Curriculum

TLCI 422 - Middle School Organization and Instruction

TLCI 424 - Methods and Materials in the Secondary School

TLCI 482 - Clinical Experiences in Outdoor Teacher Education

TLCI 483 - Outdoor Education/Laboratory Experience

TLCI 490 - Workshop in Curriculum Leadership

TLCI 491 - Special Topics in Secondary Education

TLCI 492 - Special Topics in Curriculum and Instruction

TLCI 493 - Workshop in Outdoor Education

TLCI 495 - Workshop in Secondary Education

TLCI 497 - Independent Study

TLEE 282 - Educational Participation in Clinical Experiences: Elementary Education

TLEE 342 - The Teaching of Social Studies in the Elementary School

TLEE 344 - Teaching Science in the Elementary School

TLEE 382 - Clinical Experience in Elementary School Curriculum and Instruction

TLEE 383 - Elementary Education Professional Year I: Internship to Student Teaching

TLEE 385 - Differentiation in Elementary School Instruction: Field Experience with Diverse Learners

TLEE 402X - Methods of Instruction in the Mathematics Curriculum for Elementary School I

TLEE 461 - Seminar in Elementary School Teaching

TLEE 485 - Elementary Education Professional Year II: Student Teaching to Practitioner

TLEE 490 - Workshop in Elementary Education

TLEE 492 - Special Topics in Elementary Education

TLEE 497 - Independent Study

Educational Technology, Research and Assessment (ETR, ETT)

The Department of Educational Technology, Research and Assessment offers undergraduate courses to develop core knowledge and competence in research, assessment, and instructional technology. These courses support College of Education programs as well as programs in other disciplines. The department also offers a B.S. degree completion program in Applied Management with emphasis in Instructional Technology, Training, and Evaluation. The program is designed to provide students with occupationally-relevant skills and knowledge in the area of instructional design and assessment, training and learning media development, and human performance technology.

Educational Technology, Research and Assessment Faculty

Wei-Chen Hung, Ph.D., Indiana University, professor, chair
Ximena Burgin, Ed.D., Northern Illinois University, assistant professor
Cynthia S. Campbell, Ph.D., Southern Illinois University, associate professor
Vicki L. Collins, Ph.D., University of Oregon, assistant professor
Pi Sui Hsu, Ph.D., Pennsylvania State University, associate professor
Rebecca Hunt, Ph.D., University of Toledo, associate professor
Laura Ruth Johnson, Ph.D., University of California at Berkley, associate professor
Olha Ketsman, Ph.D., University of Nebraska, Lincoln, assistant professor
Yanghee Kim, Ph.D., Florida State University, professor
Hayley J. Mayall, Ph.D., University of Connecticut, associate professor
Todd D. Reeves, Ph.D., Boston College, associate professor
Jason Rhode, Ph.D., Capella University, associate professor
Thomas J. Smith, Ph.D., University of Illinois Urbana-Champaign, professor
David A. Walker, Ph.D., Iowa State University of Science and Technology, professor
Ying Xie, Ph.D., Pennsylvania State University, associate professor
Cynthia York, Ph.D., Purdue University, associate professor

Certificate of Undergraduate Study

eLearning Design (12)

This certificate of undergraduate study in eLearning design is designed to provide students in all majors a set of four courses focused on exploring new learning environments integrated with enhanced technology while developing skills to understand the theories and practice of eLearning design. Students will examine the conceptual and technical basis of eLearning design and obtain hands-on experience with various interactive technologies and use of survey methods for evaluation purposes.

Requirements

Students must maintain good academic standing within the university, achieve a minimum grade of a C in each course applied toward the certificate, and complete all certificate course work within a period of four calendar years. Only courses taken at NIU may be applied toward the certificate. With department approval, courses may be applied toward undergraduate degree requirements in the department. Students interested in the certificate should apply no later than the beginning of their final semester prior to graduation. Applications are available in the Department of Educational Technology, Research and Assessment.

Required Courses (12)

- ETR 340 - Survey Methods for Training and Evaluation Credits: 3
- ETT 329 - Learning in the Digital Age Credits: 3
  Available for general education credit.
  This is a soceity and culture general education course for the Learning Pathway.
- ETT 439 - Developing Educational Software Credits: 3
- ETT 492 - Special Topics in Instructional Technology Credits: 1-3

List of courses

ETR 230 - Program Evaluation in the Digital Age

ETR 340 - Survey Methods for Training and Evaluation

ETR 430 - Classroom Assessment in Elementary Education

ETR 431 - Program/Performance Evaluation

ETR 434 - Assessing Students with Special Needs

ETR 440 - Classroom Assessment Techniques

ETR 450 - Data Analysis for Design and Evaluation

ETR 451 - Community-based and Participatory Action Research

ETR 492 - Special Topics in Research and Assessment

ETR 497 - Independent Research in Research and Assessment

ETRA 422 - Technology and Assessment for Middle Level Education and Secondary Education

ETRA 490 - Professional Portfolio Assessment

ETT 211 - Technology in a Diverse Society

ETT 229 - Computers in Education

ETT 231 - Digital Visual Literacy for Learning

ETT 234 - Learning with Technology

ETT 310 - Instructional Design Models, Strategies and Tactics

ETT 311 - Instructional Media Literacy, Prototyping and Publication

ETT 329 - Learning in the Digital Age

ETT 358 - Mobile Learning Design and Development

ETT 401A - Integrating Technology into the Elementary Classroom

ETT 401B - Field Experience for Integrating Technology into the Elementary Classroom

ETT 402 - Teaching and Learning with Technology

ETT 429 - Computers in Classroom Teaching

ETT 430 - Survey of Instructional Technology

ETT 439 - Developing Educational Software

ETT 448 - Instructional Architecture for Learning Applications

ETT 450 - Instructional Video I

ETT 455 - Media Design Techniques

ETT 459 - Learner-Centered Educational Courseware Development

ETT 464 - Human Performance Technology

ETT 490 - Workshop in Instructional Technology

ETT 492 - Special Topics in Instructional Technology

ETT 497 - Independent Study in Instructional Technology

Kinesiology and Physical Education (KNDN, KNPE, LESM)

The Department of Kinesiology and Physical Education offers a B.S. in kinesiology and a B.S.Ed. in physical education. The department also offers minors in kinesiology and physical education (with an interdisciplinary option), and coaching. In addition, the department offers selected courses developed to meet the needs of the university community.

The B.S.Ed. in physical education K-12 program is designed for students who plan to teach physical education at the elementary, intermediate, or secondary level. Students who

receive physical education K-12 licensure may add endorsement(s) to current license. Additional course work is necessary.

The B.S. program in athletic training is designed for students preparing to become athletic trainers (AT). In collaboration with the physician, the AT student provides services consisting of prevention, emergency care, clinical diagnosis, therapeutic intervention, and rehabilitation of injuries and medical conditions involving impairment, functional limitations, and disabilities. Athletic trainers work under the direction of physicians as prescribed by state licensure statutes.

The B.S. program in kinesiology is designed to prepare students for professional opportunities/further studies in health behavior/promotion, sport performance, sport management, and cardiac rehabilitation settings. The program provides a rigorous program of study combining classroom, laboratory, field experiences, and a culminating internship that develop students to become professionals in the health and fitness industry.

The Department of Kinesiology and Physical Education recommends high school preparation in biology, geometry, chemistry, and physics for students who plan to major or minor in any area of physical education. Such students should seek early academic advisement through the office of the coordinator of advisement.

Course information

With the exception of KNPE 100 and KNPE 111, all 100-level KNPE and KNDN courses may be repeated for credit one time only.

Courses marked with the symbol # involve risk or safety factors. The department reserves the right to deny admission to or continuation of enrollment in these courses to any student who is deemed a risk factor to others or to himself or herself.

Kinesiology and Physical Education Faculty

Todd A. Gilson, Ph.D., Michigan State University, professor
Clayton L. Camic, Ph.D., University of Nebraska-Lincoln, associate professor
Rodney L. Caughron, Ph.D., University of Iowa, associate professor
Peter J. Chomentowski, Ph.D., University of Pittsburgh, associate professor
Wonock Chung, Ph.D., University of Illinois, assistant professor

Nicholas Grahovec, Ph.D., Rocky Mountain University of Health Professions, assistant professor
Shaine E. Henert, Ph.D., University of Minnesota, associate professor
Christopher Hill, Ph.D., University of Mississippi, assistant professor
Steven M. Howell, Ph.D., Purdue University, professor, chair
Farah Ishaq, Ph.D., University of Kansas, assistant professor
Jennifer M. Jacobs, Ph.D., Northern Illinois University, associate professor
Chad D. McEvoy, Ed.D., University of Northern Colorado, professor
Dawn Norwood, Ph.D., University of Tennessee. Assistant professor

Marcella Otto, Ph.D., Louisiana State University, assistant professor
Jenny Parker, Ed.D., University of Massachusetts, associate professor
William A. Pitney, Ed.D., Northern Illinois University, professor
James D. Ressler, Ph.D., The Ohio State University, professor
Emerson Sebastião, Ph.D., University of Illinois at Urbana-Champaign, associate professor
Zachary A. Wahl-Alexander, Ph.D., University of Alabama, associate professor
Tyler Wood, Ph.D., University of Illinois at Urbana-Champaign, assistant professor
Paul M. Wright, Ph.D., University of Illinois at Chicago, Presidential Engagement Professor
Lauriece L. Zittel, Ph.D. Oregon State University, professor

Majors

Kinesiology (B.S.)

All students pursuing the B.S. degree with a major in kinesiology are required to have a university GPA of 2.50 or above and to have satisfactorily completed all required course work prior to the culminating internship, KNPE 494. Students are required to earn grades of C or better in all Kinesiology required courses and the university's foundational studies in quantitative literacy.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/plans/cedu/kinesiology-bs-assessment-plan-2014.pdf.

Check departmental information for any additional requirements.

Requirements in Department (55-56)

- KNPE 300 - Field Experience in Kinesiology Credits: 1
- KNPE 301 - Introduction to Kinesiology and Sport Professions Credits: 3
- KNPE 305 - Psychological and Sociological Aspects of Exercise and Physical Activity Credits: 3
  KNPE 305 is a writing infused course
- OR KNPE 310 - Psychological Aspects of Sport and Exercise Credits: 3
  KNPE 310 is a writing infused course.
- KNPE 314 - Applied Biomechanics Credits: 4
- KNPE 350 - Principles and Techniques of Resistance Training Credits: 3
- KNPE 443 - Principles of Exercise for Acute and Chronic Conditions Credits: 3

- KNPE 445 - Measurement and Evaluation in Exercise Science Credits: 3
- KNPE 452 - Applied Physiology of Exercise Credits: 4
- KNPE 463 - Exercise and Physical Activity across the Lifespan Credits: 3
  KNPE 463 also fulfills the Human Diversity Requirement.
- KNPE 464 - Scientific Basis of Exercise Testing, Prescription, and Progression Credits: 4
- KNPE 469 - Professional Preparation in Kinesiology Credits: 3
- KNPE 486 - Principles of Motor Learning and Performance Credits: 3
- KNPE 493 - Supervised Clinical Experience in Exercise Gerontology Credits: 1-3
  Students must take 2 semester hours in this course.
- KNPE 494 - Internship in Kinesiology Credits: 1-6
  Students must take 6 credit hours in this course.

Select three of the following (10-11)

- KNPE 461 - Physical Activity and Wellness Credits: 3
- KNPE 462 - Clinical Exercise Physiology Credits: 4
- KNPE 471 - High Performance Training Credits: 4
- LESM 438 - Sport Management Strategies Credits: 3

Requirements outside Department (18)

- BIOS 103 - General Biology Credits: 3
  Available for general education credit.
- BIOS 105 - General Biology Laboratory Credits: 1
  Available for general education credit.
- OR CHEM 111 - Chemistry Laboratory Credits: 1
  Available for general education credit.
- BIOS 357 - Human Anatomy and Physiology Credits: 5
- CHEM 110 - Chemistry Credits: 3
  Available for general education credit.
- NUTR 306 - Nutrition in Relation to Health and Exercise Credits: 2-3
  If students take only NUTR 306, they need to take it for 3 semester hours.
- OR NUTR 306 Credits: 2 AND KNPE 306 - Sports Nutrition Credits: 1
- PSYC 102 - Introduction to Psychology Credits: 3
- OR PSYC 219 - Positive Psychology Credits: 3

Total Hours for a Major in Kinesiology: 73-74

Physical Education (B.S.Ed.)

This physical education major is designed to prepare educator licensure candidates to teach physical education in grades kindergarten through 12th grade (PE K-12). Students must take KNPE 200, 203, 235, and 340 within the first 15 semester hours of their program. KNPE 335, Developmental Skill Based Approach to Teaching, must be taken within the first 30 semester hours of their program. All students seeking licensure to teach physical education must submit a satisfactory electronic teaching portfolio to complete student teaching requirements. Students are urged to take KNPE 200, Introduction to Teaching Physical Education, during their first semester in order to begin the portfolio.

To remain a major in physical education, candidates must (a) maintain a cumulative GPA of 2.75 or better, (b) receive a grade of C or better in professional and clinical coursework, and (c) pass all state-mandated licensure tests the semester before enrolling in student teaching courses.

These requirements must be met prior to admission to KNPE 302. Admission to KNPE 302 constitutes admission to teacher education in physical education. Once admitted to the program, students must provide proof of valid First Aid/CPR certification (American Red Cross or American Heart Association) each semester. In accordance with ISBE requirements, students must earn a grade of C or better in the following courses in order to be eligible for licensure: KNPE 200, KNPE 203, KNPE 235, KNPE 302, KNPE 303, KNPE 335, KNPE 340, KNPE 343, KNPE 344, KNPE 348, KNPE 364, KNPE 365, KNPE 368, KNPE 421, KNPE 449, KNPE 466, KNPE 467, KNPE 468, KNPE 490, and KNPE 492. Students are encouraged to maintain close contact with their advisor as the teacher preparation program in physical education is tightly sequenced.

Candidates who successfully complete the program and pass the state mandated Teacher Performance Assessment will have completed all required ISBE and CAEP standards for receiving university recommendation for licensure. Successful completion of the program without receipt of a passing score on the state mandated Teacher Performance Assessment may result in the candidate receiving a degree without university recommendation for licensure.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Requirements in Department (64-65)

- KNDN 351 - Multicultural Dance Credits: 3
  KNDN 351 also fulfills the Human Diversity Requirement.
- KNPE 200 - Introduction to Teaching Physical Education Credits: 2
- KNPE 203 - Early Clinical Experience in Physical Education Credits: 1
- KNPE 235 - Fundamental Sport Skills Credits: 3
- KNPE 302 - Assessment in Physical Education School Settings Credits: 3
- KNPE 303 - Clinical Experience in Physical Education II Credits: 1

- KNPE 335 - Developmental Skill-Based Approach to Teaching Credits: 3
- KNPE 340 - Growth and Motor Development Credits: 3
- KNPE 343 - Elementary School Physical Education/ Methods and Field Experience Credits: 3
- KNPE 344 - Field Experience in the Elementary School Credits: 1
- KNPE 348 - Educational Dance for Children Credits: 2
- KNPE 364 - Fitness Education Methods for K-12 Students Credits: 3
- KNPE 365 - Introduction to Adventure Education Credits: 3
  KNPE 365 is a writing infused course.
- KNPE 368 - Sport Education Credits: 3
- KNPE 447 - Methods of Secondary Physical Education Credits: 3
- KNPE 466 - Field Experience at Outdoor Environments Credits: 1
- KNPE 479 - Field Experience in Secondary Physical Education Credits: 3
- KNPE 483 - Elementary School Student Teaching in Physical Education Credits: 6
- KNPE 484 - Middle School Student Teaching in Physical Education Credits: 6
- OR KNPE 485 - Secondary School Student Teaching in Physical Education Credits: 6
- KNPE 490 - Adapted Physical Education Credits: 3
- KNPE 492 - Special Physical Education Clinic Practicum Credits: 1-2
  Students must take 1 credit hour in this course

One course from each of the following pairs, including at least one 4-hour course (7-8)

- KNPE 313 - Mechanical Kinesiology of Motor Skills Credits: 3
- OR KNPE 314 - Applied Biomechanics Credits: 4

- KNPE 451 - Physiology of Exercise Credits: 3
- OR KNPE 452 - Applied Physiology of Exercise Credits: 4

Requirements outside Department (16-17)

- BIOS 311 - Functional Human Anatomy Credits: 4
- OR BIOS 357 - Human Anatomy and Physiology Credits: 5
- EPFE 400 - Foundations of Education Credits: 3
  EPFE 400 is a writing infused course.
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Learning Pathway.
- OR EPFE 321 - History of American Education Credits: 3
  EPFE 321 is a writing infused course.
  EPFE 321 also fulfills the Human Diversity Requirement.
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- OR EPFE 410 - Philosophy of Education Credits: 3
  EPFE 410 is a writing infused course.
- EPS 405 - Issues in Human Development in the Elementary Through High School Years Credits: 3
- LTIC 301 - Teaching with a Multicultural Perspective Credits: 3
  LTIC 301 also fulfills the Human Diversity Requirement.
- LTRE 311 - Content Area Literacy Instruction Credits: 3
- Fulfillment of requirements for educator licensure (See program director.)
  LTRE 311 is a Writing Infused Course.

Total Hours for Major in Physical Education: 80-82

Sport Management (B.S.)

All students pursuing the B.S. degree with a major in sport management are required to have a university cumulative GPA of 2.50 or above and to have satisfactorily completed all required course work within the department prior to the culminating internship, LESM 486. Students are required to earn grades of C or better in all courses with an LESM designator, as well as in the university's foundational studies in quantitative literacy. Students within this major are strongly encouraged to pursue a minor(s) in sport sales, esports industry professions, sport journalism and communication, sport analytics, marketing, business administration, psychology, or other areas of interest.

Check departmental information for additional requirements.

The student learning outcomes for this degree are located at www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Requirements in Department (48)

- KNPE 111 - Sport: Culture and Society Credits: 3
  KNPE 111 also fulfills the Human Diversity Requirement.
- OR LESM 152 - Perspectives in U.S. Sport Credits: 3
  LESM 152 also fulfills the Human Diversity Requirement.
- KNPE 310 - Psychological Aspects of Sport and Exercise Credits: 3
  KNPE 310 is a writing infused course.
- LESM 201 - Introduction to Sport Management Credits: 3
- LESM 350 - Sport Sales and Sponsorship Credits: 3

- LESM 360 - Sport Event and Facility Management Credits: 3
- LESM 365 - Communication Strategies in Sport Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  LESM 365 is a writing infused course.
- LESM 436 - Professional Development and Careers in Sport Management Credits: 3
- LESM 438 - Sport Management Strategies Credits: 3
- LESM 439 - Legal and Ethical Aspects of Sport Credits: 3
- LESM 442 - Promotion and Marketing of Sport Programs Credits: 3
- LESM 444 - Finance in the Sport Industry Credits: 3
- LESM 486 - Internship in Sport Management Credits: 1-6
  Students must complete 6 semester hours in this course.

Electives within the department (9)

- 300- and 400- level LESM courses
- KNPE 393 - Social Aspects of Sport Credits: 3

Requirements outside Department (24-25)

- ACCY 288 - Fundamentals of Accounting Credits: 3
- ECON 260 - Principles of Microeconomics Credits: 3
- MGMT 333 - Principles of Management Credits: 3
- MKTG 295 - Principles of Marketing Credits: 3
- MKTG 350 - Principles of Selling Credits: 3
- OMIS 259 - Introduction to Business Information Systems Credits: 3
- PSYC 102 - Introduction to Psychology Credits: 3
- STAT 100 - Basic Statistics Credits: 3
- OR STAT 200 - Elementary Statistics Credits: 4
- OR STAT 300 - Introduction to Probability and Statistics Credits: 3

Total Hours for a Major in Sport Management: 72-73

Minor

Minor in Coaching (22-24)

This minor prepares students for the requirements for Illinois coaching certification through the Illinois High School Association when other requirements are met (19 years of age and have a baccalaureate degree). Students pursuing a coaching minor are not required to hold educator licensure. Physical education majors may declare the minor in coaching.

Check departmental information for any additional requirements.

Requirements

- BIOS 311 - Functional Human Anatomy Credits: 4
- OR BIOS 357 - Human Anatomy and Physiology Credits: 5
- KNPE 235 - Fundamental Sport Skills Credits: 3
- KNPE 310 - Psychological Aspects of Sport and Exercise Credits: 3
  KNPE 310 is a writing infused course.
- KNPE 313 - Mechanical Kinesiology of Motor Skills Credits: 3
- OR KNPE 314 - Applied Biomechanics Credits: 4
- KNPE 335 - Developmental Skill-Based Approach to Teaching Credits: 3
- KNPE 350 - Principles and Techniques of Resistance Training Credits: 3
- KNPE 480 - Principles and Problems of Coaching Credits: 3

Minor in Esports Industry Professions (19-22)

This minor prepares students for a possible career in the Esports industry. Students wishing to declare for the minor in ESports Industry Professions should reach out to the Department of Kinesiology and Physical Education. Students in this minor must receive a grade of C or better in each of the required courses and electives. All university majors, including those housed in the Department of Kinesiology and Physical Education, may declare the minor in Esports Industry Professions.

Required Coursework

- LESM 202 - Introduction to the Esports Industry Credits: 3
- LESM 302 - Strategies in the Esports Industry Credits: 3

Select one of the following

- KNPE 151 - ESports: General Gaming Credits: 1
- KNPE 152 - ESports: Real-time Strategy Gaming Credits: 1
- KNPE 153 - ESports: Sports Gaming Credits: 1
- KNPE 154 - ESports: Online Battle Gaming Credits: 1

Select four of the following from at least two different departments (12-15)

- ARTD 273 - Introduction to Time Arts I Credits: 3
- ARTD 303 - Video Art Credits: 3
- ARTD 373 - 3-D Animation Credits: 3
- ARTD 466 - Intermedia Arts Credits: 3
- COMD 330 - Neuroscience of Communication and Associated Behaviors Credits: 3
- CSCI 240 - Computer Programming in C++ Credits: 4

- CSCI 241 - Intermediate Programming Credits: 4
- CSCI 360 - Computer Programming in Assembler Language Credits: 4
- ETT 211 - Technology in a Diverse Society Credits: 3
- ETT 229 - Computers in Education Credits: 3
- KNPE 310 - Psychological Aspects of Sport and Exercise Credits: 3
- LESM 360 - Sport Event and Facility Management Credits: 3
- LESM 365 - Communication Strategies in Sport Credits: 3
- LESM 442 - Promotion and Marketing of Sport Programs Credits: 3
- LESM 452 - Advanced Experience in Sport Management Credits: 3
- LESM 453 - Advanced Experience in Esports Industry Credits: 3
- LESM 492 - Seminar in Sport Management Credits: 3
  Students must take 3 credits of this course.
- MGMT 217 - Legal Environment of Business Credits: 3
- MGMT 333 - Principles of Management Credits: 3
- OR MGMT 335 - Managing Individuals, Teams, and Organizations Credits: 3
- MKTG 295 - Principles of Marketing Credits: 3
- PHIL 337 - Business Ethics Credits: 3
- Other minor-coordinator approved electives

Minor in Kinesiology and Physical Education (24-25)

Check departmental information for any additional requirements.

Option 1. Physical Education (24)

This option is designed for the licensed teacher who selects physical education as a second teaching field or students seeking endorsement in physical education.

- KNDN 351 - Multicultural Dance Credits: 3
  KNDN 351 also fulfills the Human Diversity Requirement.
- KNPE 235 - Fundamental Sport Skills Credits: 3
- KNPE 302 - Assessment in Physical Education School Settings Credits: 3
- KNPE 335 - Developmental Skill-Based Approach to Teaching Credits: 3
- KNPE 340 - Growth and Motor Development Credits: 3
- KNPE 364 - Fitness Education Methods for K-12 Students Credits: 3
- KNPE 365 - Introduction to Adventure Education Credits: 3
  KNPE 365 is a writing infused course.
- OR KNPE 368 - Sport Education Credits: 3
- KNPE 421 - Curriculum Designs in Middle and High School Physical Education Credits: 2
- KNPE 492 - Special Physical Education Clinic Practicum Credits: 1-2
  Students may take this course for 1 semester hour.

Option 2. Interdisciplinary (24-25)

A non-licensure option designed for individualized programming. Subject to departmental approval.

- BIOS 311 - Functional Human Anatomy Credits: 4
- OR BIOS 357 - Human Anatomy and Physiology Credits: 5
- KNPE 301 - Introduction to Kinesiology and Sport Professions Credits: 3
- KNPE 310 - Psychological Aspects of Sport and Exercise Credits: 3
  KNPE 310 is a writing infused course.
- KNPE 346 - Methods of Group Fitness Instruction Credits: 3
- OR KNPE 350 - Principles and Techniques of Resistance Training Credits: 3
- KNPE 452 - Applied Physiology of Exercise Credits: 4

Select from the following (7)

- KNPE 470 - High Performance Development Credits: 4
- AND KNPE 472 - Periodization for Performance Enhancement Credits: 3
- OR KNPE 462 - Clinical Exercise Physiology Credits: 4
- AND KNPE 464 - Scientific Basis of Exercise Testing, Prescription, and Progression Credits: 4
  KNPE 464 is a writing infused course.

Minor in Psychosocial Aspects of Sport and Physical Activity (21)

This transdisciplinary minor is designed to provide students with a better understanding of the psychosocial aspects of sport and physical activity participation. More specifically, students will learn about the psychological and sociological factors influencing participation in sport and physical activity and the effects participation has on one's psychological and social development. Students wishing to declare for the minor in Psychosocial Aspects of Sport and Physical Activity should contact the Department of Kinesiology and Physical Education. Students in this minor must receive a grade of C or better in each of the required courses and electives. All university majors, including those housed in the Department of Kinesiology and Physical Education, may declare the minor in Psychosocial Aspects of Sport and Physical Activity.

Required Courses (9)

- KNPE 111 - Sport: Culture and Society Credits: 3
  Available for General Education credit in the Society and Culture Domain.

KNPE 111 also fulfills the Human Diversity Requirement.

- KNPE 305 - Psychological and Sociological Aspects of Exercise and Physical Activity Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  KNPE 305 is a writing infused course.
- OR KNPE 310 - Psychological Aspects of Sport and Exercise Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- KNPE 393 - Social Aspects of Sport Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
  KNPE 393 also fulfills the Human Diversity Requirement.

Four of the following (12)

- KNPE 461 - Physical Activity and Wellness Credits: 3
- KNPE 486 - Principles of Motor Learning and Performance Credits: 3
- PSYC 219 - Positive Psychology Credits: 3
- PSYC 360 - Motivation Credits: 3
- PSYC 372 - Social Psychology Credits: 3
- SOCI 170 - Introduction to Sociology Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- SOCI 260 - Introduction to Social Psychology Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- EPS 418 - Human Motivation and Learning Credits: 3

Minor in Sport Analytics (18-21)

This interdisciplinary minor provides students with the tools to pursue a career in sport analytics or data analysis. With a growing numbers of sport organizations embracing the role of data analytics in organizational decision making, there is increasing demand for professionals within this industry. Students in this minor must receive a grade of C or better in each of the required courses and electives. All university majors, including those housed in the Department of Kinesiology and Physical Education, may declare the minor in sport analytics.

Required Courses (12-13)

- ECON 315 - Sports Economics Credits: 3
- LESM 201 - Introduction to Sport Management Credits: 3
- LESM 445 - Analytics in the Sports Industry Credits: 3
- STAT 200 - Elementary Statistics Credits: 4
- OR STAT 300 - Introduction to Probability and Statistics Credits: 3

Two of the following courses (6-8)

- CSCI 240 - Computer Programming in C++ Credits: 4
- CSCI 241 - Intermediate Programming Credits: 4
- ECON 300 - Labor Economics Credits: 3
- ECON 301 - Labor Problems Credits: 3
- ECON 360 - Intermediate Microeconomics Credits: 3
- ECON 370 - Current Economic Issues Credits: 3
  Topic: Computational Economics
- ECON 374 - Game Theory Credits: 3
- ECON 390 - Basic Econometrics and Economic Applications Credits: 3
- AND ECON 390A - Basic Econometrics Laboratory Credits: 1
- ISYE 439 - Six Sigma Performance Excellence and Modern Problem Solving Credits: 3
- ISYE 470 - Introduction to Data Analytics for Engineers Credits: 3
- MKTG 455 - Database Marketing and Data Mining Credits: 3
- OMIS 324 - Introduction to Business Data Analytic Tools Credits: 3
- OR STAT 324X - Introduction to Business Data Analytic Tools Credits: 3
- OMIS 327 - Decision Analysis Credits: 3
- OMIS 452 - Database Management for Business Credits: 3
- OMIS 472 - Introduction to Business Intelligence Credits: 3
- OMIS 473 - Data Visualization for Business Credits: 3
- OMIS 474 - Digital Analytics Credits: 3
- OMIS 482 - Predictive Business Analytics Credits: 3
- STAT 400 - Introduction to Probability Theory Credits: 3
- OR ACSC 400X - Introduction to Probability Theory Credits: 3
- STAT 410 - Mathematical Statistics I Credits: 3
- STAT 411 - Mathematical Statistics II Credits: 3
- STAT 415 - Computational Methods in Statistics Credits: 3
- STAT 417 - Applied Statistical Learning Credits: 3
- OR ACSC 417X - Applied Statistical Learning Credits: 3
- STAT 435 - Applied Regression Analysis Credits: 3
- STAT 490 - Special Topics in Statistics Credits: 1-3

Minor in Sport for Development and Social Change (18)

This transdisciplinary minor is designed to introduce students to the discipline of sport for development and social change. More specifically, students will gain insights into national and international sport for development and social change projects and programs, as well as foster intercultural awareness and facilitation skills. Students wishing to declare for the minor in Sport for Development and Social Change should contact the Department of Kinesiology and Physical Education. Students in this minor must receive a grade of C or better in each of the required courses and

electives. All university majors, including those housed in the Department of Kinesiology and Physical Education may declare the minor in Sport for Development and Social Change.

Required Courses (9)

- KNPE 111 - Sport: Culture and Society Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  KNPE 111 also fulfills the Human Diversity Requirement.
- KNPE 393 - Social Aspects of Sport Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
  KNPE 393 also fulfills the Human Diversity Requirement.
- LESM 411 - Sport for Development and Social Change Credits: 3
- OR KNPE 411X - Sport for Development and Social Change Credits: 3

Three of the following (9)

- BKST 200 - Racism in American Culture and Society Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  BKST 200 also fulfills the Human Diversity Requirement.
- BKST 300 - Foundations of Black Studies Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- EPFE 302 - Advocacy, Justice and Leadership in a Diverse Society Credits: 3
- KNPE 310 - Psychological Aspects of Sport and Exercise Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- NNGO 100 - Community Leadership and Civic Engagement Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- NNGO 303 - Nonprofit Administration for Social Justice Credits: 3
- NNGO 350 - Community Organizations in a Digital World Credits: 3
- NNGO 351 - Nonprofit Boards and Governance Credits: 3
- NNGO 352 - Nonprofit Program Development and Evaluation Credits: 3
- NNGO 429 - International NGOs and Globalization Credits: 3
- PSYC 360 - Motivation Credits: 3
- PSYC 372 - Social Psychology Credits: 3
- SCL 100 - Foundation of Social Change Leadership Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- SCL 200 - Application of Social Change Leadership Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- SOCI 260 - Introduction to Social Psychology Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- SOCI 270 - Social Problems Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- SOCI 361 - Race and Ethnicity Credits: 3
- SOCI 379 - Collective Behavior and Social Movements Credits: 3
- SOCI 386 - Peace and Social Justice Credits: 3

Minor in Sport Journalism (18)

This minor provides students with the tools to pursue a career in writing, journalism, and public/media relations specific to the sporting industry. The minor focuses on developing broad journalistic skills and specific sport journalism and media training. Students wishing to declare for the minor in Sport Journalism should contact the Department of Kinesiology and Physical Education. Students in this minor must receive a grade of C or better in each of the required courses and electives. All university majors, including those housed in the Department of Kinesiology and Physical Education may declare the minor in Sport Journalism. All university students may declare a maximum of three minors within the Department of Kinesiology and Physical Education.

Required Courses (12)

- JOUR 200 - Basic News Writing Credits: 3
- JOUR 353 - Sports Journalism Credits: 3
  JOUR 353 is a writing infused course.
- LESM 201 - Introduction to Sport Management Credits: 3
- LESM 365 - Communication Strategies in Sport Credits: 3
  LESM 365 is a writing infused course.

Elective in sport management (LESM) from 300- and 400-level courses (3)

Elective in journalism (JOUR) from 300- and 400-level courses (3)

Minor in Sport Management (18)

This minor prepares students for possible careers in the sporting industry. Students wishing to apply for the minor in sport management must complete an application by the semester deadline; applications and deadline dates are

available in the Department of Kinesiology and Physical Education. Students in the sport management minor must receive a grade of C or better in each of the required courses and required electives. All university majors, including those housed in the Department of Kinesiology and Physical Education (with the exception of those who are declared sport management majors), may declare the minor in sport management.

Check departmental information for additional requirements.

Requirements

- LESM 201 - Introduction to Sport Management Credits: 3

Two of the following (6)

- LESM 438 - Sport Management Strategies Credits: 3
- LESM 439 - Legal and Ethical Aspects of Sport Credits: 3
- LESM 442 - Promotion and Marketing of Sport Programs Credits: 3
- LESM 444 - Finance in the Sport Industry Credits: 3

Electives in sport management (LESM) from 300- and 400-level courses (9)

Minor in Sport Sales (18)

This minor prepares students for possible careers in sport sales. The course work in this minor is rooted in applied and practical experiences (specifically in sport sales) for the student; and better prepares them for job placement in this area. All university majors, including those housed in the Department of Kinesiology and Physical Education, may declare the minor in sport sales.

Check departmental information for additional requirements.

Required courses (15)

- LESM 201 - Introduction to Sport Management Credits: 3
- LESM 350 - Sport Sales and Sponsorship Credits: 3
- LESM 451 - Sport Ticket Sales Credits: 3
- MKTG 295 - Principles of Marketing Credits: 3
- MKTG 350 - Principles of Selling Credits: 3

One of the following (3)

- MKTG 410 - Professional Selling and Cultural Perspectives Credits: 3
- MKTG 411 - Strategic Selling Perspectives Credits: 3
- MKTG 412 - Professional Selling in the Field Credits: 3
- MKTG 415 - Global Selling Perspectives Credits: 3
- MKTG 435 - Business-to-Business Selling Credits: 3
- MKTG 446 - Sales Leadership, Metrics, and Application Credits: 3
- MKTG 450 - Advanced Professional Selling Credits: 3

Accelerated Integrated Degree

Accelerated B.S in Kinesiology/M.S. in Athletic Training

The five-year accelerated program leads to both the B.S. degree in Kinesiology and M.S. degree in Athletic Training. Students who want to complete this program must identify themselves to the Department of Kinesiology and Physical Education as undergraduate majors and gain successful entry to the M.S.A.T. program. Admission to the M.S.A.T program will be on a competitive basis, and the likelihood of admission will depend on the number and quality of the applicants to the program.

Eligibility requirements for application to the M.S.A.T. program through the accelerated B.S. in Kinesiology program are:

- Undergraduate majoring in kinesiology
- Completion of at least 90 semester hours of undergraduate designated course work as approved by adviser
- Minimum of 3.00 GPA
- Completion of all application requirements, including application to the graduate school, statement of purpose, resume, three letters of recommendation, minimum of 50 observation hours with a BOC certified athletic trainer within the last 10 months prior to application, and transcripts for all college course work. Qualified applicants will undergo a preadmission interview. The GRE is not required for admission.

Curriculum

Students must complete 90 semester hours of undergraduate designated course work as approved by adviser for the accelerated B.S. in Kinesiology to M.S. in Athletic Training degree. Students accepted into the M.S.A.T. degree will matriculate in the M.S.A.T. program in the summer of their final undergraduate year. The graduate-level courses taken in the B.S./M.S. degree are the same as those taken in the stand-alone M.S.A.T. program. Up to 18 semester hours of the M.S.A.T. courses will be counted toward the 120 hours needed for the undergraduate degree. Students must complete all undergraduate requirements and receive their B.S. degree before the beginning of the spring semester of their fourth year. After completing all requirements required in the Graduate Catalog, students will receive their M.S.A.T. degree.

Students must gain successful entry to the M.S.A.T. program as well as all general education requirements by the end of

their third year and have earned at least 102 semester hours. Beginning with the summer semester between their third and fourth year, students will start taking classes in the M.S.A.T. program as well as completing final university requirements. Successful completion of summer and fall courses will count toward the final 18 hours of the undergraduate degree.

Failure to meet requirements of the accelerated sequence may lead to a B.S. degree only, but only after all the requirements for that degree have been met.

Requirements in Department (44-45)

- KNPE 305 - Psychological and Sociological Aspects of Exercise and Physical Activity Credits: 3
  KNPE 305 is a writing infused course.
- OR KNPE 310 - Psychological Aspects of Sport and Exercise Credits: 3
  KNPE 310 is a writing infused course.
- KNPE 314 - Applied Biomechanics Credits: 4
- KNPE 320 - Foundations of Sports Medicine Credits: 3
- KNPE 350 - Principles and Techniques of Resistance Training Credits: 3
- KNPE 443 - Principles of Exercise for Acute and Chronic Conditions Credits: 3
- KNPE 445 - Measurement and Evaluation in Exercise Science Credits: 3
- KNPE 452 - Applied Physiology of Exercise Credits: 4
- KNPE 463 - Exercise and Physical Activity across the Lifespan Credits: 3
  KNPE 463 also fulfills the Human Diversity Requirement.
- KNPE 493 - Supervised Clinical Experience in Exercise Gerontology Credits: 1-3
  Students must take 2 semester hours in this course.
- KNAT 500 - Principles of Athletic Injury and Illness Management and Emergency Care Credits: 3
- KNAT 501- Foundations of Athletic Training Credits: 3

Select three of the following (10-11)

- KNPE 461 - Physical Activity and Wellness Credits: 3
- KNPE 462 - Clinical Exercise Physiology Credits: 4
- KNPE 471 - High Performance Training Credits: 4
- LESM 438 - Sport Management Strategies Credits: 3

Requirements outside Department (31)

- BIOS 103 - General Biology Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- BIOS 105 - General Biology Laboratory Credits: 1
  Available for General Education credit in the Nature and Technology Domain.
- OR CHEM 111 - Chemistry Laboratory Credits: 1
  Available for General Education credit in the Nature and Technology Domain.
- BIOS 357 - Human Anatomy and Physiology Credits: 5
- CHEM 110 - Chemistry Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- HSCI 318 - Medical Terminology Credits: 3
- NUTR 306 - Nutrition in Relation to Health and Exercise Credits: 2-3
  If students take only NUTR 306, they need to take it for 3 semester hours.
  OR NUTR 306 Credits: 2 AND KNPE 306 - Sports Nutrition Credits: 1
- PHHE 206 - Contemporary Health Concepts Credits: 3
- PHYS 150 - Physics Credits: 3
- AND PHYS 151 - Physics Laboratory Credits: 1
- PSYC 102 - Introduction to Psychology Credits: 3
- OR PSYC 219 - Positive Psychology Credits: 3
- STAT 100 - Basic Statistics Credits: 3

Accelerated B.S./M.S. in Sport Management

The accelerated program leads to both the B.S. and M.S. degrees in Sport Management. Students who want to complete this program must identify themselves to the Department of Kinesiology and Physical Education as an undergraduate major and gain successful entry to the M.S. in Sport Management program. Early admission to the M.S. in Sport Management program will be on a competitive basis, and the likelihood of admission will depend on the number and quality of the applicants to the program.

Eligibility requirements for application to the M.S. in Sport Management program through the accelerated B.S. in Sport Management program are:

- Undergraduate majoring in sport management.
- Completion of at least 90 semester hours of undergraduate designated course work as approved by their advisor.
- Minimum of 3.00 GPA.
- Completion of all application requirements, including application to the graduate school, personal goal statement, resume, two letters of recommendation, and transcripts for all college course work. Qualified applicants may undergo a preadmission interview with the program faculty. The GRE will be waived for students.

Curriculum

Students must complete a minimum of 90 semester hours of undergraduate designated course work as approved by adviser and outlined in their B.S. curriculum for the accelerated B.S./M.S. degree. Students accepted into the M.S. in Sport Management degree will matriculate into the program during the summer of their final undergraduate year. The graduate-level courses taken in the B.S./M.S.

accelerated degree are the same as those taken in the stand-alone M.S. in Sport Management program.

Up to 15 semester hours of the M.S. in Sport Management core courses can be counted toward the 120 hours needed for the undergraduate degree. Students must complete all undergraduate requirements and receive their B.S. degree by the end of the spring semester of their fourth year. After completing all requirements required in the Graduate Catalog, students will receive their M.S. in Sport Management degree.

Students must gain successful entry to the M.S. in Sport Management program, complete all general education requirements, and earn at least 105 semester hours of undergraduate credit by the end of their third year. Beginning with the summer semester between their third and fourth year, students will complete their culminating undergraduate internship (6 credit hours of LESM 486). Successful completion of summer, fall, and spring courses will count toward the final 15 hours of the undergraduate degree.

Failure to meet requirements of the accelerated sequence may lead to a B.S. degree only, but only after all the requirements for that degree have been met. Students should work closely with their advisor to ensure their progress towards both degrees.

List of Courses

KNDN 152 - American Square and Round Dance I

KNDN 154 - Ballet I

KNDN 155 - Ballet II

KNDN 156 - International Folk Dance I

KNDN 158 - Modern Dance I

KNDN 159 - Modern Dance II

KNDN 160 - Jazz Dance I

KNDN 161 - Jazz Dance II

KNDN 162 - Social Dance I

KNDN 164 - Tap Techniques I

KNDN 165 - Tap Techniques II

KNDN 166 - Aerobic Dance

KNDN 167 - "Orchesis" Performance

KNDN 214 - Folk and Square Dance

KNDN 216 - Modern Dance

KNDN 220 - Recreational Dance Forms

KNDN 222 - Social Dance

KNDN 264 - Jazz Dance

KNDN 265 - Tap Dance

KNDN 351 - Multicultural Dance

KNDN 353 - Analysis and Pedagogy of Dance

KNDN 369 - African Heritage Dance

KNDN 473 - Dance as Art in Education

KNDN 474 - History of Dance: Primitive through Renaissance

KNDN 475 - History of Dance: 18th Century to Modern Times

KNPE 100 - Scientific Basis of Human Activity

KNPE 101# - Practicum in Physical Education

KNPE 102 - Physical Fitness

KNPE 104 - Weight Training and Conditioning

KNPE 106 - Yoga

KNPE 109 - Jogging

KNPE 110 - Relaxation

KNPE 111 - Sport: Culture and Society

KNPE 112 - Archery I

KNPE 113 - Badminton I

KNPE 115 - Billiards

KNPE 117 - Bowling I

KNPE 118 - Bowling II

KNPE 119 - Golf I

KNPE 120 - Golf II

KNPE 121 - Pickleball

KNPE 122 - Racquetball

KNPE 123 - Tennis I

KNPE 138 - Basketball I

KNPE 141 - Flag Football

KNPE 142 - Soccer

KNPE 143 - Softball

KNPE 145 - Volleyball I

KNPE 151 - ESports: General Gaming

KNPE 152 - ESports: Real-time Strategy Gaming

KNPE 153 - ESports: Sports Gaming

KNPE 154 - ESports: Online Battle Gaming

KNPE 169 - Swimming I

KNPE 170 - Swimming II

KNPE 177 - Swimming Conditioning

KNPE 198 - Practicum in Physical Education: Military Training

KNPE 200 - Introduction to Teaching Physical Education

KNPE 201 - Introduction to Exercise Science and Sport Professions

KNPE 202 - Introduction to Athletic Training

KNPE 203 - Early Clinical Experience in Physical Education

KNPE 233 - Career Development and Academic Success in Kinesiology and Physical Education

KNPE 235 - Fundamental Sport Skills

KNPE 245 - Physical Education for Children

KNPE 262 - First Aid and CPR

KNPE 264 - Principles of Injury Prevention and Care

KNPE 265 - Practicum in Athletic Training

KNPE 266 - Emergency Medical Response

KNPE 300 - Field Experience in Kinesiology

KNPE 301 - Introduction to Kinesiology and Sport Professions

KNPE 302 - Assessment in Physical Education School Settings

KNPE 303 - Clinical Experience in Physical Education II

KNPE 304 - Introduction to Community Education: Physical Activity across the Lifespan

KNPE 305 - Psychological and Sociological Aspects of Exercise and Physical Activity

KNPE 306 - Sports Nutrition

KNPE 310 - Psychological Aspects of Sport and Exercise

KNPE 313 - Mechanical Kinesiology of Motor Skills

KNPE 314 - Applied Biomechanics

KNPE 320 - Foundations of Sports Medicine

KNPE 322 - Clinical Proficiencies in Athletic Training: Upper-Extremity Assessment

KNPE 323 - Clinical Proficiencies in Athletic Training: Lower-Extremity Assessment

KNPE 324 - Assessment of Lower-Extremity Injury

KNPE 325 - Assessment of Upper-Extremity Injury

KNPE 326 - Therapeutic Modalities and Treatment of Athletic Injuries

KNPE 331 - Clinical Experience in Athletic Training I

KNPE 332 - Clinical Experience in Athletic Training II

KNPE 335 - Developmental Skill-Based Approach to Teaching

KNPE 340 - Growth and Motor Development

KNPE 343 - Elementary School Physical Education/ Methods and Field Experience

KNPE 344 - Field Experience in the Elementary School

KNPE 346 - Methods of Group Fitness Instruction

KNPE 348 - Educational Dance for Children

KNPE 350 - Principles and Techniques of Resistance Training

KNPE 354 - Analysis and Techniques of Teaching Dance Fitness

KNPE 364 - Fitness Education Methods for K-12 Students

KNPE 365 - Introduction to Adventure Education

KNPE 366 - Lifetime Sports and Activities

KNPE 367 - Tactical Approach to Teaching Games

KNPE 368 - Sport Education

KNPE 393 - Social Aspects of Sport

KNPE 399 - Honors Seminar

KNPE 403 - Advanced Clinical Experience in Physical Education

KNPE 411X - Sport for Development and Social Change

KNPE 420 - Curriculum Designs in Elementary School Physical Education

KNPE 421 - Curriculum Designs in Middle and High School Physical Education

KNPE 422 - Motor Development Laboratory

KNPE 425 - Fitness Intervention in Elementary Physical Education

KNPE 427 - Clinical Proficiencies in Athletic Training: Therapeutic Exercise and Rehabilitation

KNPE 432 - Organization and Administation Concepts in Athletic Training

KNPE 434 - Clinical Experience in Athletic Training III

KNPE 435 - Clinical Experience in Athletic Training IV

KNPE 440 - Organization and Administration of Physical Education and Athletics

KNPE 443 - Principles of Exercise for Acute and Chronic Conditions

KNPE 445 - Measurement and Evaluation in Exercise Science

KNPE 446 - Measurement and Evaluation in Physical Education School Settings

KNPE 447 - Methods of Secondary Physical Education

KNPE 449 - Current Issues in Physical Education and Sport

KNPE 451 - Physiology of Exercise

KNPE 452 - Applied Physiology of Exercise

KNPE 453 - Exercise Programs for Adult Special Populations

KNPE 454 - Exercise Gerontology

KNPE 457 - Analysis and Techniques of Training and Conditioning

KNPE 458# - Stress Testing

KNPE 459 - Physical Fitness Programming

KNPE 460 - Cardiopulmonary Disease and Rehabilitation

KNPE 461 - Physical Activity and Wellness

KNPE 462 - Clinical Exercise Physiology

KNPE 463 - Exercise and Physical Activity across the Lifespan

KNPE 464 - Scientific Basis of Exercise Testing, Prescription, and Progression

KNPE 465 - Physical Activity Programming, Promotion, Implementation, and Evaluation

KNPE 466 - Field Experience at Outdoor Environments

KNPE 467 - Field Experience in the Middle School

KNPE 468 - Field Experience in the High School

KNPE 469 - Professional Preparation in Kinesiology

KNPE 470 - High Performance Development

KNPE 471 - High Performance Training

KNPE 472 - Periodization for Performance Enhancement

KNPE 474 - Medical Issues in Athletic Training

KNPE 479 - Field Experience in Secondary Physical Education

KNPE 480 - Principles and Problems of Coaching

KNPE 483 - Elementary School Student Teaching in Physical Education

KNPE 484 - Middle School Student Teaching in Physical Education

KNPE 485 - Secondary School Student Teaching in Physical Education

KNPE 486 - Principles of Motor Learning and Performance

KNPE 489 - Internship in Athletic Training

KNPE 490 - Adapted Physical Education

KNPE 491 - Therapeutic Exercise

KNPE 492 - Special Physical Education Clinic Practicum

KNPE 493 - Supervised Clinical Experience in Exercise Gerontology

KNPE 494 - Internship in Kinesiology

KNPE 495 - Workshop in Physical Education

KNPE 496 - Seminar in Special Topics

KNPE 497 - Senior Seminar

KNPE 498 - Independent Study

LESM 152 - Perspectives in U.S. Sport

LESM 201 - Introduction to Sport Management

LESM 202 - Introduction to the Esports Industry

LESM 302 - Strategies in the Esports Industry

LESM 341 - Administration of Intercollegiate Athletics

LESM 350 - Sport Sales and Sponsorship

LESM 353 - Sport Leadership

LESM 355 - Globalization of Sport

LESM 360 - Sport Event and Facility Management

LESM 365 - Communication Strategies in Sport

LESM 385 - Field Experience in Sport Management

LESM 386 - Professional Development in Sport Management

LESM 411 - Sport for Development and Social Change

LESM 436 - Professional Development and Careers in Sport Management

LESM 438 - Sport Management Strategies

LESM 439 - Legal and Ethical Aspects of Sport

LESM 442 - Promotion and Marketing of Sport Programs

LESM 444 - Finance in the Sport Industry

LESM 445 - Analytics in the Sports Industry

LESM 451 - Sport Ticket Sales

LESM 452 - Advanced Experience in Sport Management

LESM 453 - Advanced Experience in Esports Industry

LESM 461 - Contemporary Issues in College Athletics

LESM 462 - Name, Image and Likeness in College Athletics

LESM 463 - Student-Athlete Development and Programming

LESM 486 - Internship in Sport Management

LESM 492 - Seminar in Sport Management

LESM 496 - Special Topics in Sport Management

LESM 497 - Independent Study in Sport Management

Leadership, Educational Psychology and Foundations (EPFE, EPS, LEBM, LEEA)

The Department of Leadership, Educational Psychology and Foundations offers courses in educational administration, educational psychology, foundations of education, and school business management. The department engages students in the critical study of educational theory and practice, developing reflective educators who base their teaching, research, and policy decisions on historical, philosophical, psychological, and socialcultural perspectives. In addition, the department facilitates the development of leaders who actively shape organizational cultures, are sensitive to moral and equity issues, and can manage and lead complex and changing entities. The courses are essential for helping students become reflective practitioners while participating in undergraduate programs leading to educator licensure. The department also offers a course in education in a pluralistic society as part of the university's general education offerings.

Leadership, Educational Psychology and Foundations Faculty

Carolyn Pluim, Ph.D., Georgia State University, professor, chair
Kerry Burch, Ph.D., University of Hawaii at Manoa, professor
Benjamin M. Creed, Ph.D., Michigan State University, associate professor
Daryl Dugas, Ph.D., University of Chicago, associate professor
Lynn Gibson, Ed.D., Northern Illinois University, clinical assistant professor
Lindsay Harris, Ph.D., University of Pittsburgh, associate professor
Bradley Hawk, Ed.D., University of Illinois, Urbana-Champaign, clinical assistant professor
Danny Oest, Ed.D., Northern Illinois University, clinical assistant professor
Tiffany Puckett, Ph.D., J.D., University of Illinois at Chicago, assistant professor
Patrick Roberts, Ph.D., University of Illinois at Chicago, associate professor
Hidetada Shimizu, Ed.D., Harvard University, associate professor
Kelly H. Summers, Ph.D., Northern Illinois University, associate professor
James Surber, Ed.D., Ball State University, clinical assistant professor
Rebecca Surber, Ed.D., Illinois State University, clinical assistant professor
Cynthia Taines, Ph.D., University of Wisconsin, associate professor
Stephen M. Tonks, Ph.D., University of Maryland, College Park, professor
Teresa Wasonga, Ed.D., University of Missouri, Presidential Engagement Professor

Certificate of Undergraduate Study

Foundations of Educational and Policy Studies (12)

This interdisciplinary certificate enables students to draw on a variety of disciplinary perspectives and research methodologies when studying educational theories, policies, and practices. It allows students to focus their examination on, among other topics, the origins and organization of knowledge, education and schools; prominent educational philosophies or the work of an individual thinker; the interconnectedness of race, gender, and socioeconomic class and the effect on learning; and educational policies. This certificate is designed for those students-whether they are future teachers, parents, researchers, policymakers, or informed citizens-who seek a richer understanding of education and schools and who wish to delve more deeply into educational policies and practices.

Students will work closely with faculty members in the Foundations of Education program area to develop an appropriate course of study. In fulfilling the requirements for this certificate, students will use the tools and disciplinary perspectives at the heart of Foundations of Education: philosophy, history, and sociology. The capstone for the certificate is the independent study, the internship, the workshop, or the capstone course in the student's major. The independent study may be a research project, a service project, or a creative and artistic project. The internship or workshop is designed for those students who wish to assist a faculty member with teaching a particular course in the Foundations of Education program area.

Students may elect to specialize in one disciplinary area or to embrace a broader approach that draws from the different disciplinary perspectives. Students will develop their plans of study in consultation with a certificate adviser. With the consent of the student's major department, courses applied toward the certificate may meet major and general education requirements. Study toward the certificate is open to any NIU undergraduate student with consent of department. All requirements for the certificate must be completed within six calendar years.

Requirements

The certificate of undergraduate study in foundations of education requires a minimum of 12 semester hours. Course work from the list below is chosen in consultation with certificate adviser.

Three of the following:

- EPFE 201 - Education as an Agent for Change Credits: 3

Available for general education credit.
EPFE 201 also fulfills the Human Diversity Requirement.

- EPFE 302 - Advocacy, Justice and Leadership in a Diverse Society Credits: 3
- EPFE 321 - History of American Education Credits: 3
  EPFE 321 is a writing infused course.
  EPFE 321 also fulfills the Human Diversity Requirement.
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- EPFE 355 - Sociology of Schooling Credits: 3
  EPFE 355 is a writing infused course.
  EPFE 355 also fulfills the Human Diversity Requirement.
- EPFE 400 - Foundations of Education Credits: 3
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Learning Pathway.
- EPFE 410 - Philosophy of Education Credits: 3
  EPFE 410 is a writing infused course.
- EPFE 415 - Policy Analysis in Educational Contexts Credits: 3
- EPFE 492 - Special Topics in Foundations of Education Credits: 1-3
- One 300- or 400-level course in the department of history, philosophy, or sociology

One of the following:

- EPFE 486 - Internship in Educational Foundations Credits: 1-3
- EPFE 490 - Workshop in Education Credits: 1-3
- EPFE 497 - Independent Study Credits: 1-3
- Relevant capstone course in the major (3)

Philosophy of Education (12)

This certificate is designed to provide close faculty mentoring of student investigations and projects for students who want to augment their interest in and commitment to philosophy of education. Students work under the guidance of a faculty adviser to extend their own belief systems through an examination of prominent educational philosophies and may focus on a particular educational problem or issue, the work of an individual thinker, investigation into a particular school of thought, strategies of educational policy analysis, or some other personally relevant topic. Study toward the certificate is open to any NIU undergraduate student with at least junior standing and consent of department. All requirements for the certificate must be completed within three calendar years.

Requirements (12)

The certificate of undergraduate study in philosophy of education requires a minimum of 12 semester hours. Course work from the list below is chosen in consultation with certificate adviser. Students must complete a paper for EPFE 497 and/or develop a unit of instruction in EPFE 486 or EPFE 490.

- EPFE 201 - Education as an Agent for Change Credits: 3
  EPFE 201 also fulfills the Human Diversity Requirement.
- EPFE 410 - Philosophy of Education Credits: 3
  EPFE 410 is a writing infused course.
- EPFE 486 - Internship in Educational Foundations Credits: 1-3
  Students must take 3 credit hours in this course.
- EPFE 490 - Workshop in Education Credits: 1-3
  Students must take 3 credit hours in this course.
- EPFE 492 - Special Topics in Foundations of Education Credits: 1-3
  Students must take 3 credit hours in this course.
- EPFE 497 - Independent Study Credits: 1-3
  Students must take 3 credit hours in this course.
- EPFE 510 - Philosophical Foundations of Education Credits: 3
- An upper-division course taken in the Department of Philosophy. Credits: 3

List of courses

EPFE 201 - Education as an Agent for Change

EPFE 300 - Ethics, the Law and Educational Policy

EPFE 302 - Advocacy, Justice and Leadership in a Diverse Society

EPFE 321 - History of American Education

EPFE 355 - Sociology of Schooling

EPFE 400 - Foundations of Education

EPFE 410 - Philosophy of Education

EPFE 415 - Policy Analysis in Educational Contexts

EPFE 426X - Foundations of Psychedelic Studies in Education

EPFE 430 - Comparative and International Education

EPFE 440 - Education for Social Justice

EPFE 486 - Internship in Educational Foundations

EPFE 490 - Workshop in Education

EPFE 492 - Special Topics in Foundations of Education

EPFE 497 - Independent Study

EPS 282X - Educational Participation in Clinical Experiences: Elementary Education

EPS 300 - Educational Psychology

EPS 304 - Development of the Elementary School Child

EPS 307 - Development of the Adolescent

EPS 382 - Educational Participation in Clinical Experience: Middle Level Education

EPS 405 - Issues in Human Development in the Elementary Through High School Years

EPS 406 - Issues in Human Development and Learning in the Middle School and High School Years

EPS 418 - Human Motivation and Learning

EPS 419 - The Middle School Child

EPS 426 - Foundations of Psychedelic Studies in Education

EPS 430 - Becoming an Adult in the 21st Century: Seeking Meaning

EPS 450 - Classroom Management for Elementary Educators

EPS 452 - Classroom Management for Adolescent Students

EPS 454 - The Gifted Student

EPS 490 - Workshop in Education

EPS 492 - Special Topics in Educational Psychology

EPS 497 - Independent Study

LEBM 490 - Workshop in Education

LEBM 492 - Special Topics in School Business Management

LEBM 497 - Independent Study

LEEA 327 - Mentoring Diverse Populations

LEEA 329 - Spiritually-Centered Leadership

LEEA 490 - Workshop in Educational Administration

LEEA 492 - Special Topics in Educational Administration

LEEA 497 - Independent Study

Special and Early Education (SEEC, SESE, SEVI)

The Department of Special and Early Education offers the B.S. degree with a major in early childhood education, the B.S.Ed. degree with a major in special education, and optional undergraduate course work in early education and special education. State of Illinois approved and CAEP accredited programs leading to professional educator licensure (PEL) with endorsement in early childhood education and special education (Learning Behavior Specialist I and Visual Impairments) are offered. In addition, SEED offers emphases that do not lead to PELs.

Advisement services are available to students from freshman year through graduation. Students are responsible for utilizing these services by responding to the periodic posted notices of deadlines for professional semester applications and schedules for advance registration advisement.

Teacher candidates must complete a Criminal Background Check for some early clinical placements and for student teaching. See "Educator Licensure Requirements."

S/U Grading

In those courses in which the S/U grading basis is applicable, the use of S and U will apply to all students registered in any class section in which the S/U grading basis is employed. Individual students may not elect S and U grading. Educator licensure requirements are deemed to be met only by obtaining a grade of C or better in courses using traditional letter grading or an S in those professional or clinical courses in which S/U grading is used. An S is the equivalent to a C or better and a U is equivalent to a D or lower in educator licensure courses using S/U grading.

Special and Early Education Faculty

Laura Hedin, Ph.D., University of Illinois at Champaign-Urbana, professor, Chair
Natalie Andzik, Ph.D., Ohio State University, associate professor
Stephanie Baker, Ed.D., Illinois State University, associate professor Jeffrey Chan, Ph.D., University of Texas at Austin, associate professor
Rachel Donegan, Ph.D., Vanderbilt University, assistant professor
Lydia Gerzel-Short, Ed.D., Northern Illinois University, assistant professor
Jesse W. Johnson, Ed.D., Northern Illinois University, professor
Myoungwhon Jung, Ph.D., Indiana University, associate professor
Gaylan G. Kapperman, Ed.D., University of Northern Colorado, professor emeritus
Stacy Kelly, Ed.D., Northern Illinois University, professor
Lisa Liberty, Ph.D., University of Washington, associate professor
Molly Pasley, Ed.D., Illinois State University, assistant professor
William Penrod, Ed.D., University of Louisville, associate professor
Natalie Young, Ed.D., Northern Illinois University, assistant professor

Majors

Early Childhood Education (B.S.)

The B.S. degree with a major in early childhood education is a program designed to prepare personnel for professional roles serving children from birth through eight years of age and their families. This program includes the concepts, competencies, and skills required by teachers, child care workers, and other professionals involved in the education and care of young children.

Early Childhood Education, Professional Educator Licensure

The early childhood education major prepares candidates to obtain professional educator licensure (PEL) with the early childhood education endorsement (eligible to teach children up to second grade and the preschool special education approval (eligible to teach children with disabilities and special needs in pre-kindergarten) in the Illinois Public School System. Candidates who meet the PEL requirements will automatically be eligible to receive the Gateways to Opportunity Level 5 Early Childhood Education (ECE) credential. The early childhood education program is approved by the Illinois State Board of Education (ISBE), and the National Association for the Education of Young Children, and Gateways to Opportunity.

Licensure and Endorsement Requirements

Candidates who major in early childhood education are required to meet Illinois licensure requirements including at least three semester hours of cultural diversity course work. To advance to the first professional semester, candidates must have a) achieved an NIU GPA of 2.50 or better, b) a grade of C or better in HDFS 230, PSYC 102, SEEC 201, SESE 240, and c) completed the safety tutorial. To continue to enroll, candidates must maintain a minimum GPA of 2.50 in all professional education courses. The major GPA is calculated using course work completed in the Department of Special and Early Education.

As part of educator licensure,candidates are required to pass Illinois Licensure Testing System examinations as required by ISBE. Prior to student teaching, candidates must earn a passing score on the content area test (Early Childhood Education). During student teaching, candidates must earn a passing score on the Teacher Performance Assessment (edTPA). Failure to earn a passing score on the edTPA may result in the candidate receiving a degree without university recommendation for licensure.

Due to the comprehensive nature of the program and required course sequence, all candidates must plan their program of study with an early childhood education adviser. Some districts where candidates are placed for clinicals and student teaching may require a TB test. For information on additional requirements, candidates should carefully read the catalog section entitled "Educator Licensure Requirements."

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Professional Educator License with Early Childhood Education Endorsement and Preschool Special Education Approval

Candidates in the Early Childhood Education PEL program must earn a grade of C or better in SEEC 201, SEEC 230, SEEC 300, SEEC 340, SEEC 343, SEEC 403, SEEC 410, SEEC 425, SEEC 430, SESE 240, SESE 423, SESE 424, SESE 426, HDFS 230, HIST 260 (or HIST 261), LTIC 301, LTIC 445, LTLA 305, LTLA 361, LTRE 309, MATH 201, POLS 100, PSYC 102, and in courses meeting Other Core Curriculum requirements. Additionally, candidates must earn a grade of S in early clinical, practicum, and student teaching courses (SEEC 282, SEEC 382, SEEC 485A, and SEEC 485B). Candidates who do not meet these requirements must retake the course(s).

Requirements in Department (55)

- SEEC 201 - Play Development and Early Childhood Education Services Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Learning Pathway.
- SEEC 282 - Educational Participation in Clinical Experiences: Early Childhood Education Credits: 3
- SEEC 230 - Exploring the Early Childhood Education Major Credits: 1
- SEEC 300 - Observation and Assessment of Young Children Credits: 3
- SEEC 340 - The Language Arts and Social Studies for the Primary Child Credits: 3
- SEEC 343 - Teaching Science and Mathematics to Children Ages 5-8 Credits: 3
- SEEC 382 - Practicum in Early Childhood Education Credits: 3
- SEEC 403 - Primary Curriculum Credits: 3
- SEEC 410 - Trends and Issues in Early Childhood Education Credits: 3
- SEEC 425 - Developing Social/Emotional Problem-Solving Competencies in Young Children Credits: 3
- SEEC 430 - Preschool and Kindergarten Curriculum Credits: 3
- SEEC 485A - Student Teaching in Preschool-Kindergarten Credits: 6-12
  Candidates complete a total of 12 semester hours selected from these two courses.
- SEEC 485B - Student Teaching in Primary Credits: 6-12
  Candidates complete a total of 12 semester hours selected from these two courses.
- SESE 240 - Introduction to Special Education Credits: 3
  Not required for students who have earned an A.A.T. in Early Childhood.
- SESE 423 - Observation and Assessment in Early Childhood Special Education Credits: 3
- SESE 424 - Methods and Strategies for Promoting Development and Teaching Infants, Toddlers, and Young Children with Disabilities and Special Needs Credits: 3
- SESE 426 - Working with and Supporting Families of Young Children with Disabilities and Special Needs Credits: 3

Requirements outside Department (30)

- HDFS 230 - Child Development Credits: 3
  Not required for students who have earned an A.A.T. or A.A.S. in Early Childhood.
  This is a society and culture general education course for the Learning Pathway.
- HIST 260 - American History to 1865 Credits: 3
  Available for general education credit.
  Not required for students who have earned an A.A.T. or A.A.S. in Early Childhood.
  HIST 260 fulfills the Human Diversity Requirement.
  This is a creativity and critical analysis general education course for the Social Justice and Diversity Pathway.
- OR HIST 261 - American History since 1865 Credits: 3
  Available for general education credit.
  Not required for students who have earned an A.A.T. or A.A.S. in Early Childhood.
  HIST 261 fulfills the Human Diversity Requirement.
  This is a creativity and critical analysis general education course for the Sustainability Pathway.
- LTIC 301 - Teaching with a Multicultural Perspective Credits: 3
- LTIC 445 - Applied Linguistics for Teachers of Multilingual Learners Credits: 3
- LTLA 305 - Language Development Credits: 3
- LTLA 361 - Literature for the Young Child Credits: 3
- LTRE 309 - Emerging Literacy and Beginning Reading Instruction through Age 8 Credits: 3
- MATH 201 - Foundations of Elementary School Mathematics Credits: 3
  Available for general education credit.
  Not required for students who have earned an A.A.T. or A.A.S. in Early Childhood.
- POLS 100 - American Government and Politics Credits: 3
  Available for general education credit.
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.
  Not required for students who have earned an A.A.T. or A.A.S. in Early Childhood.

Other Core Curriculum Requirements for Licensure

Some candidates may have to complete up to 15 hours of coursework in Biological Science, Earth and Space Science, Physical Science, Geography, and Economics.

Total Hours for Professional Educator License with Early Childhood Education Endorsement and Preschool Special Education Approval: 85

Special Education (B.S.Ed.)

In the B.S. Ed. in Special Education degree, candidates focus their studies in one emphasis: Learning Behavior Specialist I (LBS I), Visual Impairments, Vision Rehabilitation Therapy (VRT), or Special Populations. The LBS I cross-categorical emphasis prepares candidates to obtain an Illinois professional educator license (PEL) with entitlement as a Learning Behavior Specialist I (K-age 21). The emphasis in Visual Impairments prepares candidates to obtain a PEL with entitlement in the area of Teacher of Students Who Are Blind or Visually Impaired (K-age 21). The VRT emphasis prepares students to obtain national licensure from the Academy for the Certification of Vision Rehabilitation and Education Professionals. Candidates in the VRT emphasis prepare to teach independent living skills to individuals with visual impairments. The VRT program does not lead to a PEL in the State of Illinois. The Special Populations emphasis prepares students to work with individuals with a range of disabilities across the lifespan in settings such as group homes, private agencies, and community organizations. The Special Populations emphasis does not lead to a PEL in the State of Illinois.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Entrance and Retention in the LBS I and Vision Impairments Program Emphases with Professional Educator Licensure

To advance to the first professional semester, candidates must have (a) achieved an NIU GPA of 2.50 or better, (b) received a grade of C or better in SESE 240 or an equivalent transfer course, and (c) completed the safety tutorial prior to the first clinical experience. Candidates in the LBSI emphasis must also complete SESE 260 or an equivalent course with an S (S/U grading). Advising staff verify completion of the safety tutorial, prerequisite course grades, and overall NIU GPA. All candidates who meet requirements are admitted to the Learning Behavior Specialist I or Visual Impairments teacher education program.

To remain a major in special education, candidates must (a) maintain a cumulative GPA of 2.50 or better, (b) receive a grade of C or better in professional courses and a grade of Satisfactory (S) in clinical courses, and (c) pass all state-mandated licensure tests the semester before enrolling in student teaching courses. Contact program advisors for information on mandated tests and deadlines for passing these before student teaching. For both the LBS I and the Visual Impairments emphases, candidates must pass all required courses in professional semesters with grades of C or better or, as appropriate, with a grade of S, before advancing to the next professional semester. Candidates must pass the first student teaching course with a grade of S before advancing to the second student teaching course.

School districts providing early clinical and student teaching placements may have additional requirements such as TB testing that candidates must complete prior to working with students.

Candidates are expected to meet all university and College of Education standards for retention as well as the standards set forth in the Council for Exceptional Children Code of Ethics and Standards for Professional Practice for Special Educators.

Transfer Students

Individuals who have earned the Associate of Arts in Teaching (A.A.T.) in Special Education may apply to transfer into the professional educator licensure program in either the Learning Behavior Specialist I (LBS I) or the Visual Impairments emphasis. Transfer students must (a) have a minimum transfer GPA of 2.50, and (b) have grades of C or better in A.A.T. professional special education courses. The LBS I emphasis requires that the A.A.T. program include courses in Language Development and Introduction to Foundations of Reading. Candidates transferring to NIU with an A.A.T. in Special Education, who intend to pursue the LBS I program, must contact the undergraduate academic adviser no later than one year prior to admission to NIU. Failure to do so may result in a delay of registration for the initial block sequence of courses leading to educator license with LBS I endorsement.

License and Endorsement Requirements

Candidates who major in special education in the Learning Behavior Specialist I emphasis or the Visual Impairments emphasis are required to meet the Illinois licensure requirements including 29-41 semester hours of general education classes which must include at least three semester hours of cultural diversity course work. Transfer students with an A.A. or A.S. degree also must meet these requirements for educator licensure. Some districts where candidates are placed for clinicals or student teaching may have additional requirements, such as a TB test. Candidates who successfully complete the program requirements and pass the state mandated tests including the Teacher Performance Assessment (edTPA) during student teaching will have completed all ISBE and CAEP standards necessary for receiving university recommendation for licensure and special education endorsement in Visual Impairments or Learning Behavior Specialist I. Successful completion of the program without a passing score on the state mandated edTPA may result in the candidate receiving a degree without university recommendation for licensure.

Endorsement for Non-Special Education Majors

Special Education course work meets all Illinois State Board of Education standards for endorsement in Special Education. This endorsement consists of 16-21 semester hours and is open to candidates currently seeking a Professional Educator License from a department other than SEED. Contact the academic adviser for details.

Emphasis 1. Learning Behavior Specialist I with PEL

Emphasis 1 prepares candidates for Illinois educator licensure with endorsement as a learning behavior specialist I (K-age 21).

Candidates in the LBS I with PEL program emphasis must earn a grade of C or better in SESE 240, SESE 370, SESE 415, SESE 416, SESE 417, SESE 444, SESE 446, SESE 447, SESE 448, SESE 459, SESE 460, SESE 461, as well as, EPFE 201, EPFE 321 or EPFE 410, EPS 405, ETR 434, ETT 402, LTCY 300, LTIC 301 or LTIC 420, MATH 201, and POLS 100 or POLS 150, and in courses meeting the Nature and Technology requirement. In addition, candidates must earn a grade of S in SESE 419 and all early field experience and student teaching courses (SESE 260, SESE 418, SESE 449, SESE 463, SESE 464, SESE 491, and SESE 492). Candidates who do not meet these requirements must retake the course(s).

Requirements in Department (60)

- SESE 230 - Exploring the Special Education Major Credits: 1
- SESE 240 - Introduction to Special Education Credits: 3
  Not required for students who have earned an A.A.T. in Special Education.
- SESE 260 - Observation of Individuals with Disabilities in Community and/or School Settings Credits: 1
- SESE 370 - Educational Interventions for Students with Diverse Abilities Credits: 3
- SESE 415 - Instructional Methods for Elementary Students with Mild Disabilities: Reading, Language Arts Credits: 4
  SESE 415 is a writing infused course.
- SESE 416 - Instructional Methods for Elementary Students with Mild Disabilities: Math and Science Credits: 3
- SESE 417 - Positive Behavior Support and Classroom Management for Special Educators Credits: 3
- SESE 418 - Early Field Experience in Special Education: Elementary, Mild Disabilities Credits: 2
- SESE 419 - Introduction to Instructional Planning and Teacher Performance Assessment Credits: 2
- SESE 444 - Instructional Methods and Strategies for Middle and Secondary Students with Mild Disabilities Credits: 3
  SESE 444 is a writing infused course.
- SESE 446 - Methods for Supporting the Social/Emotional Development of Students with Emotional/Behavior Disorders Credits: 3
- SESE 447 - Consultation, Collaboration, and Communication Skills for Special Educators Credits: 3

- SESE 448 - Planning for the Transition from School to Employment, Career and Postsecondary Education for Students with Disabilities Credits: 3
- SESE 449 - Early Field Experience in Special Education: Middle/Secondary Credits: 2
- SESE 459 - Professional Practice in Special Education Credits: 3
- SESE 460 - Instructional Methods for Individuals with Autism and Developmental Disabilities Credits: 3
- SESE 461 - Assistive Technology for Individuals with Autism and Multiple Disabilities Credits: 3
- SESE 463 - Early Field Experience in Special Education: Autism and Developmental Disabilities Credits: 2
- SESE 464 - Special Education Capstone/Pre-Student Teaching Seminar Credits: 1
- SESE 491 - Student Teaching in Elementary Special Education: LBS I Credits: 6-12
- SESE 492 - Student Teaching in Secondary Special Education: LBS I Credits: 6-12

Requirements outside Department (34)

- EPFE 201 - Education as an Agent for Change Credits: 3
  Available for general education credit.
  Not required for students who have earned an A.A.T. in Special Education.
  EPFE 201 also fulfills the Human Diversity Requirement.
- EPFE 321 - History of American Education Credits: 3
  Available for general education credit.
  EPFE 321 is a writing infused course.
  EPFE 321 also fulfills the Human Diversity Requirement.
  This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- OR EPFE 410 - Philosophy of Education Credits: 3
  Available for general education credit.
  EPFE 410 is a writing infused course.
- EPS 405 - Issues in Human Development in the Elementary Through High School Years Credits: 3
  Not required for students who have earned an A.A.T. in Special Education.
- OR HDFS 280 - Human Development, the Family, and Society Credits: 3
  Available for general education credit.
- OR PSYC 225 - Lifespan Development: Childhood Through Adulthood Credits: 3
  Available for general education credit.
- ETR 434 - Assessing Students with Special Needs Credits: 3
- ETT 229 - Computers in Education Credits: 3
  or pass the ETRA Skills Competency Examination Credits: 0
- ETT 402 - Teaching and Learning with Technology Credits: 3
- LTIC 301 - Teaching with a Multicultural Perspective Credits: 3
- OR LTIC 420 - Methods and Materials for Teaching Multilingual Learners in the Content Areas Credits: 3
- LTCY 300 - Foundations of Instruction in Reading, Writing, and the Other Language Arts Credits: 4
  Not required for students who have earned an A.A.T. in Special Education.
- MATH 201 - Foundations of Elementary School Mathematics Credits: 3
  Available for general education credit.
  Not required for students who have earned an A.A.T. in Special Education.
- POLS 100 - American Government and Politics Credits: 3
  Available for general education credit.
  Not required for students who have earned an A.A.T. in Special Education.
- OR POLS 150 - Democracy in America Credits: 3
  Available for general education credit.
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.
  Not required for students who have earned an A.A.T. in Special Education.

Total Hours for Emphasis 1, Learning Behavior Specialist I: 94

Emphasis 2. Visual Impairments with PEL

Emphasis 2 prepares candidates for Illinois educator licensure with endorsement in the area of Teacher of Students Who Are Blind or Visually Impaired. (K-age 21.)

Candidates in the Visual Impairments emphasis must earn a grade of C or better in SEVI 400, SEVI 410, SEVI 420, SEVI 421, SEVI 430, SEVI 440, SEVI 441, SEVI 450, SEVI 480, SEVI 484, SEVI 485, and SEVI 486. In addition, candidates must earn a grade of C or better in EPFE 201 EPFE 321 or EPFE 410, EPS 405, ETR 434, ETT 402, LTCY 300, LTIC 301 or LTIC 420, MATH 201, SESE 240, SESE 415, SESE 416, SESE 417, SESE 444, and SESE 447, and in courses meeting the Nature and Technology requirement. In addition, candidates must earn a grade of S in SESE 418 and SESE 449. Candidates who do not meet these requirements must retake the course(s).

Requirements in Department (65)

- SESE 240 - Introduction to Special Education Credits: 3
- SESE 415 - Instructional Methods for Elementary Students with Mild Disabilities: Reading, Language Arts Credits: 4
  SESE 415 is a writing infused course.
- SESE 416 - Instructional Methods for Elementary Students with Mild Disabilities: Math and Science Credits: 3
- SESE 417 - Positive Behavior Support and Classroom Management for Special Educators Credits: 3

- SESE 418 - Early Field Experience in Special Education: Elementary, Mild Disabilities Credits: 2
- SESE 444 - Instructional Methods and Strategies for Middle and Secondary Students with Mild Disabilities Credits: 3
  SESE 444 is a writing infused course.
- SESE 447 - Consultation, Collaboration, and Communication Skills for Special Educators Credits: 3
- SESE 449 - Early Field Experience in Special Education: Middle/Secondary Credits: 2
- SEVI 400 - Education of Students with Visual Impairments Credits: 3
- SEVI 410 - Anatomy, Pathology, and Functioning of the Eye Credits: 3
- SEVI 420 - Literary Braille Credits: 3
- SEVI 421 - Advanced Braille Credits: 3
- SEVI 440 - Communication Systems Used By Persons with Visual Impairments Credits: 3
- SEVI 430 - Basic Orientation and Mobility for Teachers of Persons with Visual Impairments Credits: 3
- SEVI 441 - Instructional Systems for Use of Low Vision in Educational Settings Credits: 3
- SEVI 450 - Assistive Technology for Individuals with Visual Impairments Credits: 3
- SEVI 480 - Field Experience in Special Education: Visual Impairments Credits: 3
- SEVI 484 - Student Teaching in Elementary Special Education: Visual Impairments Credits: 6
- SEVI 485 - Student Teaching in Secondary Special Education: Visual Impairments Credits: 6
- SEVI 486 - Topical Seminar in Teaching Students with Visual Impairments Credits: 3

Requirements outside Department (28-31)

- EPFE 201 - Education as an Agent for Change Credits: 3
  Available for general education credit.
  EPFE 201 also fulfills the Human Diversity Requirement.
- EPFE 321 - History of American Education Credits: 3
  EPFE 321 is a writing infused course.
  EPFE 321 also fulfills the Human Diversity Requirement.
  This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- OR EPFE 410 - Philosophy of Education Credits: 3
  EPFE 410 is a writing infused course.
- EPS 405 - Issues in Human Development in the Elementary Through High School Years Credits: 3
- OR HDFS 280 - Human Development, the Family, and Society Credits: 3
- OR PSYC 225 - Lifespan Development: Childhood Through Adulthood Credits: 3
- ETR 434 - Assessing Students with Special Needs Credits: 3
- ETT 229 - Computers in Education Credits: 3
  or pass the ETRA Skills Competency Examination. Credits: 0
- ETT 402 - Teaching and Learning with Technology Credits: 3
- LTCY 300 - Foundations of Instruction in Reading, Writing, and the Other Language Arts Credits: 4
- LTIC 420 - Methods and Materials for Teaching Multilingual Learners in the Content Areas Credits: 3
- OR LTIC 301 - Teaching with a Multicultural Perspective Credits: 3
  LTIC 301 also fulfills the Human Diversity Requirement.
- MATH 201 - Foundations of Elementary School Mathematics Credits: 3
  Available for general education credit.
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.

Total Hours for Emphasis 2, Visual Impairments: 93-96

Emphasis 3. Vision Rehabilitation Therapy

This program prepares students to teach independent living skills to individuals with visual impairments. Program requirements allow students to obtain national licensure from the Academy for the Certification of Vision Rehabilitation and Education Professionals. This program does not qualify students for professional educator licensure in the State of Illinois.

Students in the Vision Rehabilitation Therapy major must maintain an NIU GPA of 2.50 and earn a grade of C or better in ENGL 103, ENGL 203, all knowledge domain coursework, and all SESE and SEVI courses; including SESE 240, SEVI 410, 420, 430, 440, 441, 443, 445, 447, 450, 451, and 460. Students must earn a grade of S in all courses with S/U grading including including SEVI 481 and 489. Students who do not meet these requirements must retake the course(s). Transfer students must meet all NIU requirements for admission to the university.

Requirements in Department (45-51)

- SESE 240 - Introduction to Special Education Credits: 3
- SEVI 410 - Anatomy, Pathology, and Functioning of the Eye Credits: 3
- SEVI 420 - Literary Braille Credits: 3
- SEVI 430 - Basic Orientation and Mobility for Teachers of Persons with Visual Impairments Credits: 3
- SEVI 440 - Communication Systems Used By Persons with Visual Impairments Credits: 3
- SEVI 441 - Instructional Systems for Use of Low Vision in Educational Settings Credits: 3
- SEVI 443 - Teaching Activities of Daily Living to Persons with Visual and Multiple Disabilities Credits: 3

- SEVI 445 - Home Management for Persons with Visual Impairments and Multiple Disabilities Credits: 3
- SEVI 447 - Collaboration Among School Professionals Working with Students with Visual and Multiple Impairments Credits: 3
- SEVI 450 - Assistive Technology for Individuals with Visual Impairments Credits: 3
- SEVI 451 - Assistive Technology for Persons with Visual Impairments: Advanced Topics Credits: 3
- SEVI 460 - Rehabilitation of Adults with Visual Impairments Credits: 3
- SEVI 481 - Practicum in Rehabilitation Teaching of Persons with Visual Impairments Credits: 1-12
- SEVI 489 - Internship in Rehabilitation Teaching of Person with Visual Impairments Credits: 1-12

Other course requirements (33)

Students are encouraged to pursue a minor in a related field to attain sufficient credit hours for NIU graduation.

Total Hours for Vision Rehabilitation Therapy: (78-84)

Emphasis 4. Special Populations

This emphasis prepares candidates to work with individuals with a range of disabilities in private organizations, community settings, agencies, and other settings outside of public schools. Candidates are prepared to work with individuals with disabilities across the lifespan. This program does not entitle candidates for professional educator licensure in the State of Illinois.

Candidates in the special populations emphasis must have an NIU GPA of at least 2.50 by the start of their junior year and maintain an NIU GPA of 2.50 or better to remain in the program. Candidates must also earn a C or better in all Special and Early Education courses, or a grade of S in courses with S/U grading. Candidates who do not meet these requirements must retake the course(s). Candidates must fulfill NIU requirements for general education, human diversity, and writing infused course work. Transfer students must meet all NIU requirements for admission to the university.

Requirements in Department (41-49)

- SESE 230 - Exploring the Special Education Major Credits: 1
- OR SEEC 230 - Exploring the Early Childhood Education Major Credits: 1
- SESE 240 - Introduction to Special Education Credits: 3
  Not required for students who have earned an A.A.T. in Special Education
- SESE 260 - Observation of Individuals with Disabilities in Community and/or School Settings Credits: 1
- OR SEEC 282 - Educational Participation in Clinical Experiences: Early Childhood Education Credits: 3
- SESE 489 - Internship in Community Education Credits: 6-12
- Plus an additional 30 credit hours of upper level coursework from within department.

Requirements outside Department (31-36)

- EPFE 201 - Education as an Agent for Change Credits: 3
  Available for general education credit.
  Not required for students who have earned an A.A.T. in Special Education.
  EPFE 201 also fulfills the Human Diversity Requirement.
- EPFE 302 - Advocacy, Justice and Leadership in a Diverse Society Credits: 3
- EPS 405 - Issues in Human Development in the Elementary Through High School Years Credits: 3
  Not required for students who have earned an A.A.T. in Special Education.
  OR HDFS 285 - Introduction to Family Life Education (3)
  OR HDFS 230 - Child Development (3)
  OR PSYC 225 - Lifespan Development: Childhood through Adulthood (3)
- ETR 434 - Assessing Students with Special Needs Credits: 3
- OR SEEC 300 - Observation and Assessment of Young Children Credits: 3
- ETT 229 - Computers in Education Credits: 3
- LTIC 301 - Teaching with a Multicultural Perspective Credits: 3
- OR LTIC 420 - Methods and Materials for Teaching Multilingual Learners in the Content Areas Credits: 3
- LTCY 300 - Foundations of Instruction in Reading, Writing, and the Other Language Arts Credits: 4
  Not required for students who have earned an A.A.T. in Special Education.
- OR LTRE 309 - Emerging Literacy and Beginning Reading Instruction through Age 8 Credits: 3
- MATH 201 - Foundations of Elementary School Mathematics Credits: 3
  Available for general education credit.
  Not required for students who have earned an A.A.T. in Special Education.
- POLS 100 - American Government and Politics Credits: 3
  Available for general education credit.
  Not required for students who have earned an A.A.T. in Special Education.
  OR POLS 150 - Democracy in America (3)
  POLS 150 Available for general education credit.
  POLS 150 Not required for students who have earned an A.A.T. in Special Education.
- PSYC 102 - Introduction to Psychology Credits: 3

Available for general education credit.
Not required for students who have earned an A.A.T. in Special Education.

- REHB 200 - Disability in Society Credits: 3
- REHB 327 - Introduction to Rehabilitation Services Credits: 3

Focus area requirements (18 - 21)

Candidates must complete a course sequence leading to one of the listed minors or the certificate of undergraduate studies in Young Children with Disabilities:

- Communicative Disorders (18)
- Deafness (21)
- Nonprofit and NNGO Studies (18)
- Rehabilitation Counseling (18)
- Social Change Leadership (18)
- Special Education Foundations (18)
- Young Children with Disabilities (15) and SEEC 282 - Educational Participation in Clinical Experiences: Early Childhood Education (3)

Total Number of Hours for Emphasis 4, Special Populations (98-106)

Transfer students and native NIU candidates must complete general education course requirements within the Knowledge Domains, as well as requirements for human diversity and writing infused course work.

Minor

Minor in Special Education Foundations (18)

The minor in special education foundations is designed for NIU students not pursuing professional educator licensure. Course work focuses on legal and societal perspectives of disabilities, and ways in which individuals with disabilities participate in employment, leisure, and daily living activities. Emphasis is on the impact of disability in non-educational settings. Nine or more semester hours in the minor must be completed at NIU. Students pursuing this minor must formally file the Minor Request form with the undergraduate adviser in the Department of Special and Early Education.

Check departmental information for additional requirements.

Requirements (18)

- EPFE 302 - Advocacy, Justice and Leadership in a Diverse Society Credits: 3
- REHB 200 - Disability in Society Credits: 3
- SESE 240 - Introduction to Special Education Credits: 3
- SESE 260 - Observation of Individuals with Disabilities in Community and/or School Settings Credits: 1
- SESE 320 - Disability in Film Credits: 3
  Available for general education credit.
- SESE 490 - Workshop in Special Education Credits: 1-3

At least one of the following: (3)

- FLSL 101 - Beginning American Sign Language I Credits: 3
- REHB 300 - Psychiatric Disability in Society Credits: 3
  Available for general education credit.
- REHB 327 - Introduction to Rehabilitation Services Credits: 3
- REHB 482 - Employment Services in Vocational Rehabilitation Credits: 3
- REHB 492 - Medical Aspects of Disability in Rehabilitation Credits: 3
- SEVI 205 - The Blindness Experience Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Health and Wellness Pathway.

Certificate of Undergraduate Study

Inclusive Practices

This certificate is designed to prepare students with knowledge and skills related to individuals with disabilities in a variety of settings. This certificate is appropriate for NIU students pursuing educator licensure in an area other than special education or those interested in careers working with individuals with disabilities outside of the public school setting. Course work in this program focuses on the impact of disabilities on children in school or other settings and ways to facilitate their learning. All course requirements for this certificate must be completed at NIU unless otherwise approved by department (maximum of 3 credit hours). All NIU coursework must be completed unless otherwise approved by department (maximum of 3 credit hours). All NIU coursework must be completed within three calendar years. Students pursuing this certificate must file a formal application with the undergraduate adviser in the Department of Special and Early Education and must complete all certificate requirements before the certificate is listed on the transcript. This certificate does not fulfill requirements for special education endorsement. Students who want to earn the Special Education endorsement should contact their adviser for further information.

Requirements (16)

- SESE 240 - Introduction to Special Education Credits: 3
- SESE 260 - Observation of Individuals with Disabilities in Community and/or School Settings Credits: 1
- SESE 417 - Positive Behavior Support and Classroom Management for Special Educators Credits: 3
- SESE 490 - Workshop in Special Education Credits: 1-3
  Must be taken for 3 credits.

Select two courses from the following (6)

- REHB 327 - Introduction to Rehabilitation Services Credits: 3
- SESE 320 - Disability in Film Credits: 3
- SESE 370 - Educational Interventions for Students with Diverse Abilities Credits: 3
- SESE 426 - Working with and Supporting Families of Young Children with Disabilities and Special Needs Credits: 3
- SESE 448 - Planning for the Transition from School to Employment, Career and Postsecondary Education for Students with Disabilities Credits: 3
- SEVI 420 - Literary Braille Credits: 3

Young Children with Disabilities Studies (15)

This certificate is designed to prepare students with a set of courses focused on assessment and instruction of young children with disabilities. Students completing this certificate will acquire the skills and techniques for assessing the communication, social, and cognitive skills of young children and providing appropriate supports to children and families. The certificate of undergraduate study in young children with disabilities studies is open to all students admitted to Northern Illinois University. All course requirements for this certificate must be completed at NIU unless otherwise approved by the department (maximum of 3 credit hours). All NIU courses must be completed within three calendar years. Students who want to pursue this certificate must receive approval and advisement from advisers in the Department of Special and Early Education. All course requirements for this certificate must be completed at NIU. Teacher candidates who want to earn the Early Childhood Special Education approval should contact their adviser for further information.

Requirements (15)

- SESE 240 - Introduction to Special Education Credits: 3
- SESE 423 - Observation and Assessment in Early Childhood Special Education Credits: 3
- SESE 424 - Methods and Strategies for Promoting Development and Teaching Infants, Toddlers, and Young Children with Disabilities and Special Needs Credits: 3
- SESE 426 - Working with and Supporting Families of Young Children with Disabilities and Special Needs Credits: 3
- LTLA 305 - Language Development Credits: 3

List of courses

SEEC 201 - Play Development and Early Childhood Education Services

SEEC 230 - Exploring the Early Childhood Education Major

SEEC 282 - Educational Participation in Clinical Experiences: Early Childhood Education

SEEC 300 - Observation and Assessment of Young Children

SEEC 304 - Introduction to Community Education: Children

SEEC 309 - Prior Learning Experiences Portfolio Assessment: Education Childhood Education

SEEC 340 - The Language Arts and Social Studies for the Primary Child

SEEC 343 - Teaching Science and Mathematics to Children Ages 5-8

SEEC 382 - Practicum in Early Childhood Education

SEEC 403 - Primary Curriculum

SEEC 410 - Trends and Issues in Early Childhood Education

SEEC 412 - Trends and Issues in Professional Services for Young Children

SEEC 425 - Developing Social/Emotional Problem-Solving Competencies in Young Children

SEEC 430 - Preschool and Kindergarten Curriculum

SEEC 485A - Student Teaching in Preschool-Kindergarten

SEEC 485B - Student Teaching in Primary

SEEC 489 - Internship in Early Childhood Educational Services

SEEC 490 - Workshop in Early Childhood Education

SEEC 492 - Special Topics in Early Childhood Education

SEEC 497 - Independent Study

SESE 210 - International Perspectives on Educating Individuals with Disabilities

SESE 230 - Exploring the Special Education Major

SESE 240 - Introduction to Special Education

SESE 250 - Introduction to Professional Leadership in Special Education

SESE 260 - Observation of Individuals with Disabilities in Community and/or School Settings

SESE 304 - Introduction to Community Education: Adults with Special Needs

SESE 309 - Prior Learning Experiences Portfolio Assessment: Special Education

SESE 320 - Disability in Film

SESE 370 - Educational Interventions for Students with Diverse Abilities

SESE 375 - Linking Student Characteristics to Educational Interventions

SESE 410 - Positive Behavior Supports in School and Community Settings

SESE 415 - Instructional Methods for Elementary Students with Mild Disabilities: Reading, Language Arts

SESE 416 - Instructional Methods for Elementary Students with Mild Disabilities: Math and Science

SESE 417 - Positive Behavior Support and Classroom Management for Special Educators

SESE 418 - Early Field Experience in Special Education: Elementary, Mild Disabilities

SESE 419 - Introduction to Instructional Planning and Teacher Performance Assessment

SESE 421 - Technology and Students with Disabilities

SESE 423 - Observation and Assessment in Early Childhood Special Education

SESE 424 - Methods and Strategies for Promoting Development and Teaching Infants, Toddlers, and Young Children with Disabilities and Special Needs

SESE 426 - Working with and Supporting Families of Young Children with Disabilities and Special Needs

SESE 427 - Issues and Recommended Practices in Early Childhood Special Education

SESE 444 - Instructional Methods and Strategies for Middle and Secondary Students with Mild Disabilities

SESE 446 - Methods for Supporting the Social/Emotional Development of Students with Emotional/Behavior Disorders

SESE 447 - Consultation, Collaboration, and Communication Skills for Special Educators

SESE 448 - Planning for the Transition from School to Employment, Career and Postsecondary Education for Students with Disabilities

SESE 449 - Early Field Experience in Special Education: Middle/Secondary

SESE 453 - Transition Planning Using Technology

SESE 455X - Teaching Multilingual Learners with Exceptionalities

SESE 456 - Methods for Collaboration and Inclusion for Elementary Education Teachers

SESE 457 - Methods for Including Middle and Secondary Students with Exceptionalities in the General Education Classroom

SESE 459 - Professional Practice in Special Education

SESE 460 - Instructional Methods for Individuals with Autism and Developmental Disabilities

SESE 461 - Assistive Technology for Individuals with Autism and Multiple Disabilities

SESE 462 - Self-Determination and Transition Planning Using Technology

SESE 463 - Early Field Experience in Special Education: Autism and Developmental Disabilities

SESE 464 - Special Education Capstone/Pre-Student Teaching Seminar

SESE 465 - Consultation and Collaboration Skills for Special Educators

SESE 480 - Practical Education-Based Experience in Special Education

SESE 489 - Internship in Community Education

SESE 490 - Workshop in Special Education

SESE 491 - Student Teaching in Elementary Special Education: LBS I

SESE 492 - Student Teaching in Secondary Special Education: LBS I

SESE 494 - Capstone Seminar in Special Education

SESE 497 - Independent Study

SEVI 205 - The Blindness Experience

SEVI 400 - Education of Students with Visual Impairments

SEVI 410 - Anatomy, Pathology, and Functioning of the Eye

SEVI 420 - Literary Braille

SEVI 421 - Advanced Braille

SEVI 430 - Basic Orientation and Mobility for Teachers of Persons with Visual Impairments

SEVI 440 - Communication Systems Used By Persons with Visual Impairments

SEVI 441 - Instructional Systems for Use of Low Vision in Educational Settings

SEVI 442 - Instructional Systems for Teaching Students Who Are Visually Impaired

SEVI 443 - Teaching Activities of Daily Living to Persons with Visual and Multiple Disabilities

SEVI 445 - Home Management for Persons with Visual Impairments and Multiple Disabilities

SEVI 447 - Collaboration Among School Professionals Working with Students with Visual and Multiple Impairments

SEVI 450 - Assistive Technology for Individuals with Visual Impairments

SEVI 451 - Assistive Technology for Persons with Visual Impairments: Advanced Topics

SEVI 460 - Rehabilitation of Adults with Visual Impairments

SEVI 480 - Field Experience in Special Education: Visual Impairments

SEVI 481 - Practicum in Rehabilitation Teaching of Persons with Visual Impairments

SEVI 484 - Student Teaching in Elementary Special Education: Visual Impairments

SEVI 485 - Student Teaching in Secondary Special Education: Visual Impairments

SEVI 486 - Topical Seminar in Teaching Students with Visual Impairments

SEVI 489 - Internship in Rehabilitation Teaching of Person with Visual Impairments

College of Engineering and Engineering Technology

Donald R. Peterson, Ph.D., FAIMBE, Dean
Mansour Tahernezhadi, Ph.D., P.E., Senior Associate Dean, Research and Graduate Programs
Reinaldo J. Moraga, Ph.D., Interim Associate Dean, Undergraduate Programs

The departments of the College of Engineering and Engineering Technology offer baccalaureate programs leading to the degree Bachelor of Science (B.S.). The College of Engineering and Engineering Technology offers a contract major leading to a B.S. degree or the degree Bachelor of General Studies (B.G.S.).

The College of Engineering and Engineering Technology shares the university's commitment to the transmission, expansion, and application of knowledge through teaching, research, and public service. The college takes as its particular responsibility the development and delivery of excellent upper-division programs in mainline engineering and technology fields applicable to the region's current and potential industrial mix.

The offerings in the College of Engineering and Engineering Technology prepare students for entry into and advancement within specialized career and professional fields as well as provide undergraduate academic programs of study. The undergraduate programs in electrical engineering, industrial engineering, and mechanical engineering are accredited by the Accreditation Board for Engineering and Technology (ABET). The technology programs are developed as appropriate according to ABET or National Association of Industrial Technology criteria.

Department Names and Undergraduate Programs Offered

Interdisciplinary College Administered Programs

B.S. in biomedical engineering
B.S. in mechatronics engineering

Department of Electrical Engineering

B.S. in electrical engineering

Department of Industrial and Systems Engineering

B.S. in industrial and systems engineering

Department of Mechanical Engineering

B.S. in mechanical engineering

Department of Engineering Technology

B.S. in engineering technology

Mission

The College of Engineering and Engineering Technology has an unwavering commitment to educating and training the diverse northern Illinois community through the highest level of academic and public service programs readily accessible to students, industries and citizens.

Academic Advising

The office of the associate dean assists students in interpreting university and college policies and requirements. At the department level, faculty advisers assist students in establishing academic goals and in course selection.

Degree with Honors

The College of Engineering and Engineering Technology (CEET) Honors Program is designed to provide exceptional students an opportunity to conduct in-depth exploration and research of topics in engineering and technology. This program is intended to support the general mission of the University Honors Program with the specific goal of providing students more interaction with faculty, opportunities for undergraduate research, and exposure to research activity expected of graduate programs.

Students who wish to work toward a B.S. degree with honors in engineering or engineering technology should discuss the matter with the departmental undergraduate adviser and a representative from the university honors program. Lower division honors for freshmen and sophomores is managed by the University Honors Program and can be achieved through the registration for honors courses that are part of general education or major requirements. Engineering and engineering technology majors with at least a 3.20 overall GPA and a minimum 3.40 GPA in the courses required in the chosen major are eligible for the CEET Honors Program. Admission to the college's upper division honors program will be considered only for majors in their junior and senior years and requires the approval of the departmental undergraduate adviser, the college honors director, and a representative of the university honors program. Should the student's GPA fall below the minimum requirements for an academic term, the student must achieve these standards no later than the end of the following semester to remain in the program.

Requirements for earning the baccalaureate degree "With Engineering Honors" include a minimum of 12 semester hours of honors courses numbered 300 or above that are within the chosen major program. The senior capstone design course specific to their discipline (i.e., ELE 492, MEE 482, etc.) must count toward the required hours of honors work and include an individual independent research activity separate from the final design report. The topic and scope of the independent research activity must be approved by the faculty project adviser and the college honors director. A final report of the activity is filed with both the college and the university honors program.

Note: Most engineering honors courses are not separate courses but rather subsections of regular courses with an

enriching experience. The honors student may contract an honors designation of those courses without explicit honors mini-sections.

Dean's List Criteria

The College of Engineering and Engineering Technology recognizes undergraduates whose academic performance has been outstanding by placing them on the Dean's List. The Dean's List consists of students who achieve a GPA of 3.50 or higher (on a 4.00 scale) while completing a minimum of 12 graded semester hours within a fall or spring semester.

Interdisciplinary College Administered Programs

The College of Engineering and Engineering Technology administers three undergraduate degrees: a B.S. in biomedical engineering and a B.S. in mechatronics engineering and one contract major. Additionally, a minor in biomedical engineering and a certificate of undergraduate study in nanotechnology are administered under the college. For additional information on the contract major, please see Engineering and Engineering Technology B.S. Contract Major. For additional information on the certificate in nanotechnology, please see Nanotechnology (9).

As professions, both biomedical engineering and mechatronics engineering demand that the individual work with others in supporting disciplines to achieve common goals. Design is central to both professions and is integrated throughout the curricula for both programs. The design experience in each program is supported by concepts related to reliability, maintainability, and product value.

The B.S. in biomedical engineering offers two tracks: biomechanics and biomaterials in Track 1, and biomedical instrumentation, sensors and signal processing in Track 2. Both tracks in biomedical engineering will equip students with the basic competence and job skills needed to design, develop, and operate biomedical systems and devices.

Accelerated B.S./M.S. Sequence

Accelerated B.S. Biomedical Engineering /M.S. Electrical Engineering

This accelerated sequence leads to the B.S. in biomedical engineering and M.S. degree in electrical engineering and is open to all undergraduate biomedical engineering majors who finished at least 90 semester hours of undergraduate course work with a minimum GPA of 3.00. A minimum GPA of 3.00 must be maintained during the course of study. Failure to meet the requirements of the accelerated sequence may lead to a B.S. degree only, but only after all the requirements for that degree have been met.

With this program, M.S. courses can be taken three semesters prior to earning the B.S. degree and have up to 18 semester hours count towards both the M.S. and B.S. degrees. A GRE is not required. Students must meet Graduate School application deadlines. Interested students should talk with an adviser as early as possible and are encouraged to apply during the spring semester of their junior year.

Students wishing to take part in this program should be aware of all the regulations and restrictions of accelerated baccalaureate/master's degree programs as outlined in the NIU Graduate School Catalog under the heading of Early Admission of NIU Undergraduates; and Admission to Accelerated Baccalaureate/Master's Degree Programs.

All students enrolled in this sequence must have their schedule approved by their faculty adviser each semester. Any deviation from an approved course schedule may delay graduation.

Accelerated B.S. Mechatronics Engineering/M.S. Mechanical Engineering

The department also offers an accelerated B.S./M.S. sequence that leads to a M.S. in Mechanical Engineering after students received a B.S. in Mechatronics Engineering. This accelerated sequence is open to all undergraduate mechanical engineering and mechatronics engineering majors who have finished at least 90 semester hours of undergraduate course work with a minimum GPA of 3.00. A minimum GPA of 3.00 must be maintained during the course of study. Failure to meet the requirements of the accelerated sequence may lead to a B.S. only, but only after the requirements for that degree have been met.

With this program, a student can take B.S. and M.S. courses simultaneously, up to three semesters before earning the undergraduate degree. One can have up to 18 semester hours count towards both the undergraduate and graduate degrees. A GRE is not required. Students must meet Graduate School application deadlines. Interested students should talk with an adviser as early as possible and are encouraged to apply during the spring semester of their junior year.

Students wishing to take part in this program should be aware of all the regulations and restrictions of accelerated baccalaureate/master's degree programs as outlined in the NIU Graduate School Catalog under the heading of Early Admission of NIU Undergraduates; and Admission to Accelerated Baccalaureate/Master's Degree Programs.

All students enrolled in this sequence must have their schedule approved by their faculty adviser each semester. Any deviation from an approved course schedule may delay graduation.

University Honors students who are actively accumulating points through honors course work or Engage PLUS are guaranteed admission to the B.S./M.S. program.

Accelerated B.S. /J.D. Program in Engineering or Engineering Technology and the College of Law

For information on this accelerated degree, please see Accelerated B.S. /J.D. Program in Engineering or Engineering Technology and the College of Law.

Biomedical Engineering (BME)

The B.S. in biomedical engineering will equip students with the basic competence and job skills needed to design, develop, and operate systems and devices in healthcare industry. These technologies include medical equipment and instruments, devices, computer systems, firmware, and software used in the ever-growing healthcare industry. The B.S. in biomedical engineering offers two tracks: biomechanics and biomaterials in Track 1, and biomedical instrumentation, sensors and signal processing in Track 2. Both tracks in biomedical engineering will equip students with the basic competence and job skills needed to design, develop, and operate biomedical systems and devices.

As a profession, biomedical engineering demands the individual to work with others in supporting disciplines to achieve common goals. Design is central to the biomedical engineering profession and is integrated throughout the curriculum. The work of biomedical engineers spans many professional careers, providing opportunities in research and development, quality assurance, as well as system and software design. The student is encouraged to approach central technical issues with increased awareness of logistical, ethical, and social implications. Respect for the safety of persons and property is integral to the biomedical engineering curriculum.

Mission

The Biomedical Engineering Program seeks to provide students with fundamental knowledge and skills needed to excel at the integration of engineering, science, and medicine to solve biological and medical problems, improve quality of life, and become future biomedical engineering leaders.

The biomedical engineering program joins the university in its commitment to the transmission, expansion, and application of knowledge through teaching, research, and public service. In this commitment, the program features close interaction with area industries and fosters an ongoing exchange of ideas to benefit its students, alumni, and the community at large.

Biomedical Engineering Program Educational Objectives

The undergraduate Biomedical Engineering Program Educational Objectives (PEO's) are that our alumni:

- Will be engaged in practice as a biomedical engineer, and/or biomedical scientist, in a career involving human health and well-being (PEO 1),
- Will progress in their biomedical engineering careers or careers as a health professional (PEO 2), and
- Will engage in life-long learning and continuous self-development in biomedical engineering, or other related fields, through professional development and/or post-graduate education (PEO 3).

A B.S. in Biomedical Engineering will equip students with cross-disciplinary knowledge and training in life sciences and medicine, training them to apply core engineering principles to analyzing and solving complex problems in the biomedical related fields. Graduates of this program are expected to have a solid background in mathematics, sciences, and engineering fundamentals as well as core biological sciences. Successful completion of this program should enable the graduates with the ability to seamlessly transition between fields in identifying and solving problems pertinent to life sciences and medicine. The program curriculum will involve engaged teaching and learning as well as design experience through establishing a synergy between classroom and hands-on laboratory activities. This curriculum has an emphasis on creating, transmitting, expanding, and applying knowledge in the practice of biomedical engineering in a professional and ethical way, while preparing our graduates to succeed in the industry as well as preparing them for graduate education.

Program Learning Outcomes for Biomedical Engineering

The Biomedical Engineering Program is designed to provide our graduates with:

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. An ability to communicate effectively with a range of audiences.
4. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Program Requirements

All biomedical engineering students must have their schedule reviewed, approved, and signed by their faculty adviser each semester. Any deviation from an approved course schedule may delay graduation.

Mechatronics Engineering (MCTR)

The B.S. in mechatronics engineering will equip students with the basic competence and job skills needed to design, develop, and create smart machines that are aware of their surroundings and can make decisions. These smart machines are made of sensing and actuation, control systems, hardware and software. Such intelligent machines are ever evolving, while utilizing the internet of things, artificial intelligence, and cloud technologies. Mechatronic engineers are revolutionizing consumer products by developing futuristic robots, drones, and vehicles.

As a profession, mechatronics engineering demands the individual to work with others in supporting disciplines to achieve common goals. Design is central to the mechatronics engineering profession and is integrated throughout the curriculum. The curriculum is based on a strong foundation of fundamental courses in sciences and engineering, and discipline-specific courses in mechatronics engineering. The work of mechatronics engineers spans many professional careers, providing opportunities in research and development, as well as system and software design. The student is encouraged to approach central technical issues with increased awareness of ethical, and social implications.

Mission

The mission of the program is to provide a high-quality, visionary engineering education that reflects professional engineering standards and prepares students to become engineers and leaders capable of solving technical challenges that industry and society face now and in the future; to conduct quality research by developing and/or applying engineering knowledge and tools to address society's technical needs and challenges; and to provide quality professional and public services to our communities.

Mechatronics Engineering Program Educational Objectives

In three to five years after the completion of the baccalaureate degree, Mechatronics Engineering graduates will:

- Be competent mechatronic engineers who are knowledgeable, skillful and able to solve complex engineering problems.
- Have inclination towards research and lifelong learning and be able to promote entrepreneurial ideas.
- Be effective engineers with leadership qualities, high morals, and professional ethics.

Student Outcomes

The mechatronics engineering programs are designed to provide our graduates with:

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. An ability to communicate effectively with a range of audiences.
4. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Program Requirements

All mechatronics engineering students must have their schedule reviewed, approved, and signed by their faculty adviser each semester. Any deviation from an approved course schedule may delay graduation.

Majors

Biomedical Engineering (B.S.)

Check departmental information for additional requirements.

Course Requirements

Students entering the BME program complete the required course work within the program and outside of the program and complete three BME track elective courses and three technical track electives from the list of preapproved courses, based on the track they choose.

Tracks in Biomedical Engineering Program

There are three tracks in the BME program:

- Track 1: Biomechanics
- Track 2: Biomedical Instrumentation, Sensors and Signal Processing
- Track 3: Biomaterials

Requirements in Program (20)

- BME 201 - Introduction to Biomedical Engineering Credits: 3
- BME 320 - Biomedical Engineering Measurements Credits: 4
- BME 330 - Biomechanics Credits: 3
- BME 336 - Biomaterials Credits: 3
- BME 395 - Biomedical Engineering Junior Design Credits: 1
- BME 495 - Senior Biomedical Engineering Design I Credits: 3
  BME 495 is a writing infused course.
- BME 496 - Senior Biomedical Engineering Design II Credits: 3
  BME 496 is a writing infused course.

Requirements outside Program (64)

- BIOS 208 - Fundamentals of Cellular Biology Credits: 3
- BIOS 210 - Fundamentals of Cellular Biology Laboratory Credits: 1
- BIOS 357 - Human Anatomy and Physiology Credits: 5
- CHEM 210 - General Chemistry I Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- CHEM 211 - General Chemistry II Credits: 3
- CHEM 212 - General Chemistry Laboratory I Credits: 1
- CHEM 213 - General Chemistry Laboratory II Credits: 1
- CHEM 336 - Organic Chemistry I Credits: 3
- CSCI 240 - Computer Programming in C++ Credits: 4
- ELE 210 - Engineering Circuit Analysis Credits: 3
- ELE 210U - Engineering Circuit Laboratory Project Credits: 1
- ELE 315 - Signals and Systems Credits: 3
- ISYE 335 - Probability and Statistics for Engineers Credits: 3
  Available for Foundational Studies Quantitative Literacy Requirement.
- OR STAT 300 - Introduction to Probability and Statistics Credits: 3
  Available for Foundational Studies Quantitative Literacy Requirement.
- MATH 229 - Calculus I Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.
- MATH 230 - Calculus II Credits: 4
- MATH 232 - Calculus III Credits: 4
- MATH 336 - Ordinary Differential Equations Credits: 3
- MEE 210 - Engineering Mechanics I Credits: 3
- MEE 212 - Mechanics of Materials Credits: 3
- PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
- PHYS 273 - Fundamentals of Physics II: Electromagnetism Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
- UEET 101 - Introduction to Engineering Credits: 1
- OR UEET 301 - Transition to the Profession of Engineering Credits: 1

Preapproved elective courses

Track 1: Biomechanics (18-19)

BME Track Electives (9)

Choose at least 9 credit hours from the following:

- BME 425 - Biomedical Signal Processing Credits: 3
- BME 435 - Biotransport Credits: 3
- BME 445 - Applied Biomechanical Engineering Credits: 3
  MEE 211 is a pre-requisite for BME 445. MEE 211 is an elective in Track 1 Biomechanics.
- BME 446 - Biofluid Mechanics Credits: 3
  MEE 211 and MEE 340 are pre-requisites for BME 446. MEE211 and 340 are electives in Track 1 Biomechanics.
- BME 447 - Biodynamics Credits: 3
  MEE 211 is a pre-requisite for BME 447. MEE 211 is an elective in Track 1 Biomechanics.
- BME 479X - Digital Human Modeling and Simulation Credits: 3
  MEE 211, MEE 320, and MEE 380 or MEE 381 are prerequisites for BME 479. MEE 211, MEE 320, MEE 380 or MEE 381 are electives in Track 1 Biomechanics.
- BME 497 - Independent Study Credits: 1-6
- BME 498 - Special Topics Credits: 1-3
- BME 499 - Honors Undergraduate Research Credits: 1-3

Technical Track Elective Courses (9-10)

Choose at least 9 credit hours from the following:

- ELE 380 - Control Systems I Credits: 4
- MEE 211 - Engineering Mechanics II Credits: 3
- MEE 320 - Mechanism Design and Analysis Credits: 3
- MEE 330 - Materials Science Credits: 3
- MEE 340 - Fluid Mechanics Credits: 3
- MEE 350 - Engineering Thermodynamics Credits: 3
- MEE 380 - Computational Methods in Engineering Design Credits: 3
- MEE 381 - Computational Methods and Programming in Engineering Design Credits: 3
- MEE 410 - Intermediate Mechanics of Materials Credits: 3
- MEE 427 - PLC-based Robotics in Automated Systems Credits: 3

- MEE 470 - Design of Machine Elements Credits: 3

Track 2: Biomedical Instrumentation, Sensors and Signal Processing (18-22)

BME Track Elective Courses (9-10)

Choose at least 9 credit hours from the following:

- BME 420 - Biomedical Instrumentation Design Credits: 4
- BME 421 - Biomedical Sensor Engineering Credits: 3
- BME 425 - Biomedical Signal Processing Credits: 3
- BME 497 - Independent Study Credits: 1-6
- BME 498 - Special Topics Credits: 1-3
- BME 499 - Honors Undergraduate Research Credits: 1-3

Technical Track Elective courses (9-12)

Choose at least 9 credit hours from the following:

- ELE 250 - Computer Engineering I Credits: 3
- ELE 250U - Computer Engineering I Laboratory Credits: 1
- ELE 330 - Electronic Circuits Credits: 4
- ELE 335 - Theory of Semiconductor Devices I Credits: 3
- ELE 356 - Computer Engineering II Credits: 4
- ELE 360 - Communications Systems Credits: 4
- ELE 370 - Engineering Electromagnetics Credits: 3
- ELE 380 - Control Systems I Credits: 4
- ELE 430 - Design with Field Programmable Logic Devices Credits: 3
- ELE 437 - Hybrid Circuit Design Credits: 3
- ELE 438 - Thin Film Engineering Credits: 3
- ELE 454 - Introduction to Digital Image Processing Credits: 3

Track 3: Biomaterials (18-19)

BME Track Elective Courses (9)

Choose at least 9 credit hours from the following:

- BME 435 - Biotransport Credits: 3
- BME 436 - Advanced Biomaterials and Manufacturing Credits: 3
- BME 437 - Biomaterials Characterization Credits: 3
- BME 497 - Independent Study Credits: 1-6
- BME 498 - Special Topics Credits: 1-3
- BME 499 - Honors Undergraduate Research Credits: 1-3

Technical Track Elective Courses (9-10)

Choose at least 9 credit hours from the following:

- BIOS 303 - Cell Biology Credits: 3
- CHEM 440 - Physical Chemistry I Credits: 3
- CHEM 442 - Physical Chemistry Laboratory I Credits: 1
- MEE 211 - Engineering Mechanics II Credits: 3
- MEE 340 - Fluid Mechanics Credits: 3
- MEE 350 - Engineering Thermodynamics Credits: 3
- MEE 380 - Computational Methods in Engineering Design Credits: 3
- OR MEE 381 - Computational Methods and Programming in Engineering Design Credits: 3
- MEE 410 - Intermediate Mechanics of Materials Credits: 3

Total Hours for a Major in Biomedical Engineering: 102-106

Mechatronics Engineering (B.S.)

Check departmental information for additional requirements.

Requirements in Program (18)

- MCTR 210 - Programming for Mechatronics Credits: 3
- MCTR 320 - Fundamentals of Mechatronics Credits: 3
- MCTR 420 - Introduction to Robotics and Automation Credits: 3
- MCTR 440 - Design of Mechatronics Systems Credits: 3
- MCTR 481 - Mechatronics Engineering Senior Design I Credits: 3
  MCTR 481 is a writing infused course.
- MCTR 482 - Mechatronics Engineering Senior Design II Credits: 3
  MCTR 482 is a writing infused course.

Four technical electives from the list below (12)

- MCTR 421 - Human Machine Interaction Principles and Design Credits: 3
- MCTR 422 - Servo Drives Credits: 3
- MCTR 430 - Vision-based Control Credits: 3
- MCTR 497 - Independent Study Credits: 1-3
- MCTR 498 - Special Topics Credits: 1-3
- MEE 422 - Design of Robot Manipulators Credits: 3
- MEE 425 - Design of Mobile Robots Credits: 3
- MEE 427 - PLC-based Robotics in Automated Systems Credits: 3
- MEE 428 - Modeling Complex Systems Credits: 3
- TECH 473 - Advanced Digital Design Credits: 3

Requirements outside Program (80-81)

- CHEM 210 - General Chemistry I Credits: 3
- CHEM 212 - General Chemistry Laboratory I Credits: 1
- CSCI 240 - Computer Programming in C++ Credits: 4
- ELE 210 - Engineering Circuit Analysis Credits: 3
- ELE 210U - Engineering Circuit Laboratory Project Credits: 1
- ELE 250 - Computer Engineering I Credits: 3
- OR TECH 277 - Digital Logic Design Credits: 3
- ELE 250U - Computer Engineering I Laboratory Credits: 1
- OR TECH 277A - Digital Logic Design Laboratory Credits: 1
- ELE 315 - Signals and Systems Credits: 3
- ELE 330 - Electronic Circuits Credits: 4
- OR TECH 276 - Electronics I Credits: 3
- AND TECH 276A - Electronics I Laboratory Credits: 1
- ISYE 220 - Engineering Economy Credits: 3
- ISYE 335 - Probability and Statistics for Engineers Credits: 3
- OR STAT 300 - Introduction to Probability and Statistics Credits: 3
- MATH 229 - Calculus I Credits: 4
- MATH 230 - Calculus II Credits: 4
- MATH 232 - Calculus III Credits: 4
- MATH 336 - Ordinary Differential Equations Credits: 3
- MEE 210 - Engineering Mechanics I Credits: 3
- MEE 211 - Engineering Mechanics II Credits: 3
- MEE 212 - Mechanics of Materials Credits: 3
- OR MEE 340 - Fluid Mechanics Credits: 3
- MEE 270 - Engineering Graphics Credits: 3
- MEE 320 - Mechanism Design and Analysis Credits: 3
- OR MEE 321 - Mechanical Vibrations I Credits: 3
- AND MEE 383 - Engineering Analysis Credits: 3
- MEE 322 - Dynamic Systems and Control I Credits: 3
- OR ELE 380 - Control Systems I Credits: 4
- MEE 380 - Computational Methods in Engineering Design Credits: 3
- OR MEE 381 - Computational Methods and Programming in Engineering Design Credits: 3
- MEE 421 - Dynamic Systems and Control II Credits: 3
- PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4
- PHYS 273 - Fundamentals of Physics II: Electromagnetism Credits: 4
- UEET 101 - Introduction to Engineering Credits: 1
- OR UEET 301 - Transition to the Profession of Engineering Credits: 1

Total Hours for a Major in Mechatronics Engineering: 110-111

Minor

Minor in Biomedical Engineering (26-27)

Check departmental information for additional requirements.

Required Courses

- ELE 210 - Engineering Circuit Analysis Credits: 3
- ELE 210U - Engineering Circuit Laboratory Project Credits: 1
- ELE 250 - Computer Engineering I Credits: 3
- ELE 250U - Computer Engineering I Laboratory Credits: 1
- ELE 315 - Signals and Systems Credits: 3
- ELE 330 - Electronic Circuits Credits: 4
- ELE 420 - Biomedical Instrumentation Credits: 4
- ELE 425 - Biomedical Signal Processing Credits: 3
- BIOS 311 - Functional Human Anatomy Credits: 4
- OR BIOS 357 - Human Anatomy and Physiology Credits: 5

Contract Major

Engineering and Engineering Technology B.S. Contract Major

Requirements

A student may formulate a proposal for a major program of study, appropriate to the College of Engineering and Engineering Technology, which differs substantially from existing major programs but utilizes existing courses. The student must select a faculty sponsor from the college's faculty and formulate the proposal in consultation with this sponsor. The program must be logically structured around a meaningful and interesting theme or topic, for example, noise control technology. Students desiring to build programs of this kind using a core of courses offered by other colleges should consult with those colleges. An example of such a program would be a contract major in scientific illustration, based in the School of Art's B.F.A. emphasis in illustration and coupled with a considerable amount of course work from the Department of Biological Sciences. Students desiring programs involving a substantial amount of course work in colleges other than the College of Engineering and Engineering Technology will be required to secure a cosponsor from the discipline housing such course work. Program proposals must be submitted to the associate dean of the college and must be approved by the college's Contract Major Committee.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/Outcomes/general.pdf.

The student who wishes to propose a contract major must

- have a cumulative GPA of at least 2.50.
- justify the new curriculum and define the goal to be achieved.
- design a multidisciplinary program that may be accommodated within existing university resources and facilities. (The program may include internships, independent study, or special projects on or off campus, but no more than 12 semester hours of course work for these kinds of activities will be permitted in the contract.)
- include in the program at least 50 semester hours of credit in courses basic to the area of study. These 50 semester hours
    - may not be used to fulfill general education requirements.
    - must include at least 15 semester hours of course work offered by the College of Engineering and Engineering Technology.
    - must include at least 30 semester hours of course work at the 300-400 level.
    - must not include more than 24 semester hours from the offerings of a single department.

A student who completes an approved contract major and all other graduation requirements will receive the Bachelor of Science degree with a contract major in _____ (the theme specified in the contract).

Certificate of Undergraduate Study

Nanotechnology (9)

The undergraduate certificate in nanotechnology prepares undergraduate students in sciences, technology, engineering, and mathematics (STEM) areas in authentic team-based, interdisciplinary experiences in nanotechnology. Nanotechnology, by virtue of its convergent nature, provides ideal interdisciplinary learning experiences students need if they are to be successful 21st-century STEM practitioners.

Requirements (9)

- UEET 101 - Introduction to Engineering Credits: 1
- UEET 102 - Engineering Connection Seminar I Credits: 1
- UEET 103 - Engineering Connection Seminar II Credits: 1
- UEET 235 - Fundamentals and Applications of Nanotechnology I Credits: 3
- UEET 245 - Fundamentals and Applications of Nanotechnology II Credits: 3

Accelerated Integrated Degree

Accelerated B.S. /J.D. Program in Engineering or Engineering Technology and the College of Law

Admission

The six-year integrated sequence leads to both the B.S. in engineering and engineering technology and J.D. degrees and is open to all undergraduate students majoring in engineering or engineering technology who have senior standing and have finished at least 100 credit hours of undergraduate course work with a minimum GPA of 3.25. In addition to applying for the combined degree program through the College of Engineering and Engineering Technology's Office of the Senior Associate Dean, students must also make a separate application to the College of Law's Office of Admissions for admission to the College of Law under the special provisions of this program. As part of the application to the College of Law, applicants must take the LSAT no later than February of their junior year and must receive a score above the 50th percentile of the previous year's matriculating law class.

Curriculum

General education and Engineering or Engineering Technology requirements fill the schedule during the first three years of the program. Students admitted to the program will need to take a minimum of 6 semester hours of engineering courses in the summer following their third year and up to 6 additional semester hours of engineering courses in the summer following their fourth year. Beginning with the first semester of their fourth year, students will be completing their B.S. degree and will begin taking classes at the College of Law. The final two years of the program will be comprised only of College of Law courses. Students admitted to the integrated Engineering, Technology and Law program will receive up to 9 semester hours towards their B.S. degree technical elective requirements as a result of successful completion of their first-year law courses. In addition, up to 6 semester hours of 400-level engineering courses will be counted towards the law degree.

Additional Requirements

Once students have been accepted into the integrated program and have matriculated in the College of Law at the beginning of Year 4, they must have their schedules approved by the College of Law associate dean for student services each semester until they have completed all courses ordinarily required of first-year law students. Finally, to be eligible to continue in the program, students must receive their B.S. degree no later than December of Year 5 (the second year of law school).

Accelerated B.S. Biomedical Engineering /M.S. Electrical Engineering

This accelerated sequence leads to the B.S. in biomedical engineering and M.S. degree in electrical engineering and is open to all undergraduate biomedical engineering majors who finished at least 90 semester hours of undergraduate course work with a minimum GPA of 3.00. A minimum GPA of 3.00 must be maintained during the course of study. Failure to meet the requirements of the accelerated sequence may lead to a B.S. degree only, but only after all the requirements for that degree have been met.

With this program, M.S. courses can be taken three semesters prior to earning the B.S. degree and have up to 18 semester hours count towards both the M.S. and B.S. degrees. A GRE is not required. Students must meet Graduate School application deadlines. Interested students should talk with an adviser as early as possible and are encouraged to apply during the spring semester of their junior year.

Students wishing to take part in this program should be aware of all the regulations and restrictions of accelerated baccalaureate/master's degree programs as outlined in the NIU Graduate School Catalog under the heading of Early Admission of NIU Undergraduates; and Admission to Accelerated Baccalaureate/Master's Degree Programs.

All students enrolled in this sequence must have their schedule approved by their faculty adviser each semester. Any deviation from an approved course schedule may delay graduation.

Accelerated B.S. Biomedical Engineering/M.S. Industrial and Systems Engineering

This plan is open to all biomedical engineering majors who have finished at least 90 semester hours of undergraduate work and who have a cumulative GPA of at least 3.00. To enter the accelerated sequence, a student must obtain early admission to the NIU Graduate School, and formulate a detailed plan of study, working closely with a faculty adviser. A minimum GPA of 3.00 must be maintained during the course of study. Failure to meet the requirements of the accelerated sequence may lead to a B.S. degree only, but only after all the requirements for that degree have been met.

Students can enroll no more than three terms in the accelerated program without completing the baccalaureate degree. Up to 18 semester hours of graduate credit may be applied towards the baccalaureate degree with the approval of the department.

Students wishing to take part in this program should be aware of all the regulations and restrictions of accelerated baccalaureate/master's degree programs as outlined in the NIU Graduate School Catalog under the heading of Early Admission of NIU Undergraduates; and Admission to Accelerated Baccalaureate/Master's Degree Programs.

All students enrolled in this sequence must have their schedule approved by their faculty adviser each semester. Any deviation from an approved course schedule may delay graduation.

Accelerated B.S. Mechatronics Engineering /M.S. Electrical Engineering

This accelerated sequence leads to the B.S. in Mechatronics engineering and M.S. degree in electrical engineering and is open to all undergraduate Mechatronics engineering majors who finished at least 90 semester hours of undergraduate course work with a minimum GPA of 3.00. A minimum GPA of 3.00 must be maintained during the course of study. Failure to meet the requirements of the accelerated sequence may lead to a B.S. degree only, but only after all the requirements for that degree have been met. With this program, M.S. courses can be taken three semesters prior to earning the B.S. degree and have up to 18 semester hours count towards both the M.S. and B.S. degrees. A GRE is not required. Students must meet Graduate School application deadlines. Interested students should talk with an adviser as early as possible and are encouraged to apply during the spring semester of their junior year. Students wishing to take part in this program should be aware of all the regulations and restrictions of accelerated baccalaureate/master's degree programs as outlined in the NIU Graduate School Catalog under the heading of Early Admission of NIU Undergraduates; and Admission to Accelerated Baccalaureate/Master's Degree Programs. All students enrolled in this sequence must have their schedule approved by their faculty adviser each semester. Any deviation from an approved course schedule may delay graduation.

Accelerated B.S. Mechatronics Engineering/M.S. Industrial and Systems Engineering

This plan is open to all mechatronics engineering majors who have finished at least 90 semester hours of undergraduate work and who have a cumulative GPA of at least 3.00. To enter the accelerated sequence, a student must obtain early admission to the NIU Graduate School, and formulate a detailed plan of study, working closely with a faculty adviser. A minimum GPA of 3.00 must be maintained during the course of study. Failure to meet the requirements of the accelerated sequence may lead to a B.S. degree only, but only after all the requirements for that degree have been met.

Students can enroll no more than three terms in the accelerated program without completing the baccalaureate degree. Up to 18 semester hours of graduate credit may be applied towards the baccalaureate degree with the approval of the department.

Students wishing to take part in this program should be aware of all the regulations and restrictions of accelerated baccalaureate/master's degree programs as outlined in the NIU Graduate School Catalog under the heading of Early Admission of NIU Undergraduates; and Admission to Accelerated Baccalaureate/Master's Degree Programs.

All students enrolled in this sequence must have their schedule approved by their faculty adviser each semester. Any deviation from an approved course schedule may delay graduation.

Accelerated B.S. Mechatronics Engineering/M.S. Mechanical Engineering

The department also offers an accelerated B.S./M.S. sequence that leads to a M.S. in Mechanical Engineering after students received a B.S. in Mechatronics Engineering. This accelerated sequence is open to all undergraduate mechanical engineering and mechatronics engineering majors who have finished at least 90 semester hours of undergraduate course work with a minimum GPA of 3.00. A minimum GPA of 3.00 must be maintained during the course of study. Failure to meet the requirements of the accelerated sequence may lead to a B.S. only, but only after the requirements for that degree have been met.

With this program, a student can take B.S. and M.S. courses simultaneously, up to three semesters before earning the undergraduate degree. One can have up to 18 semester hours count towards both the undergraduate and graduate degrees. A GRE is not required. Students must meet Graduate School application deadlines. Interested students should talk with an adviser as early as possible and are encouraged to apply during the spring semester of their junior year.

Students wishing to take part in this program should be aware of all the regulations and restrictions of accelerated baccalaureate/master's degree programs as outlined in the NIU Graduate School Catalog under the heading of Early Admission of NIU Undergraduates; and Admission to Accelerated Baccalaureate/Master's Degree Programs.

All students enrolled in this sequence must have their schedule approved by their faculty adviser each semester. Any deviation from an approved course schedule may delay graduation.

University Honors students who are actively accumulating points through honors course work or Engage PLUS are guaranteed admission to the B.S./M.S. program.

List of courses

BME 201 - Introduction to Biomedical Engineering

BME 320 - Biomedical Engineering Measurements

BME 330 - Biomechanics

BME 336 - Biomaterials

BME 395 - Biomedical Engineering Junior Design

BME 420 - Biomedical Instrumentation Design

BME 421 - Biomedical Sensor Engineering

BME 425 - Biomedical Signal Processing

BME 435 - Biotransport

BME 436 - Advanced Biomaterials and Manufacturing

BME 437 - Biomaterials Characterization

BME 445 - Applied Biomechanical Engineering

BME 446 - Biofluid Mechanics

BME 447 - Biodynamics

BME 479X - Digital Human Modeling and Simulation

BME 495 - Senior Biomedical Engineering Design I

BME 496 - Senior Biomedical Engineering Design II

BME 497 - Independent Study

BME 498 - Special Topics

BME 499 - Honors Undergraduate Research

IEET 450 - Patent and Copyright Law for Engineers and Scientists

IEET 490 - Topics in Engineering and Engineering Technology

IEET 491 - Integrated Systems Engineering I

IEET 492 - Integrated Systems Engineering II

MCTR 210 - Programming for Mechatronics

MCTR 320 - Fundamentals of Mechatronics

MCTR 420 - Introduction to Robotics and Automation

MCTR 421 - Human Machine Interaction Principles and Design

MCTR 422 - Servo Drives

MCTR 430 - Vision-based Control

MCTR 440 - Design of Mechatronics Systems

MCTR 481 - Mechatronics Engineering Senior Design I

MCTR 482 - Mechatronics Engineering Senior Design II

MCTR 497 - Independent Study

MCTR 498 - Special Topics

UEET 101 - Introduction to Engineering

UEET 102 - Engineering Connection Seminar I

UEET 103 - Engineering Connection Seminar II

UEET 104 - Engineering Connection Seminar III

UEET 235 - Fundamentals and Applications of Nanotechnology I

UEET 245 - Fundamentals and Applications of Nanotechnology II

UEET 301 - Transition to the Profession of Engineering

UEET 481X - Idea, Innovation, and Impact Accererator Lab

Electrical Engineering (ELE)

The Department of Electrical Engineering offers one undergraduate degree: a B.S. in electrical engineering. The B.S. in electrical engineering offers five areas: microelectronics, power/controls, signal processing and communications, electromagnetics, and computer engineering. The B.S. in electrical engineering will equip students with the basic competence and job skills needed to design, develop, and operate systems which generate and use electronic signals. These technologies include machinery, electronics, communications and computers.

As a profession, electrical engineering demands the individual to work with others in supporting disciplines to achieve common goals. Design is central to the profession and is integrated throughout the curriculum. The design experience is supported by concepts related to reliability, maintainability, and product value. The student is encouraged to approach central technical issues with increased awareness of logistical, ethical, and social implications. Respect for the safety of persons and property is integral to the electrical engineering curriculum.

Accelerated B.S./M.S. Sequence

This accelerated sequence leads to both the B.S. and M.S. degrees in electrical engineering and is open to all undergraduate electrical engineering majors who finished at least 90 semester hours of undergraduate course work with a minimum GPA of 3.00. A minimum GPA of 3.00 must be maintained during the course of study. Failure to meet the requirements of the accelerated sequence may lead to a B.S. degree only, but only after all the requirements for that degree have been met.

With this program, M.S. courses can be taken three semesters prior to earning the B.S. degree and have up to 18 semester hours count towards both the M.S. and B.S. degrees. A GRE is not required. Students must meet Graduate School application deadlines. Interested students should talk with an adviser as early as possible and are encouraged to apply during the spring semester of their junior year.

Students wishing to take part in this program should be aware of all the regulations and restrictions of accelerated baccalaureate/master's degree programs as outlined in the NIU Graduate School Catalog under the heading of Early Admission of NIU Undergraduates; and Admission to Accelerated Baccalaureate/Master's Degree Programs.

All students enrolled in this sequence must have their schedule approved by their faculty adviser each semester. Any deviation from an approved course schedule may delay graduation.

Vision and Mission

The Department of Electrical Engineering supports the University and College visions by aspiring to be an innovative leader in the advancement of electrical engineering principles and practices.

The mission of the Department of Electrical Engineering is to provide exemplary education, conduct research, and perform outreach to benefit industry, government, and the community at large.

Electrical Engineering Program Educational Objectives

Northern Illinois University electrical engineering baccalaureate graduates are trained to begin professional careers that apply a broad base of engineering, science, and communication skills. Graduates demonstrate these skills by:

1. Utilizing concepts learned in electrical engineering in a professional field;
2. Contributing to the profession through continued involvement in activities that advance the profession;
3. Displaying interpersonal abilities through effective communication.

Student Outcomes

The Electrical Engineering program is designed to provide our graduates with:

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

3. An ability to communicate effectively with a range of audiences.

4. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

5. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

6. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Department Requirements

All electrical engineering students must have their schedule reviewed, approved, and signed by their faculty adviser each semester. Any deviation from an approved course schedule may delay graduation.

Electrical Engineering Faculty

Mansoor Alam, Ph.D., Indian Institute of Science, Professor and Chair
Ibrahim Abdel-Motaleb, Ph.D., P.E., University of British Columbia, professor
Veysel Demir, Ph.D., Syracuse University, associate professor
Hadan Ferdowski, Ph.D., Missouri University of Science and Technology, assistant professor
Benedito Fonseca, Ph.D., University of Wisconsin, associate professor
Reza Hashemian, Ph.D., P.E., University of Wisconsin, emeritus professor
Venumadhav Korampally, Ph.D., University of Missouri, associate professor
Lichuan Liu, Ph.D., New Jersey Institute of Technology, professor
Mohammad Moghimi, Ph.D. Montana State University, assistant Professor
Donald Zinger, Ph.D., P.E., University of Wisconsin, professor

Majors

Electrical Engineering (B.S.)

Check departmental information for additional requirements.

Requirements in Department (44)

- ELE 210 - Engineering Circuit Analysis Credits: 3
- ELE 210U - Engineering Circuit Laboratory Project Credits: 1
- ELE 250 - Computer Engineering I Credits: 3
- ELE 250U - Computer Engineering I Laboratory Credits: 1
- ELE 315 - Signals and Systems Credits: 3
- ELE 330 - Electronic Circuits Credits: 4
- ELE 335 - Theory of Semiconductor Devices I Credits: 3
- ELE 340 - Electrical Power Systems Credits: 4
- ELE 356 - Computer Engineering II Credits: 4
- ELE 360 - Communications Systems Credits: 4
- ELE 370 - Engineering Electromagnetics Credits: 3
- ELE 380 - Control Systems I Credits: 4
- ELE 395 - Electrical Engineering Junior Design Credits: 1
- ELE 495 - Senior Electrical Engineering Design I Credits: 3
  ELE 495 is a writing infused course.
- ELE 496 - Senior Electrical Engineering Design II Credits: 3
  ELE 496 is a writing infused course.

Requirements outside Department (45-47)

- CHEM 210 - General Chemistry I Credits: 3
  Available for general education credit.
- CHEM 212 - General Chemistry Laboratory I Credits: 1
  Available for general education credit.
- CSCI 240 - Computer Programming in C++ Credits: 4
- ISYE 220 - Engineering Economy Credits: 3
- ISYE 335 - Probability and Statistics for Engineers Credits: 3
- OR STAT 300 - Introduction to Probability and Statistics Credits: 3
- MATH 229 - Calculus I Credits: 4
  Available for general education credit.
- MATH 230 - Calculus II Credits: 4
- MATH 232 - Calculus III Credits: 4
- MATH 336 - Ordinary Differential Equations Credits: 3
- MEE 209 - Engineering Mechanics: Statics and Dynamics Credits: 4
- OR MEE 210 - Engineering Mechanics I Credits: 3
- AND MEE 211 - Engineering Mechanics II Credits: 3
- PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4
  Available for general education credit.
- PHYS 273 - Fundamentals of Physics II: Electromagnetism Credits: 4
  Available for general education credit.
- PHYS 283 - Fundamentals of Physics III: Quantum Physics Credits: 3
- UEET 101 - Introduction to Engineering Credits: 1
- OR UEET 301 - Transition to the Profession of Engineering Credits: 1

Electives (15)

Electives may be any ELE course numbered 400 or higher with the exception of ELE 495, ELE 496, and ELE 497. With the approval of the Department of Electrical Engineering, other mathematics, sciences, or engineering courses may be used as electives. At least 12 of these 15 semester hours must be from the Department of Electrical Engineering, and a minimum of two courses must be selected from one of the following five areas.

Microelectronics

- ELE 420 - Biomedical Instrumentation Credits: 4
- ELE 421 - Biomedical Sensor Engineering Credits: 3
- ELE 430 - Design with Field Programmable Logic Devices Credits: 3
- ELE 431 - Theory of Semiconductor Devices II Credits: 3
- ELE 432 - Semiconductor Device Fabrication Laboratory Credits: 3
- ELE 433 - Design of Gallium Arsenide Integrated Circuits Credits: 3
- ELE 434 - Semiconductor Material and Device Characterization Credits: 3
- ELE 435 - Integrated Circuit Engineering Credits: 3
- ELE 436 - Analog MOS VLSI Engineering Credits: 3
- ELE 437 - Hybrid Circuit Design Credits: 3
- ELE 438 - Thin Film Engineering Credits: 3

Power/Controls

- ELE 440 - Power Electronics Credits: 3
- ELE 441 - Electric Drives Credits: 3
- ELE 480 - Control Systems II Credits: 3
- ELE 481 - Digital Control Systems Credits: 3

Signal Processing/Communications

- ELE 425 - Biomedical Signal Processing Credits: 3
- ELE 451 - Digital Filter Design Credits: 3
- ELE 452 - Real-Time Digital Signal Processing Credits: 3
- ELE 454 - Introduction to Digital Image Processing Credits: 3
- ELE 459 - Signal Processing Detection Theory Credits: 3
- ELE 461 - Synthesis of Active and Passive Filters Credits: 3
- ELE 463 - Radio Frequency Electronics Credits: 3
- ELE 464 - System Design Utilizing Analog Integrated Circuits Credits: 3

Electromagnetics

- ELE 470 - Microwave Circuits and Devices Credits: 3
- ELE 471 - Lightwave Engineering Credits: 3
- ELE 474 - Transmission Line Media and Wave Propagation Credits: 3
- ELE 475 - Antenna Theory and Design Credits: 3
- ELE 477 - Advanced Microwave and Millimeter Wave Engineering Credits: 3

Computer Engineering

- ELE 452 - Real-Time Digital Signal Processing Credits: 3
- ELE 455 - Computer System Architecture Credits: 3
- ELE 457 - Processor-based Systems Credits: 3

OR a computer science course approved by the student's adviser

Total Hours for a Major in Electrical Engineering: 104-106

Minor

Minor in Electrical Engineering (22-23)

Check departmental information for additional requirements.

Required Courses

- ELE 210 - Engineering Circuit Analysis Credits: 3
- ELE 210U - Engineering Circuit Laboratory Project Credits: 1
- ELE 250 - Computer Engineering I Credits: 3
- ELE 250U - Computer Engineering I Laboratory Credits: 1
- ELE 315 - Signals and Systems Credits: 3
- ELE 330 - Electronic Circuits Credits: 4

Two courses from the following:

- ELE 335 - Theory of Semiconductor Devices I Credits: 3
- ELE 340 - Electrical Power Systems Credits: 4
- ELE 356 - Computer Engineering II Credits: 4
- ELE 360 - Communications Systems Credits: 4
- ELE 370 - Engineering Electromagnetics Credits: 3
- ELE 380 - Control Systems I Credits: 4
- OR MEE 322 - Dynamic Systems and Control I Credits: 3

Accelerated Integrated Degree

Accelerated B.S. Electrical Engineering/M.S. Electrical Engineering

The department also offers an accelerated B.S./M.S. sequence that leads to a M.S. in Electrical Engineering after students received a B.S. either in Electrical Engineering, Biomedical Engineering, or Mechatronics Engineering. This accelerated sequence is open to all undergraduate electrical engineering, biomedical engineering, and mechatronics engineering majors who have finished at least 90 semester hours of undergraduate course work with a minimum GPA of 3.00. A minimum GPA of 3.00 must be maintained during the course of study. Failure to meet the requirements of the accelerated sequence may lead to a B.S. only, but only after the requirements for that degree have been met.

With this program, M.S. courses can be taken three semesters prior to earning the B.S. degree and have up to 18 semester hours count towards both the M.S. and B.S. degrees. A GRE is not required. Students must meet Graduate School application deadlines. Interested students should talk with an adviser as early as possible and are encouraged to apply during the spring semester of their junior year.

Students wishing to take part in this program should be aware of all the regulations and restrictions of accelerated baccalaureate/master's degree programs as outlined in the NIU Graduate School Catalog under the heading of Early Admission of NIU Undergraduates; and Admission to Accelerated Baccalaureate/Master's Degree Programs.

All students enrolled in this sequence must have their schedule approved by their faculty adviser each semester. Any deviation from an approved course schedule may delay graduation.

List of courses

ELE 100 - Elements of Electronics

ELE 210 - Engineering Circuit Analysis

ELE 210U - Engineering Circuit Laboratory Project

ELE 250 - Computer Engineering I

ELE 250U - Computer Engineering I Laboratory

ELE 315 - Signals and Systems

ELE 330 - Electronic Circuits

ELE 335 - Theory of Semiconductor Devices I

ELE 340 - Electrical Power Systems

ELE 356 - Computer Engineering II

ELE 360 - Communications Systems

ELE 370 - Engineering Electromagnetics

ELE 380 - Control Systems I

ELE 395 - Electrical Engineering Junior Design

ELE 420 - Biomedical Instrumentation

ELE 421 - Biomedical Sensor Engineering

ELE 425 - Biomedical Signal Processing

ELE 430 - Design with Field Programmable Logic Devices

ELE 431 - Theory of Semiconductor Devices II

ELE 432 - Semiconductor Device Fabrication Laboratory

ELE 433 - Design of Gallium Arsenide Integrated Circuits

ELE 434 - Semiconductor Material and Device Characterization

ELE 435 - Integrated Circuit Engineering

ELE 436 - Analog MOS VLSI Engineering

ELE 437 - Hybrid Circuit Design

ELE 438 - Thin Film Engineering

ELE 440 - Power Electronics

ELE 441 - Electric Drives

ELE 450 - Digital Design with HDL

ELE 451 - Digital Filter Design

ELE 452 - Real-Time Digital Signal Processing

ELE 454 - Introduction to Digital Image Processing

ELE 455 - Computer System Architecture

ELE 456 - Introduction to Pattern Recognition

ELE 457 - Processor-based Systems

ELE 459 - Signal Processing Detection Theory

ELE 461 - Synthesis of Active and Passive Filters

ELE 463 - Radio Frequency Electronics

ELE 464 - System Design Utilizing Analog Integrated Circuits

ELE 470 - Microwave Circuits and Devices

ELE 471 - Lightwave Engineering

ELE 474 - Transmission Line Media and Wave Propagation

ELE 475 - Antenna Theory and Design

ELE 477 - Advanced Microwave and Millimeter Wave Engineering

ELE 480 - Control Systems II

ELE 481 - Digital Control Systems

ELE 495 - Senior Electrical Engineering Design I

ELE 496 - Senior Electrical Engineering Design II

ELE 497 - Independent Study

ELE 498 - Special Topics

ELE 499 - Honors Undergraduate Research

Industrial and Systems Engineering (ISYE)

The Department of Industrial and Systems Engineering offers a B.S. in industrial and systems engineering and also an accelerated B.S./M.S. sequence in industrial and systems engineering. The department provides access to a variety of courses and facilities, a faculty with diverse industrial

experience, and a program which emphasizes practical applications as well as theoretical developments.

Industrial and systems engineering is concerned with the design, installation, management, operation, and improvement of systems that produce goods and services. It follows an integrated approach that considers the entire life cycle of the product or service produced, from design through production, delivery, and customer support. Industrial and systems engineers are involved in such functions as designing a complete production facility or a single workplace, setting operator performance standards, planning manufacturing processes, planning and controlling production, designing quality control systems, analyzing system reliability, simulating system performance, and planning and evaluating large-scale projects. Industrial and systems engineers are employed in a broad variety of organizations, including manufacturing industries, utilities, transportation, health care systems, financial institutions, and all levels of government agencies.

Mission

The mission of the Department of Industrial and Systems Engineering is to the commitment of achieving excellence in teaching, conducting high-quality research to meet the needs of technological and societal challenges, engaging in outreach and services and preparing engineering professionals.

Program Educational Objectives

The Industrial and Systems Engineering department at Northern Illinois University expects that our graduates will be practicing industrial engineering skills successfully in their respective organizations; continuing self-directed learning for professional and personal development; and demonstrating professionalism, ethics, and leadership within an organization, community, or society, in three to five years following graduation.

Student Outcomes

The department's undergraduate program is designed so that the graduates attain the following outcomes by the time of graduation: an ability to identify, formulate, and solve complex Industrial and Systems engineering problems by applying principles of engineering, science, and mathematics; an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors; an ability to communicate effectively with a range of audience; an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgements, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts; an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks and meet objectives; an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgement to draw conclusions; and an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Department Requirements

All industrial and systems engineering students must have their schedule reviewed, approved, and signed by their faculty adviser each semester. Any deviation from an approved course schedule may delay graduation.

Industrial and Systems Engineering Faculty

Purushothaman Damodaran, Ph.D., Texas A&M University, Presidential Teaching Professor, Chair
Ehsan Asoudegi, Ph.D., West Virginia University, assistant professor
Niechen Chen, Ph.D., Iowa State University, assistant professor
Shi-Jie (Gary) Chen, Ph.D., University of New York-Buffalo, professor
Omar Ghrayeb, Ph.D., New Mexico State University, professor
Jaejin Hwang, Ph.D., Ohio State University, assistant professor
Murali Krishnamurthi, Ph.D., Texas A&M University, Distinguished Teaching Professor
Reinaldo Moraga, Ph.D., University of Central Florida, associate professor
Christine Nguyen, Ph.D., University of Southern California, associate professor
Ziteng Wang, Ph.D. North Carolina State University, assistant professor

Majors

Industrial and Systems Engineering (B.S.)

Check departmental information for any additional requirements.

Requirements in Department (45)

- ISYE 220 - Engineering Economy Credits: 3
- ISYE 250 - Introduction to Lean Systems Engineering Credits: 2
  Available for general education credit.
  This is a nature and technology general education course for the Creativity, Innovation, and Change Pathway.
- ISYE 310 - Work Measurement and Work Design Credits: 3
- ISYE 335 - Probability and Statistics for Engineers Credits: 3
- ISYE 350 - Principles of Manufacturing Processes Credits: 3
- ISYE 370 - Operations Research: Deterministic Models Credits: 3

- ISYE 371 - Operations Research: Probabilistic Models Credits: 3
- ISYE 410 - Human Factors Engineering Credits: 3
- ISYE 430 - Quality Control Credits: 3
- ISYE 435 - Experimental Design for Engineering Credits: 3
- ISYE 440 - Production Planning and Control Credits: 3
- ISYE 450 - Lean Manufacturing Systems Credits: 3
- ISYE 460 - Facilities Planning and Design Credits: 3
- ISYE 480 - Simulation Modeling and Analysis Credits: 3
- ISYE 492 - Industrial and Systems Engineering Senior Design Project Proposal Credits: 1
  ISYE 492 is a writing infused course.
- ISYE 495 - Senior Design Project Credits: 3
  ISYE 495 is a writing infused course.

Requirements outside Department (48-52)

- CHEM 210 - General Chemistry I Credits: 3
  Available for general education credit.
- CHEM 212 - General Chemistry Laboratory I Credits: 1
  Available for general education credit.
- CSCI 240 - Computer Programming in C++ Credits: 4
- ELE 210 - Engineering Circuit Analysis Credits: 3
  OR TECH 175 - Electricity and Electronics Fundamentals Credits: 3 **AND** TECH 175A - Electricity and Electronics Fundamentals Laboratory Credits: 1
- MATH 229 - Calculus I Credits: 4
  Available for general education credit.
- MATH 230 - Calculus II Credits: 4
- MATH 232 - Calculus III Credits: 4
- MATH 336 - Ordinary Differential Equations Credits: 3
- MEE 209 - Engineering Mechanics: Statics and Dynamics Credits: 4
  OR MEE210 - Engineering Mechanics I Credits: 3 **AND** MEE 211 - Engineering Mechanics II Credits: 3
- MEE 270 - Engineering Graphics Credits: 3
- PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4
  Available for general education credit.
- PHYS 273 - Fundamentals of Physics II: Electromagnetism Credits: 4
  Available for general education credit.
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.
- UEET 101 - Introduction to Engineering Credits: 1
- OR UEET 301 - Transition to the Profession of Engineering Credits: 1

One course in basic economics chosen from the following:

- ECON 260 - Principles of Microeconomics Credits: 3
- ECON 261 - Principles of Macroeconomics Credits: 3

Electives (15)

At least 9 semester hours must be from non-required ISYE courses at the 300 or 400 level. The remaining 6 semester hours may be chosen from:

- Non-required ISYE 300 or 400 level courses
- 300- or 400-level courses from ELE or MEE with the exception of MEE 330 and MEE 331
- The following list (Other courses not shown in this list may be chosen with the consent of the Department of Industrial and Systems Engineering):
- ACCY 206 - Introductory Financial Accounting Credits: 3
- ACCY 207 - Introductory Cost Management Credits: 3
- ACCY 288 - Fundamentals of Accounting Credits: 3
- BIOS 311 - Functional Human Anatomy Credits: 4
- COMS 302 - Organizational Communication Credits: 3
- COMS 361 - Business and Professional Communication Credits: 3
- ECON 301 - Labor Problems Credits: 3
- ECON 361 - Intermediate Macroeconomics Credits: 3
- ECON 386 - Environmental Economics Credits: 3
- MATH 240 - Linear Algebra and Applications Credits: 4
- MATH 360 - Model Building in Applied Mathematics Credits: 3
  MATH 360 is a writing infused course.
- MATH 380 - Elementary Combinatorics Credits: 3
- MATH 434 - Numerical Linear Algebra Credits: 3
- MATH 435 - Numerical Analysis Credits: 3
- MATH 439 - Applied Mathematics for Sciences and Engineering Credits: 3
- MGMT 333 - Principles of Management Credits: 3
- OMIS 351 - Information Systems in Organizations Credits: 3
- OMIS 442 - Process and Quality Improvement Credits: 3
  OMIS 442 is a writing infused course.
- PSYC 345 - Cognitive Psychology Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Learning Pathway.
- PSYC 372 - Social Psychology Credits: 3
- STAT 400 - Introduction to Probability Theory Credits: 3
- OR ACSC 400X - Introduction to Probability Theory Credits: 3
- STAT 435 - Applied Regression Analysis Credits: 3
- STAT 438 - Applied Time Series Analysis Credits: 3
- OR ACSC 438X - Applied Time Series Analysis Credits: 3

Total Hours for a Major in Industrial and Systems Engineering: 108

Emphasis 1. Health Systems Engineering

Requirements in Department (45)

- ISYE 220 - Engineering Economy Credits: 3
- ISYE 250 - Introduction to Lean Systems Engineering Credits: 2
  Available for general education credit.
  This is a nature and technology general education course for the Creativity, Innovation, and Change Pathway.
- ISYE 310 - Work Measurement and Work Design Credits: 3
- ISYE 335 - Probability and Statistics for Engineers Credits: 3
- ISYE 350 - Principles of Manufacturing Processes Credits: 3
- ISYE 370 - Operations Research: Deterministic Models Credits: 3
- ISYE 371 - Operations Research: Probabilistic Models Credits: 3
- ISYE 410 - Human Factors Engineering Credits: 3
- ISYE 430 - Quality Control Credits: 3
- ISYE 435 - Experimental Design for Engineering Credits: 3
- ISYE 440 - Production Planning and Control Credits: 3
- ISYE 450 - Lean Manufacturing Systems Credits: 3
- ISYE 460 - Facilities Planning and Design Credits: 3
- ISYE 480 - Simulation Modeling and Analysis Credits: 3
- ISYE 492 - Industrial and Systems Engineering Senior Design Project Proposal Credits: 1
  ISYE 492 is a writing infused course.
- ISYE 494 - Health Systems Design Project Credits: 3
  ISYE 494 is a writing infused course.

Requirements outside Department (51-54)

- CHEM 210 - General Chemistry I Credits: 3
  Available for general education credit.
- CHEM 212 - General Chemistry Laboratory I Credits: 1
  Available for general education credit.
- CSCI 240 - Computer Programming in C++ Credits: 4
- ELE 210 - Engineering Circuit Analysis Credits: 3
  OR TECH 175 - Electricity and Electronics Fundamentals Credits: 3 **AND** TECH 175A - Electricity and Electronics Fundamentals Laboratory Credits: 1
- MATH 229 - Calculus I Credits: 4
  Available for general education credit.
- MATH 230 - Calculus II Credits: 4
- MATH 232 - Calculus III Credits: 4
- MATH 336 - Ordinary Differential Equations Credits: 3
- MEE 209 - Engineering Mechanics: Statics and Dynamics Credits: 4
  OR MEE210 - Engineering Mechanics I Credits: 3 **AND** MEE 211 - Engineering Mechanics II Credits: 3
- MEE 270 - Engineering Graphics Credits: 3
- PHHE 295 - Introduction to Public Health Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4
  Available for general education credit.
- PHYS 273 - Fundamentals of Physics II: Electromagnetism Credits: 4
  Available for general education credit.
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.
- UEET 101 - Introduction to Engineering Credits: 1
- OR UEET 301 - Transition to the Profession of Engineering Credits: 1

One course in basic economics chosen from the following:

- ECON 260 - Principles of Microeconomics Credits: 3
- ECON 261 - Principles of Macroeconomics Credits: 3

Technical Courses (15)

Select two courses from the following

- PHHE 435 - Ethical Decision Making for Health Professionals Credits: 3
- PHHE 441 - Introduction to Health Care Administration Credits: 3
- PHHE 451 - Economic Issues in Public Health Credits: 3
- PHHE 453 - Financial Management of Health Care Organizations Credits: 3
- PHHE 461 - Public Health and the U.S. Health Care System Credits: 3
- PHHE 467 - Public Health Research and Evaluation Credits: 3
  PHHE 467 is a Writing Infused course.
- PHHE 469 - Principles of Health Planning Credits: 3
  PHHE 469 is a Writing Infused course.

Select three courses from the following

- ISYE 439 - Six Sigma Performance Excellence and Modern Problem Solving Credits: 3
- ISYE 470 - Introduction to Data Analytics for Engineers Credits: 3
- ISYE 472 - Queueing Methods for Services and Manufacturing Credits: 3
- ISYE 475 - Decision Analysis for Engineering Credits: 3
- ISYE 482 - Engineering Information Systems Credits: 3
- OMIS 351 - Information Systems in Organizations Credits: 3

Total Hours for an Emphasis in Health Systems Engineering: 111

Emphasis 2. Manufacturing Systems

Requirements in Department (45)

- ISYE 220 - Engineering Economy Credits: 3
- ISYE 250 - Introduction to Lean Systems Engineering Credits: 2
  Available for general education credit.
  This is a nature and technology general education course for the Creativity, Innovation, and Change Pathway.
- ISYE 310 - Work Measurement and Work Design Credits: 3
- ISYE 335 - Probability and Statistics for Engineers Credits: 3
- ISYE 350 - Principles of Manufacturing Processes Credits: 3
- ISYE 370 - Operations Research: Deterministic Models Credits: 3
- ISYE 371 - Operations Research: Probabilistic Models Credits: 3
- ISYE 410 - Human Factors Engineering Credits: 3
- ISYE 430 - Quality Control Credits: 3
- ISYE 435 - Experimental Design for Engineering Credits: 3
- ISYE 440 - Production Planning and Control Credits: 3
- ISYE 450 - Lean Manufacturing Systems Credits: 3
- ISYE 460 - Facilities Planning and Design Credits: 3
- ISYE 480 - Simulation Modeling and Analysis Credits: 3
- ISYE 492 - Industrial and Systems Engineering Senior Design Project Proposal Credits: 1
  ISYE 492 is a writing infused course.
- ISYE 496 - Manufacturing Systems Design Project Credits: 3
  ISYE 496 is a writing infused course.

Requirements outside Department (48-52)

Same as required for major.

Technical Courses (15)

- ISYE 431 - Reliability Engineering Credits: 3
- OR MEE 423 - Mechanical Reliability Credits: 3
- ISYE 439 - Six Sigma Performance Excellence and Modern Problem Solving Credits: 3
- OR MEE 422 - Design of Robot Manipulators Credits: 3
- OR MEE 425 - Design of Mobile Robots Credits: 3
- ISYE 453 - Integrated Product and Process Design Credits: 3
- ISYE 455 - Manufacturing Metrology Credits: 3
- OR TECH 365 - Metrology Credits: 3

Select one of the following (3)

- MEE 430 - Computer-Aided Design and Manufacturing Credits: 3
- TECH 311 - Advanced Computer-Aided Design Credits: 3
- TECH 342 - Manufacturing Component Design Credits: 3
- TECH 414 - Computer-Aided Machine Design Credits: 3
- TECH 417 - Design for Energy Efficiency and Green Materials Credits: 3
- TECH 445 - Industrial Energy Utilization and Environmental Impacts Credits: 3

Total Hours for an Emphasis in Manufacturing Systems Engineering: 108

Emphasis 3. Engineering Management

Requirements in Department (45)

- ISYE 220 - Engineering Economy Credits: 3
- ISYE 250 - Introduction to Lean Systems Engineering Credits: 2
  Available for general education credit.
  This is a nature and technology general education course for the Creativity, Innovation, and Change Pathway.
- ISYE 310 - Work Measurement and Work Design Credits: 3
- ISYE 335 - Probability and Statistics for Engineers Credits: 3
- ISYE 350 - Principles of Manufacturing Processes Credits: 3
- ISYE 370 - Operations Research: Deterministic Models Credits: 3
- ISYE 371 - Operations Research: Probabilistic Models Credits: 3
- ISYE 410 - Human Factors Engineering Credits: 3
- ISYE 430 - Quality Control Credits: 3
- ISYE 435 - Experimental Design for Engineering Credits: 3
- ISYE 440 - Production Planning and Control Credits: 3
- ISYE 450 - Lean Manufacturing Systems Credits: 3
- ISYE 460 - Facilities Planning and Design Credits: 3
- ISYE 480 - Simulation Modeling and Analysis Credits: 3
- ISYE 492 - Industrial and Systems Engineering Senior Design Project Proposal Credits: 1
  ISYE 492 is a writing infused course.
- ISYE 493 - Engineering Management Design Project Credits: 3
  ISYE 493 is a writing infused course.

Requirements outside Department (48-52)

- CHEM 210 - General Chemistry I Credits: 3
  Available for general education credit.
- CHEM 212 - General Chemistry Laboratory I Credits: 1
  Available for general education credit.
- CSCI 240 - Computer Programming in C++ Credits: 4
- ELE 210 - Engineering Circuit Analysis Credits: 3
- OR TECH 175 - Electricity and Electronics Fundamentals Credits: 3
- AND TECH 175A - Electricity and Electronics Fundamentals Laboratory Credits: 1
- MATH 229 - Calculus I Credits: 4
  Available for general education credit.
- MATH 230 - Calculus II Credits: 4
- MATH 232 - Calculus III Credits: 4
- MATH 336 - Ordinary Differential Equations Credits: 3
- MEE 209 - Engineering Mechanics: Statics and Dynamics Credits: 4
- OR MEE 210 - Engineering Mechanics I Credits: 3
- AND MEE 211 - Engineering Mechanics II Credits: 3
- MEE 270 - Engineering Graphics Credits: 3
- PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4
  Available for general education credit.
- PHYS 273 - Fundamentals of Physics II: Electromagnetism Credits: 4
  Available for general education credit.
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.
- UEET 101 - Introduction to Engineering Credits: 1
- OR UEET 301 - Transition to the Profession of Engineering Credits: 1

One course in basic economics chosen from the following:

- ECON 260 - Principles of Microeconomics Credits: 3
- ECON 261 - Principles of Macroeconomics Credits: 3

Technical Courses (15)

Three of the following:

- ISYE 442 - Engineering Project Management Credits: 3
- ISYE 470 - Introduction to Data Analytics for Engineers Credits: 3
- ISYE 475 - Decision Analysis for Engineering Credits: 3
- ISYE 490 - Systems Engineering Management Credits: 3
- OR TECH 485 - Risk Management Credits: 3
- MGMT 333 - Principles of Management Credits: 3
- OR ECON 301 - Labor Problems Credits: 3
- OR PSYC 372 - Social Psychology Credits: 3
- OR TECH 404 - Supervision in Industry Credits: 3

One of the following:

- ACCY 207 - Introductory Cost Management Credits: 3
- ACCY 288 - Fundamentals of Accounting Credits: 3
- ECON 360 - Intermediate Microeconomics Credits: 3
- ECON 361 - Intermediate Macroeconomics Credits: 3

One of the following:

- COMS 302 - Organizational Communication Credits: 3
- COMS 361 - Business and Professional Communication Credits: 3
- MGMT 346 - Business Communication Credits: 3
  MGMT 346 is a writing infused course.

Total Hours for an Emphasis in Engineering Management: 108

Accelerated B.S./M.S. Sequence

This plan is open to all industrial and systems engineering, biomedical engineering, and mechatronics engineering majors who have finished at least 90 semester hours of undergraduate work and who have a cumulative GPA of at least 3.00. To enter the accelerated sequence, a student must obtain early admission to the NIU Graduate School, and formulate a detailed plan of study, working closely with a faculty adviser. A minimum GPA of 3.00 must be maintained during the course of study. Failure to meet the requirements of the accelerated sequence may lead to a B.S. degree only, but only after all the requirements for that degree have been met.

Students can enroll no more than three terms in the accelerated program without completing the baccalaureate degree. Up to 18 semester hours of graduate credit may be applied towards the baccalaureate degree with the approval of the department.

Students wishing to take part in this program should be aware of all the regulations and restrictions of accelerated baccalaureate/master's degree programs as outlined in the NIU Graduate School Catalog under the heading of Early Admission of NIU Undergraduates; and Admission to Accelerated Baccalaureate/Master's Degree Programs.

All students enrolled in this sequence must have their schedule approved by their faculty adviser each semester. Any deviation from an approved course schedule may delay graduation.

Minor

Minor in Sustainable Engineering (20-21)

Sustainable engineering is concerned with the integration of social, environmental, and economic considerations into product, process, and energy systems design methods. The objective is to minimize the total of the negative environmental impacts across the entire life cycle and maximize the positive social and economic impacts. Also, sustainable engineering encourages the consideration of the complete product and process life cycle during the design cycle. This minor will equip graduating engineers and scientists with the tools they need to meet the challenges associated with delivering goods, energy, and services through sustainable means.

Check departmental information for additional requirements.

Core Courses (9)

- ISYE 420 - Introduction to Energy Management Systems Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Creativity, Innovation, and Change Pathway.
- ISYE 421 - Introduction to Green Engineering Credits: 3
- ISYE 453 - Integrated Product and Process Design Credits: 3

Technical Elective Courses (5-6)

Select two of the following:

- ISYE 100 - Fundamentals of Manufacturing Systems Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Creativity, Innovation, and Change Pathway.
- ISYE 250 - Introduction to Lean Systems Engineering Credits: 2
  Available for general education credit.
  This is a nature and technology general education course for the Creativity, Innovation, and Change Pathway.
- ISYE 439 - Six Sigma Performance Excellence and Modern Problem Solving Credits: 3
- ISYE 490 - Systems Engineering Management Credits: 3
- MEE 101 - Energy and the Environment Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Global Connections Pathway.
- TECH 245 - Pollution Prevention and Sustainable Production Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Sustainability Pathway.
- TECH 484 - Energy Management Credits: 3

Interdisciplinary Elective Courses (6)

Select two of the following:

- ENVS 301 - Environmental Science I: Physical Systems Credits: 3
- ENVS 302 - Environmental Science II: Biological Systems Credits: 3
- ENVS 303 - Environment in the Social Sciences and Humanities Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Sustainability Pathway.
- ENVS 304 - Environmental Law, Policy, and Economics Credits: 3
- POLS 324 - Politics of Environmental Health and Safety Regulation Credits: 3
  POLS 324 is a writing infused course.
- TECH 305 - Green Technologies Credits: 3
- OR ENVS 305X - Green Technologies Credits: 3

Certificate of Undergraduate Study

Lean Six Sigma (12)

This certificate introduces undergraduate students to those skills required in manufacturing and service plants that apply the principles of lean production and six sigma. Industry, in general, expects graduates of industrial and systems engineering to have a strong background in lean production and six sigma concepts.

Students must achieve a minimum of a C in each course applied toward all certificates in the Department of Industrial and Systems Engineering.

Requirements

- ISYE 430 - Quality Control Credits: 3
- ISYE 439 - Six Sigma Performance Excellence and Modern Problem Solving Credits: 3
- ISYE 450 - Lean Manufacturing Systems Credits: 3
- ISYE 470 - Introduction to Data Analytics for Engineers Credits: 3

Logistics (12)

This certificate equips undergraduate students with skills required to effectively manage a supply chain and its constituents. Effective management of supply chain and its constituents is important to effectively and efficiently compete in a global economy.

Students must achieve a minimum of a C in each course applied toward all certificates in the Department of Industrial and Systems Engineering.

Four of the following:

- ISYE 440 - Production Planning and Control Credits: 3
- ISYE 460 - Facilities Planning and Design Credits: 3
- ISYE 461 - Warehousing and Distribution Systems Credits: 3

- ISYE 466 - Analysis and Design of Supply Chain Systems Credits: 3
- ISYE 470 - Introduction to Data Analytics for Engineers Credits: 3
- ISYE 474 - Scheduling and Logistics Credits: 3

Accelerated Integrated Degree

Accelerated B.S. Industrial and Systems Engineering/M.S. Industrial and Systems Engineering

This plan is open to all industrial and systems engineering majors who have finished at least 90 semester hours of undergraduate work and who have a cumulative GPA of at least 3.00. To enter the accelerated sequence, a student must obtain early admission to the NIU Graduate School, and formulate a detailed plan of study, working closely with a faculty adviser. A minimum GPA of 3.00 must be maintained during the course of study. Failure to meet the requirements of the accelerated sequence may lead to a B.S. degree only, but only after all the requirements for that degree have been met.

Students can enroll no more than three terms in the accelerated program without completing the baccalaureate degree. Up to 18 semester hours of graduate credit may be applied towards the baccalaureate degree with the approval of the department.

Students wishing to take part in this program should be aware of all the regulations and restrictions of accelerated baccalaureate/master's degree programs as outlined in the NIU Graduate School Catalog under the heading of Early Admission of NIU Undergraduates; and Admission to Accelerated Baccalaureate/Master's Degree Programs.

All students enrolled in this sequence must have their schedule approved by their faculty adviser each semester. Any deviation from an approved course schedule may delay graduation.

List of courses

ISYE 100 - Fundamentals of Manufacturing Systems

ISYE 210 - Integrated Systems for Industry

ISYE 220 - Engineering Economy

ISYE 250 - Introduction to Lean Systems Engineering

ISYE 310 - Work Measurement and Work Design

ISYE 335 - Probability and Statistics for Engineers

ISYE 350 - Principles of Manufacturing Processes

ISYE 370 - Operations Research: Deterministic Models

ISYE 371 - Operations Research: Probabilistic Models

ISYE 401 - Internship

ISYE 410 - Human Factors Engineering

ISYE 420 - Introduction to Energy Management Systems

ISYE 421 - Introduction to Green Engineering

ISYE 430 - Quality Control

ISYE 431 - Reliability Engineering

ISYE 435 - Experimental Design for Engineering

ISYE 436 - Applied Regression Analysis for Engineering

ISYE 439 - Six Sigma Performance Excellence and Modern Problem Solving

ISYE 440 - Production Planning and Control

ISYE 442 - Engineering Project Management

ISYE 450 - Lean Manufacturing Systems

ISYE 451 - Expert Systems in Engineering

ISYE 452 - Industrial Robotics

ISYE 453 - Integrated Product and Process Design

ISYE 455 - Manufacturing Metrology

ISYE 456 - Digital Manufacturing and Industrial Automation

ISYE 460 - Facilities Planning and Design

ISYE 461 - Warehousing and Distribution Systems

ISYE 466 - Analysis and Design of Supply Chain Systems

ISYE 470 - Introduction to Data Analytics for Engineers

ISYE 472 - Queueing Methods for Services and Manufacturing

ISYE 474 - Scheduling and Logistics

ISYE 475 - Decision Analysis for Engineering

ISYE 477 - Heuristic Optimization

ISYE 480 - Simulation Modeling and Analysis

ISYE 482 - Engineering Information Systems

ISYE 485 - Applied Advanced Optimization

ISYE 490 - Systems Engineering Management

ISYE 491 - Human Sensibility Ergonomics

ISYE 492 - Industrial and Systems Engineering Senior Design Project Proposal

ISYE 493 - Engineering Management Design Project

ISYE 494 - Health Systems Design Project

ISYE 495 - Senior Design Project

ISYE 496 - Manufacturing Systems Design Project

ISYE 497 - Independent Study

ISYE 498 - Contemporary Topics in Industrial Engineering

Mechanical Engineering (MEE)

The Department of Mechanical Engineering offers an upper-division curriculum which leads to the B.S. in mechanical engineering. The curriculum is based on a strong foundation of fundamental courses in the pure sciences and engineering, and professional courses in mechanical engineering. The curriculum also provides a background in the design, analysis, development, and applications of both complete mechanical systems and a wide variety of individual system components in many different fields.

The B.S. program offered by the Department of Mechanical Engineering encompasses many areas, such as solid mechanics, dynamics and controls, fluid mechanics, thermodynamics, heat and mass transfer, energy conversion, and manufacturing. This background is strengthened and integrated through application in a sequence of broad engineering design and laboratory courses. The department has significant equipment for experimental investigations.

Computers are used extensively throughout the curriculum, with emphasis on interactive computer-aided design, computer-aided manufacturing, and simulation of engineering systems. The Cooperative Education/Internship Program is also available to qualified students.

Accelerated B.S./M.S. Sequence

The department also offers an accelerated B.S./M.S. sequence that leads to a M.S. in Mechanical Engineering after students received a B.S. in Mechanical Engineering. This accelerated sequence is open to all undergraduate mechanical engineering and mechatronics engineering majors who have finished at least 90 semester hours of undergraduate course work with a minimum GPA of 3.00. A minimum GPA of 3.00 must be maintained during the course of study. Failure to meet the requirements of the accelerated sequence may lead to a B.S. only, but only after the requirements for that degree have been met.

With this program, a student can take B.S. and M.S. courses simultaneously, up to three semesters before earning the undergraduate degree. One can have up to 18 semester hours count towards both the undergraduate and graduate degrees. A GRE is not required. Students must meet Graduate School application deadlines. Interested students should talk with an adviser as early as possible and are encouraged to apply during the spring semester of their junior year.

Students wishing to take part in this program should be aware of all the regulations and restrictions of accelerated baccalaureate/master's degree programs as outlined in the NIU Graduate School Catalog under the heading of Early Admission of NIU Undergraduates; and Admission to Accelerated Baccalaureate/Master's Degree Programs.

All students enrolled in this sequence must have their schedule approved by their faculty adviser each semester. Any deviation from an approved course schedule may delay graduation.

University Honors students who are actively accumulating points through honors course work or Engage PLUS are guaranteed admission to the B.S./M.S. program.

Mission

The mission of the Mechanical Engineering Department is to provide a high-quality, visionary engineering education that reflects professional engineering standards and prepares students to become engineers and leaders capable of solving technical challenges that industry and society face now and in the future; to conduct quality research by developing and/or applying engineering knowledge and tools to address society's technical needs and challenges; and to provide quality professional and public services to our communities.

Program Educational Objectives

The undergraduate mechanical engineering program is designed to prepare students for successful careers in engineering by providing them with: a balanced education in mechanical engineering fields; a foundational knowledge in mathematics and physical sciences; a broad general education in the humanities/arts, social sciences and interdisciplinary studies; training for effective communication and team work; and an understanding and commitment of an engineer's professional and ethical responsibilities. Our Program Educational Objectives are based on the needs of the program's constituencies: employers, alumni, students and faculty. We expect our graduates to attain the following objectives within three to five years of graduation:

1. Develop a holistic and practical understanding of what is required to create a viable engineered product, project, or service.
2. Expand expertise in using engineering tools and techniques, beyond the foundational skills learned as an undergraduate, as needed to become a productive practicing engineer.
3. Communicate vital technical information about engineered products to non-engineers.

Student Outcomes

The graduates of undergraduate mechanical engineering program should demonstrate the following outcomes by the time of graduation: an ability to apply knowledge of mathematics, science, and engineering;

1. an ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science, and mathematics;
2. an ability to apply engineering design to produce solutions that meet specified needs with

consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors;
3. an ability to communicate effectively with a range of audiences;
4. an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts;
5. an ability to function effectively on a team whose members together provide leadership, create collaborative and inclusive environment, establish goals, plan tasks, and meet objectives;
6. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions; and
7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Department Requirements

All mechanical engineering students must have their schedule reviewed, approved, and signed by their faculty adviser each semester. Any deviation from an approved course schedule may delay graduation.

Major GPA will be calculated using all MEE courses and up to one course taken outside the department which satisfies the group B technical elective requirement. The GPA calculation will only include courses taken at NIU.

Writing Across the Curriculum Courses

The Department of Mechanical Engineering recognizes that competence in technical writing is essential for engineers. To build upon the foundation for writing acquired in ENGL 103, Rhetoric and Composition I, and ENGL 203, Rhetoric and Composition II, Researched Writing in the Domains, or ENGL 204, Rhetoric and Composition, Accelerated Research Writing in the Domains, the Department of Mechanical Engineering has selected 300- and 400-level courses which are identified as writing intensive courses in the course description. These courses are MEE 390, MEE 425, MEE 485, MEE 486, and MEE 490. Each of these courses requires a significant technical writing component which will be reviewed by both the course instructor and a technical writing tutor.

Mechanical Engineering Faculty

Tariq Shamim, Ph.D., University of Michigan, Ann Arbor, professor, chair
Sachit Butail, Ph.D., University of Maryland, College Park, assistant professor
Kyu Taek Cho, Ph.D., Pennsylvania State University, associate professor
Brianno Coller, Ph.D., Cornell University, Distinguished Teacher Professor, professor
Jenn-Terng Gau, Ph.D., Ohio State University, professor
Yueh-Jaw (YJ) Lin, Ph.D., University of Illinois, Chicago, professor
Donald R. Peterson, Ph.D., University of Connecticut, professor
Nicholas A. Pohlman, Ph.D., Northwestern University, professor
Ji-Chul Ryu, Ph.D., University of Delaware, associate professor
Iman Salehinia, Ph.D., Washington State University, associate professor
John Shelton, Ph.D., University of South Florida, assistant professor
Robert Sinko, Ph.D., Northwestern University, assistant professor
Jifu Tan, Ph.D., Lehigh University, assistant professor
Sahar Vahabzadeh, Ph.D., Washington State University, assistant professor
Ting Xia, Ph.D., University of Iowa, assistant professor

Majors

Mechanical Engineering (B.S.)

Check departmental information for any additional requirements.

Requirements in Department (66)

- MEE 210 - Engineering Mechanics I Credits: 3
- MEE 211 - Engineering Mechanics II Credits: 3
- MEE 212 - Mechanics of Materials Credits: 3
- MEE 270 - Engineering Graphics Credits: 3
- MEE 320 - Mechanism Design and Analysis Credits: 3
- MEE 321 - Mechanical Vibrations I Credits: 3
- MEE 322 - Dynamic Systems and Control I Credits: 3
- MEE 330 - Materials Science Credits: 3
- MEE 331 - Manufacturing Processes Credits: 3
- MEE 340 - Fluid Mechanics Credits: 3
- MEE 350 - Engineering Thermodynamics Credits: 3
- MEE 352 - Heat Transfer Credits: 3
- MEE 380 - Computational Methods in Engineering Design Credits: 3
- OR MEE 381 - Computational Methods and Programming in Engineering Design Credits: 3
- MEE 383 - Engineering Analysis Credits: 3
- MEE 390 - Experimental Methods in Mechanical Engineering Credits: 3
- MEE 430 - Computer-Aided Design and Manufacturing Credits: 3
- MEE 470 - Design of Machine Elements Credits: 3
- MEE 485 - Senior Mechanical Engineering Design I Credits: 3
  MEE 485 is a writing infused course.
- MEE 486 - Senior Mechanical Engineering Design II Credits: 3
  MEE 486 is a writing infused course.
- OR MEE 486C - Senior Mechanical Engineering Design II: Emphasis in Advanced Computing and Simulation (3)

- OR MEE 486E - Senior Mechanical Engineering Design II: Emphasis in Sustainable Energy (3)
- OR MEE 486M - Senior Mechanical Engineering Design II: Emphasis in Robotics and Controls (3)

A total of three technical electives from Group-A and Group-B below with at least two from Group-A

Group-A: Design-oriented electives

- MEE 382 - Design Thinking Credits: 3
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- MEE 410 - Intermediate Mechanics of Materials Credits: 3
- MEE 421 - Dynamic Systems and Control II Credits: 3
- MEE 422 - Design of Robot Manipulators Credits: 3
- MEE 423 - Mechanical Reliability Credits: 3
- MEE 424 - Machinery Vibration Credits: 3
- MEE 425 - Design of Mobile Robots Credits: 3
- MEE 426 - Mechatronics System Design Credits: 3
- MEE 427 - PLC-based Robotics in Automated Systems Credits: 3
- MEE 428 - Modeling Complex Systems Credits: 3
- MEE 431 - Composite Materials Credits: 3
- MEE 432 - Laser Materials Processing Credits: 3
- MEE 433 - Advanced Manufacturing Processes Credits: 3
- MEE 434 - Additive Manufacturing and Applications Credits: 3
- MEE 436 - Biomaterials Credits: 3
- MEE 450 - Applied Thermodynamics Credits: 3
- MEE 451 - Refrigeration and Air Conditioning Credits: 3
- MEE 452 - Design of Thermal Systems Credits: 3
- MEE 453 - Propulsion Credits: 3
- MEE 454 - Alternative and Renewable Energy Credits: 3
- MEE 455 - Energy Conservation and Environmental Sustainability Credits: 3
- MEE 456 - Electrochemical Energy Conversion and Storage Systems Credits: 3
- MEE 479 - Digital Human Modeling and Simulation Credits: 3
- MEE 480 - Finite Element Methods Credits: 3
- MEE 484 - Advanced Computing in Mechanical Engineering Credits: 3

Group-B: Other electives

- IEET 450 - Patent and Copyright Law for Engineers and Scientists Credits: 3
- IEET 490 - Topics in Engineering and Engineering Technology Credits: 1-3
- ISYE 430 - Quality Control Credits: 3
- ISYE 431 - Reliability Engineering Credits: 3
- ISYE 439 - Six Sigma Performance Excellence and Modern Problem Solving Credits: 3
- ISYE 450 - Lean Manufacturing Systems Credits: 3
- ISYE 451 - Expert Systems in Engineering Credits: 3

Requirements outside Department (39)

- CHEM 210 - General Chemistry I Credits: 3
  Available for general education credit.
- CHEM 212 - General Chemistry Laboratory I Credits: 1
  Available for general education credit.
- CSCI 240 - Computer Programming in C++ Credits: 4
- ELE 210 - Engineering Circuit Analysis Credits: 3
- ELE 210U - Engineering Circuit Laboratory Project Credits: 1
- ISYE 220 - Engineering Economy Credits: 3
- MATH 229 - Calculus I Credits: 4
  Available for general education credit.
- MATH 230 - Calculus II Credits: 4
- MATH 232 - Calculus III Credits: 4
- MATH 336 - Ordinary Differential Equations Credits: 3
- PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4
  Available for general education credit.
- PHYS 273 - Fundamentals of Physics II: Electromagnetism Credits: 4
  Available for general education credit.
- UEET 101 - Introduction to Engineering Credits: 1
- OR UEET 301 - Transition to the Profession of Engineering Credits: 1

Total Hours for a Major in Mechanical Engineering: 105

Emphasis 1. Advanced Computing and Simulation

Requirements in Department (66)

Same as required for major, but with the following choices:

- MEE 486 - Senior Mechanical Engineering Design II Credits: 3
  MEE 486C. Emphasis in Advanced Computing and Simulation
  MEE 486 is a writing infused course.

And at least two of the following five courses:

- MEE 381 - Computational Methods and Programming in Engineering Design Credits: 3

- MEE 428 - Modeling Complex Systems Credits: 3
- MEE 479 - Digital Human Modeling and Simulation Credits: 3
- MEE 480 - Finite Element Methods Credits: 3
- MEE 484 - Advanced Computing in Mechanical Engineering Credits: 3

Requirements outside Department (39)

Same as required for major.

Total Hours for an Emphasis in Advanced Computing and Simulation: 105

Emphasis 2. Robotics and Controls

Requirements in Department (66)

Same as required for major, but with the following choices:

- MEE 486 - Senior Mechanical Engineering Design II Credits: 3
  MEE 486M. Emphasis in Mechatronics and Robotics
  MEE 486 is a writing infused course.

And at least two of the following six courses:

- MEE 421 - Dynamic Systems and Control II Credits: 3
- MEE 422 - Design of Robot Manipulators Credits: 3
- MEE 425 - Design of Mobile Robots Credits: 3
- MEE 426 - Mechatronics System Design Credits: 3
- MEE 427 - PLC-based Robotics in Automated Systems Credits: 3
- MEE 428 - Modeling Complex Systems Credits: 3

Requirements outside Department (39)

Same as required for major.

Total Hours for an Emphasis in Robotics and Controls: 105

Emphasis 3. Sustainable Energy

Requirements in Department (66)

Same as required for major, but with the following choices:

- MEE 486 - Senior Mechanical Engineering Design II Credits: 3
  MEE 486E. Emphasis in Sustainable Engineering
  MEE 486 is a writing infused course.

At least two of the following seven courses:

- MEE 450 - Applied Thermodynamics Credits: 3
- MEE 451 - Refrigeration and Air Conditioning Credits: 3
- MEE 452 - Design of Thermal Systems Credits: 3
- MEE 453 - Propulsion Credits: 3
- MEE 454 - Alternative and Renewable Energy Credits: 3
- MEE 455 - Energy Conservation and Environmental Sustainability Credits: 3
- MEE 456 - Electrochemical Energy Conversion and Storage Systems Credits: 3

Requirements outside Department (39)

Same as required for major.

Total Hours for an Emphasis in Sustainable Energy: 105

Minor

Minor in Mechanical Engineering (21)

Check departmental information for any additional requirements.

Requirements

- MEE 210 - Engineering Mechanics I Credits: 3
- MEE 211 - Engineering Mechanics II Credits: 3
- MEE 212 - Mechanics of Materials Credits: 3
- MEE 270 - Engineering Graphics Credits: 3
- MEE 320 - Mechanism Design and Analysis Credits: 3
- MEE 350 - Engineering Thermodynamics Credits: 3

One of the following (3)

- MEE 321 - Mechanical Vibrations I Credits: 3
- MEE 340 - Fluid Mechanics Credits: 3
- MEE 430 - Computer-Aided Design and Manufacturing Credits: 3
- MEE 470 - Design of Machine Elements Credits: 3

Accelerated Integrated Degree

Accelerated B.S. / M.S. Mechanical Engineering

The department offers an accelerated B.S./ M.S. sequence that leads to an M.S. in Mechanical Engineering after students received a B.S. in Mechanical Engineering, Mechatronics Engineering, Biomedical Engineering, Electrical Engineering, or Industrial and Systems Engineering. This accelerated sequence is open to undergraduate engineering majors in the programs listed above who have finished at least 90 semester hours of undergraduate course work with a minimum GPA of 3.00. A minimum GPA of 3.00 must be maintained during the course of study. Failure to meet the requirements of the accelerated sequence may lead to a B.S. only, but only after the requirements for that degree have been met.

With this program, a student can take B.S. and M.S. courses simultaneously, up to three semesters before earning the undergraduate degree. Depending on the undergraduate major, one can have up to 18 semester hours count towards both the undergraduate and graduate degrees. Students coming from programs other than Mechanical Engineering may also have to take additional foundational mechanical engineering undergraduate courses as described in the Graduate Catalog.

A GRE is not required. Students must meet Graduate School application deadlines. Interested students should talk with an adviser as early as possible and are encouraged to apply during the spring semester of their junior year.

Students wishing to take part in this program should be aware of all the regulations and restrictions of accelerated baccalaureate/master's degree programs as outlined in the NIU Graduate School Catalog under the heading of Early Admission of NIU Undergraduates; and Admission to Accelerated Baccalaureate/Master's Degree Programs.

All students enrolled in this sequence must have their schedule approved by their faculty adviser each semester. Any deviation from an approved course schedule may delay graduation.

University Honors students in Mechanical Engineering who are actively accumulating points through honors course work or Engage PLUS are guaranteed admission to the B.S./M.S. program.

List of courses

MEE 101 - Energy and the Environment

MEE 209 - Engineering Mechanics: Statics and Dynamics

MEE 210 - Engineering Mechanics I

MEE 211 - Engineering Mechanics II

MEE 212 - Mechanics of Materials

MEE 270 - Engineering Graphics

MEE 320 - Mechanism Design and Analysis

MEE 321 - Mechanical Vibrations I

MEE 322 - Dynamic Systems and Control I

MEE 330 - Materials Science

MEE 331 - Manufacturing Processes

MEE 340 - Fluid Mechanics

MEE 350 - Engineering Thermodynamics

MEE 352 - Heat Transfer

MEE 380 - Computational Methods in Engineering Design

MEE 381 - Computational Methods and Programming in Engineering Design

MEE 382 - Design Thinking

MEE 383 - Engineering Analysis

MEE 390 - Experimental Methods in Mechanical Engineering

MEE 410 - Intermediate Mechanics of Materials

MEE 421 - Dynamic Systems and Control II

MEE 422 - Design of Robot Manipulators

MEE 423 - Mechanical Reliability

MEE 424 - Machinery Vibration

MEE 425 - Design of Mobile Robots

MEE 426 - Mechatronics System Design

MEE 427 - PLC-based Robotics in Automated Systems

MEE 428 - Modeling Complex Systems

MEE 430 - Computer-Aided Design and Manufacturing

MEE 431 - Composite Materials

MEE 432 - Laser Materials Processing

MEE 433 - Advanced Manufacturing Processes

MEE 434 - Additive Manufacturing and Applications

MEE 436 - Biomaterials

MEE 450 - Applied Thermodynamics

MEE 451 - Refrigeration and Air Conditioning

MEE 452 - Design of Thermal Systems

MEE 453 - Propulsion

MEE 454 - Alternative and Renewable Energy

MEE 455 - Energy Conservation and Environmental Sustainability

MEE 456 - Electrochemical Energy Conversion and Storage Systems

MEE 470 - Design of Machine Elements

MEE 479 - Digital Human Modeling and Simulation

MEE 480 - Finite Element Methods

MEE 484 - Advanced Computing in Mechanical Engineering

MEE 485 - Senior Mechanical Engineering Design I

MEE 486 - Senior Mechanical Engineering Design II

MEE 497 - Independent Study

MEE 498 - Special Topics

Engineering Technology (TECH)

Admission to the emphases in Applied Manufacturing Technology, Aviation Management Technology, and Nuclear Engineering Technology is limited. See "Limited Admissions and Limited Retention Requirements" in the front part of this catalog.

Students who graduate with university honors with a B.S. in Engineering Technology receive guaranteed admission into the graduate program leading to the M.S. in Industrial Management. Students who are interested in the M.S. in Industrial Management should refer to the Graduate Catalog or contact the University Honors Program for more details.

Mission

The mission of the Department of Engineering Technology is to offer engaged learning programs that promote strong partnerships with industry and foster a cooperative relationship between faculty and students. The Department of Engineering Technology at NIU is committed to providing our students with an industry-focused technical education that emphasizes strong theoretical and applications-oriented approaches to problem solving and to engage in life-long learning, and adapt to emerging technologies. The departmental faculty will also engage in professional activities that add value to the university and the community at large.

Vision

The Department of Engineering Technology is committed to technical education and programs which incorporate continuous improvement, student-centered engagement, and applied research that prepare our students to analyze, develop, and implement innovative and sustainable solutions for a contemporary society.

Program Educational Objectives

As a statement of the career and professional accomplishments that the Department of Engineering Technology is preparing its graduates to achieve, we have adopted the following Program Educational Objectives, in consultation with our alumni, Industrial Advisory Boards, and other program stakeholders.

Electrical Engineering Technology

In three to five years after the completion of the baccalaureate degree, Department of Engineering Technology graduates will:

- Apply engineering knowledge and tools to solve technical problems, design products, and improve processes that can enhance the well-being of society in its economic, social, ethical, and environmental sustainability needs.
- Be effective team members who can lead, collaborate, and communicate effectively with cross-functional teams.
- Become successful professionals and leaders in their fields.
- Pursue professional development through continuing education, industry-specific certifications, and involvement in professional organizations.

Manufacturing Engineering Technology, Industrial Management and Technology, Energy and Environmental Engineering Technology, and Applied Manufacturing Technology

In three to five years after the completion of the baccalaureate degree, Department of Engineering Technology graduates will:

- Apply engineering knowledge and tools to solve technical problems, design products, and improve processes that strive to meet the ethical, cultural, and environmental needs of society.
- Be effective team members who can lead, collaborate, and communicate effectively with cross-functional teams.
- Become successful professionals and leaders in their fields.
- Pursue professional development through continuing education, industry-specific certifications, and involvement in professional organizations.

Student Outcomes

The department's undergraduate program is designed to provide graduates with:

(1) An ability to apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and

technology to solve well-defined engineering problems appropriate to the discipline.

(2) An ability to design solutions for well-defined technical problems and assist with the engineering design of systems, components, or processes appropriate to the discipline.

(3) An ability to apply written, oral, and graphical communication in well-defined technical and non-technical environments; and an ability to identify and use appropriate technical literature.

(4) An ability to conduct standard tests, measurements, and experiments and to analyze and interpret the results.

(5) An ability to function effectively as a member of a technical team.

Department Requirement

All engineering technology majors/minors who do not place into MATH 229 must obtain a grade of C or better in MATH 155.

Certificate of Undergraduate Study

The Department of Engineering Technology participates in the Homeland Security Certificate of Undergraduate Study. See the section on Inter-College Interdisciplinary Certificates in this catalog for details or visit the Homeland Security website at http://www.niu.edu/HomelandSecurity/index.shtml.

Certificates of undergraduate study in the Department of Engineering Technology are open to all NIU undergraduate students. Students must maintain good academic standing in the university by achieving a GPA of at least 2.00 in all certificate courses and by completing all certificate course work within six calendar years. Some courses may have prerequisites that are not part of the certificate curriculum. All course requirements for the certificate must be completed at NIU. With department approval, some, or all, of the certificate courses may be applied toward undergraduate degree requirements in the department. The Department of Engineering Technology reserves the right to limit enrollment in any of the certificate courses.

Engineering Technology Faculty

Shun Takai, Ph.D., Stanford University, associate professor, Interim Chair
Abul Azad, Ph.D., University of Sheffield (United Kingdom), professor
Liping Guo, Ph.D., Auburn University, professor
Theodore J. Hogan, Ph.D., C.I.H., University of Illinois, Chicago, associate professor
Kevin Martin, Ph.D., Missouri University of Science and Technology, associate professor
William J. Mills, Ph.D., University of Illinois, Chicago, associate professor
Shanthi Muthuswamy, Ph.D., State University of New York at Binghamton, professor
Said Oucheriah, Ph.D., P.E., Cleveland State University, professor
Robert Tatara, Ph.D., Northwestern University, professor
Mahdi Vaezi, Ph.D., University of Alberta, assistant professor

Majors

Engineering Technology (B.S.)

Check departmental information for any additional requirements.

Emphasis 1. Electrical Engineering Technology

Requirements in Department (67-68)

- TECH 265 - Basic Manufacturing Processes Credits: 3
- TECH 270 - Electrical Fundamentals and Circuit Analysis I Credits: 3
- TECH 270A - Electrical Fundamentals and Circuit Analysis Laboratory I Credits: 1
- TECH 271 - Electrical Fundamentals and Circuit Analysis II Credits: 3
- TECH 271A - Electrical Fundamentals and Circuit Analysis Laboratory II Credits: 1
- TECH 276 - Electronics I Credits: 3
- TECH 276A - Electronics I Laboratory Credits: 1
- TECH 277 - Digital Logic Design Credits: 3
- TECH 277A - Digital Logic Design Laboratory Credits: 1
- TECH 302 - Presentation and Communication Skills for Technology Credits: 3
- OR ENGL 308 - Technical Writing Credits: 3
  ENGL 308 is a writing infused course.
- OR MGMT 346 - Business Communication Credits: 3
  MGMT 346 is a writing infused course.
- TECH 325 - Programmable Electronic Controllers Credits: 3
- TECH 375 - Control Systems Credits: 3
- TECH 376 - Electronics II Credits: 3
- TECH 376A - Electronics II Laboratory Credits: 1
- TECH 377 - Microcontrollers and Interfacing Credits: 3
- TECH 379 - Electric Machines and Transformers Credits: 3
- TECH 379A - Electric Machines and Transformers Laboratory Credits: 1
- TECH 426 - Electric Systems Applications for Alternative Energy Credits: 3
- TECH 477 - Engineering Technology Senior Design Project I Credits: 1
  TECH 477 is a writing infused course.
- TECH 478 - Engineering Technology Senior Design Project II Credits: 3
  TECH 478 is a writing infused course.

Select five of the following (15-16)

- TECH 295 - Manufacturing Computer Applications Credits: 3
- OR CSCI 215 - Visual Basic Credits: 4
- TECH 305 - Green Technologies Credits: 3
- TECH 391 - Industrial Quality Control Credits: 3
- TECH 393 - Structure and Properties of Materials Credits: 3
- TECH 409 - Internship Credits: 3
- TECH 415 - Applied Industrial Experimental Analysis Credits: 3
- TECH 417 - Design for Energy Efficiency and Green Materials Credits: 3
- TECH 419 - Energy Auditing Credits: 3
- TECH 434 - Human Factors in Industrial Accident Prevention Credits: 3
  TECH 434 is a Writing Infused course.
- TECH 443 - Engineering Economy Credits: 3
- TECH 444 - Production Control Systems Credits: 3
- TECH 445 - Industrial Energy Utilization and Environmental Impacts Credits: 3
- TECH 492 - Manufacturing Distribution Applications Credits: 3

Select three of the following (9)

- TECH 211 - Computer-Aided Design Credits: 3
- TECH 425 - Advanced Programmable Electronic Controllers Credits: 3
- TECH 430 - Microcontroller Systems and Internet of Things Credits: 3
- TECH 471 - Digital and Data Communication Credits: 3
- TECH 473 - Advanced Digital Design Credits: 3
- TECH 475 - Computer Simulation in Electronics Credits: 3
- TECH 476 - Industrial Control Electronics Credits: 3
- TECH 479 - Special Topics in Engineering Technology Credits: 3

Requirements outside Department (30-31)

- CHEM 110 - Chemistry Credits: 3
  Available for general education credit.
- AND CHEM 111 - Chemistry Laboratory Credits: 1
  Available for general education credit.
- OR CHEM 210 - General Chemistry I Credits: 3
  Available for general education credit.
- AND CHEM 212 - General Chemistry Laboratory I Credits: 1
  Available for general education credit.
- CSCI 240 - Computer Programming in C++ Credits: 4
- MATH 155 - Trigonometry and Elementary Functions Credits: 3
  Available for general education credit.
- MATH 229 - Calculus I Credits: 4
  Available for general education credit.
- MATH 230 - Calculus II Credits: 4
- PHYS 210 - General Physics I Credits: 4
  Available for general education credit.
- OR PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4
  Available for general education credit.
- PHYS 211 - General Physics II Credits: 4
  Available for general education credit.
- OR TECH 175 - Electricity and Electronics Fundamentals Credits: 3
- AND TECH 175A - Electricity and Electronics Fundamentals Laboratory Credits: 1
- STAT 100 - Basic Statistics Credits: 3
  Available for general education credit.
- OR STAT 200 - Elementary Statistics Credits: 4

Total Hours for Emphasis 1, Electrical Engineering Technology: 100-102

Emphasis 2. Manufacturing Engineering Technology

Requirements in Department (78-79)

- TECH 175 - Electricity and Electronics Fundamentals Credits: 3
- TECH 175A - Electricity and Electronics Fundamentals Laboratory Credits: 1
- TECH 210 - Engineering Mechanics Credits: 2
- TECH 211 - Computer-Aided Design Credits: 3
- TECH 212 - Engineering Dynamics Credits: 2
- TECH 262 - Machine Production Processes Credits: 3
- TECH 265 - Basic Manufacturing Processes Credits: 3
- TECH 295 - Manufacturing Computer Applications Credits: 3
- OR CSCI 215 - Visual Basic Credits: 4
- OR CSCI 240 - Computer Programming in C++ Credits: 4
- TECH 302 - Presentation and Communication Skills for Technology Credits: 3
- OR ENGL 308 - Technical Writing Credits: 3
  ENGL 308 is a writing infused course.
- OR MGMT 346 - Business Communication Credits: 3
  MGMT 346 is a writing infused course.
- TECH 311 - Advanced Computer-Aided Design Credits: 3
- TECH 325 - Programmable Electronic Controllers Credits: 3
- TECH 326 - Fluid Power Technology Credits: 3
- TECH 342 - Manufacturing Component Design Credits: 3
- TECH 362 - Numerical Control Systems Credits: 3

- TECH 369 - Strength of Materials Credits: 3
- TECH 391 - Industrial Quality Control Credits: 3
- TECH 393 - Structure and Properties of Materials Credits: 3
- TECH 415 - Applied Industrial Experimental Analysis Credits: 3
- TECH 423 - Automated Manufacturing Systems Credits: 3
- TECH 425 - Advanced Programmable Electronic Controllers Credits: 3
- TECH 443 - Engineering Economy Credits: 3
- TECH 462 - CNC Production Programming Credits: 3
- TECH 477 - Engineering Technology Senior Design Project I Credits: 1
  TECH 477 is a writing infused course.
- TECH 478 - Engineering Technology Senior Design Project II Credits: 3
  TECH 478 is a writing infused course.

Two of the following (6)

- TECH 260 - Metal Fabrication Processes Credits: 3
- TECH 312 - Design Dimensioning and Tolerancing Credits: 3
- TECH 313 - Product Design and Development for Manufacturability Credits: 3
- TECH 314 - Tool and Die Design Credits: 3
- TECH 344 - Materials and Processes in the Plastics Industry Credits: 3
- TECH 365 - Metrology Credits: 3
- TECH 414 - Computer-Aided Machine Design Credits: 3
- TECH 416 - Heating, Ventilating and Air Conditioning Technology Credits: 3
- TECH 417 - Design for Energy Efficiency and Green Materials Credits: 3
- TECH 427 - Testing Methods, Procedures, and Selection of Sustainable Plastics Credits: 3
- TECH 479 - Special Topics in Engineering Technology Credits: 3

Two of the following (6)

- TECH 305 - Green Technologies Credits: 3
- TECH 404 - Supervision in Industry Credits: 3
- TECH 406 - Facilities Management Technology Credits: 3
- TECH 407 - Maintenance Management Technology Credits: 3
- TECH 409 - Internship Credits: 3
- TECH 419 - Energy Auditing Credits: 3
- TECH 429 - Plant Location, Layout, and Materials Handling Credits: 3
- TECH 434 - Human Factors in Industrial Accident Prevention Credits: 3
  TECH 434 is a writing infused course.
- TECH 442 - Work Simplification and Measurement Credits: 3
- TECH 444 - Production Control Systems Credits: 3
- TECH 492 - Manufacturing Distribution Applications Credits: 3

Requirements outside Department (22-23)

- CHEM 110 - Chemistry Credits: 3
  Available for general education credit.
- AND CHEM 111 - Chemistry Laboratory Credits: 1
  Available for general education credit.
- OR CHEM 210 - General Chemistry I Credits: 3
  Available for general education credit.
- AND CHEM 212 - General Chemistry Laboratory I Credits: 1
  Available for general education credit.
- MATH 155 - Trigonometry and Elementary Functions Credits: 3
  Available for general education credit.
- MATH 229 - Calculus I Credits: 4
  Available for general education credit.
- MATH 230 - Calculus II Credits: 4
- PHYS 210 - General Physics I Credits: 4
  Available for general education credit.
- OR PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4
  Available for general education credit.
- STAT 100 - Basic Statistics Credits: 3
  Available for general education credit.
- OR STAT 200 - Elementary Statistics Credits: 4

Total Hours for Emphasis 2, Manufacturing Engineering Technology: 100-102

Emphasis 3. Industrial Management and Technology

Technology majors cannot use TECH 294 as a TECH Elective. A grade of C or better is required in MATH 155.

Requirements in Department (66-75)

- TECH 175 - Electricity and Electronics Fundamentals Credits: 3
- TECH 175A - Electricity and Electronics Fundamentals Laboratory Credits: 1
- TECH 211 - Computer-Aided Design Credits: 3
- TECH 265 - Basic Manufacturing Processes Credits: 3
- TECH 302 - Presentation and Communication Skills for Technology Credits: 3
- OR ENGL 308 - Technical Writing Credits: 3

ENGL 308 is a writing infused course.

- OR MGMT 346 - Business Communication Credits: 3
  MGMT 346 is a writing infused course.
- TECH 391 - Industrial Quality Control Credits: 3
- TECH 404 - Supervision in Industry Credits: 3
- TECH 406 - Facilities Management Technology Credits: 3
- TECH 415 - Applied Industrial Experimental Analysis Credits: 3
- TECH 429 - Plant Location, Layout, and Materials Handling Credits: 3
- TECH 434 - Human Factors in Industrial Accident Prevention Credits: 3
  TECH 434 is a writing infused course.
- TECH 492 - Manufacturing Distribution Applications Credits: 3
- TECH 496 - Industrial Project Management Credits: 3
  TECH 496 is a writing infused course.
- Design and Production, and Electronics Technology: TECH courses chosen with the advice and consent of the departmental adviser (6)

Two of the following (6)

- TECH 305 - Green Technologies Credits: 3
- TECH 402 - Industrial Training and Evaluation Credits: 3
- TECH 407 - Maintenance Management Technology Credits: 3
- TECH 411 - Environmental Sustainability Practices for Industrial Operations Credits: 3
- TECH 419 - Energy Auditing Credits: 3
- TECH 432 - Disaster Preparedness Credits: 3
- TECH 442 - Work Simplification and Measurement Credits: 3
- TECH 443 - Engineering Economy Credits: 3
- TECH 444 - Production Control Systems Credits: 3
- TECH 484 - Energy Management Credits: 3

One of the following areas of study (23-24)

Design and Production (24)

- TECH 260 - Metal Fabrication Processes Credits: 3
- TECH 262 - Machine Production Processes Credits: 3
- TECH 311 - Advanced Computer-Aided Design Credits: 3
- TECH 312 - Design Dimensioning and Tolerancing Credits: 3
- TECH 313 - Product Design and Development for Manufacturability Credits: 3
- TECH 365 - Metrology Credits: 3

Two of the following (6-7)

- TECH 295 - Manufacturing Computer Applications Credits: 3
- OR CSCI 215 - Visual Basic Credits: 4
- OR CSCI 240 - Computer Programming in C++ Credits: 4
- TECH 314 - Tool and Die Design Credits: 3
- TECH 325 - Programmable Electronic Controllers Credits: 3
- TECH 344 - Materials and Processes in the Plastics Industry Credits: 3
- TECH 409 - Internship Credits: 3
- TECH 414 - Computer-Aided Machine Design Credits: 3
- TECH 417 - Design for Energy Efficiency and Green Materials Credits: 3

Electronics Technology (22-23)

- TECH 277 - Digital Logic Design Credits: 3
- TECH 277A - Digital Logic Design Laboratory Credits: 1
- TECH 295 - Manufacturing Computer Applications Credits: 3
- OR CSCI 215 - Visual Basic Credits: 4
- OR CSCI 240 - Computer Programming in C++ Credits: 4
- TECH 325 - Programmable Electronic Controllers Credits: 3
- TECH 377 - Microcontrollers and Interfacing Credits: 3
- TECH 425 - Advanced Programmable Electronic Controllers Credits: 3

Two of the following (6)

- TECH 398 - Individual Problems in Technology Credits: 1-6
- TECH 409 - Internship Credits: 3
- TECH 430 - Microcontroller Systems and Internet of Things Credits: 3
- TECH 473 - Advanced Digital Design Credits: 3
- TECH 479 - Special Topics in Engineering Technology Credits: 3

Environmental Health and Safety (30)

Students interested in Ergonomics and/or Industrial Hygiene studies should take BIOS 311 (4) as an elective.

- TECH 231 - Introduction to Workplace Health and Safety Credits: 3
- TECH 245 - Pollution Prevention and Sustainable Production Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Sustainability Pathway.
- TECH 411 - Environmental Sustainability Practices for Industrial Operations Credits: 3

- TECH 433 - Chemical Hazards in Industry Credits: 3
- TECH 436 - Design and Administration of Environmental Health and Safety Programs Credits: 3
- TECH 437 - Fundamentals of Industrial Hygiene Credits: 3
- TECH 438 - Safety in Transportation Systems Credits: 3
- TECH 468 - Construction Safety Management Credits: 3
- TECH 441 - Hazard Control in Industrial Operations Credits: 3
- TECH 481 - Ergonomics Credits: 3

Special Technical Study (23)

This area of study is limited to transfer students with an Associate of Applied Science degree with a major in a recognized field of industrial technology. Up to 23 semester hours of credit from the A.A.S. degree may be applied to this area of study with the consent of the departmental adviser and department chair. Students in this area of study are exempt from the 30 semester hour university residence requirement.

Requirements outside Department (17-18)

- ACCY 206 - Introductory Financial Accounting Credits: 3
- OR ACCY 288 - Fundamentals of Accounting Credits: 3
- CHEM 110 - Chemistry Credits: 3
  Available for general education credit.
- CHEM 111 - Chemistry Laboratory Credits: 1
  Available for general education credit.
- MATH 155 - Trigonometry and Elementary Functions Credits: 3
  Available for general education credit.
- STAT 100 - Basic Statistics Credits: 3
  Available for general education credit.
- OR STAT 200 - Elementary Statistics Credits: 4

Physics requirement (4)

- PHYS 150 - Physics Credits: 3
  Available for general education credit.
- AND PHYS 151 - Physics Laboratory Credits: 1
- OR PHYS 210 - General Physics I Credits: 4
  Available for general education credit.

Total Hours for Emphasis 3, Industrial Management and Technology: 89-93

Emphasis 4. Energy and Environmental Engineering Technology

Requirements in Department (61-62)

- TECH 175 - Electricity and Electronics Fundamentals Credits: 3
- TECH 175A - Electricity and Electronics Fundamentals Laboratory Credits: 1
- TECH 211 - Computer-Aided Design Credits: 3
- TECH 231 - Introduction to Workplace Health and Safety Credits: 3
- TECH 245 - Pollution Prevention and Sustainable Production Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Sustainability Pathway.
- TECH 265 - Basic Manufacturing Processes Credits: 3
- TECH 295 - Manufacturing Computer Applications Credits: 3
- OR CSCI 215 - Visual Basic Credits: 4
- OR CSCI 240 - Computer Programming in C++ Credits: 4
- TECH 302 - Presentation and Communication Skills for Technology Credits: 3
- OR ENGL 308 - Technical Writing Credits: 3
  ENGL 308 is a writing infused course.
- OR MGMT 346 - Business Communication Credits: 3
  MGMT 346 is a writing infused course.
- TECH 305 - Green Technologies Credits: 3
- OR ENVS 305X - Green Technologies Credits: 3
- TECH 325 - Programmable Electronic Controllers Credits: 3
- TECH 326 - Fluid Power Technology Credits: 3
- TECH 391 - Industrial Quality Control Credits: 3
- TECH 406 - Facilities Management Technology Credits: 3
- TECH 411 - Environmental Sustainability Practices for Industrial Operations Credits: 3
- TECH 416 - Heating, Ventilating and Air Conditioning Technology Credits: 3
- TECH 417 - Design for Energy Efficiency and Green Materials Credits: 3
- TECH 419 - Energy Auditing Credits: 3
- TECH 443 - Engineering Economy Credits: 3
- TECH 445 - Industrial Energy Utilization and Environmental Impacts Credits: 3
- TECH 484 - Energy Management Credits: 3
- TECH 496 - Industrial Project Management Credits: 3
  TECH 496 is a writing infused course.

Technical Electives (6)

Two of the following:

- ENVS 301 - Environmental Science I: Physical Systems Credits: 3
- ENVS 302 - Environmental Science II: Biological Systems Credits: 3

- GEOG 403 - Soils and Environmental Land Use Planning Credits: 3
- GEOG 432 - GIS for Public and Environmental Health Credits: 3
- GEOG 455 - Land-Use Planning Credits: 3
- GEOG 458 - Geovisualization Credits: 3
- GEOG 459 - Geographic Information Systems Credits: 3
- GEOG 460 - Remote Sensing of the Environment Credits: 3
- TECH 409 - Internship Credits: 3
- TECH 415 - Applied Industrial Experimental Analysis Credits: 3
- TECH 426 - Electric Systems Applications for Alternative Energy Credits: 3
- TECH 427 - Testing Methods, Procedures, and Selection of Sustainable Plastics Credits: 3
- TECH 433 - Chemical Hazards in Industry Credits: 3
- TECH 437 - Fundamentals of Industrial Hygiene Credits: 3
- TECH 438 - Safety in Transportation Systems Credits: 3
- TECH 441 - Hazard Control in Industrial Operations Credits: 3
- TECH 468 - Construction Safety Management Credits: 3
- TECH 479 - Special Topics in Engineering Technology Credits: 3

Requirements outside Department (27-28)

- CHEM 110 - Chemistry Credits: 3
  Available for general education credit.
- AND CHEM 111 - Chemistry Laboratory Credits: 1
  Available for general education credit.
- OR CHEM 210 - General Chemistry I Credits: 3
  Available for general education credit.
- AND CHEM 212 - General Chemistry Laboratory I Credits: 1
- ENVS 304 - Environmental Law, Policy, and Economics Credits: 3
- GEOG 256 - Maps and Mapping Credits: 3
  Available for general education credit.
- GEOG 359 - Introduction to Geographic Information Systems Credits: 3
- MATH 155 - Trigonometry and Elementary Functions Credits: 3
  Available for general education credit.
- MATH 229 - Calculus I Credits: 4
  Available for general education credit.
- STAT 100 - Basic Statistics Credits: 3
  Available for general education credit.
- OR STAT 200 - Elementary Statistics Credits: 4

Physics requirement (4)

- PHYS 150 - Physics Credits: 3
  Available for general education credit.
- AND PHYS 151 - Physics Laboratory Credits: 1
- OR PHYS 210 - General Physics I Credits: 4
  Available for general education credit.

Total Hours for Emphasis 4, Energy and Environment Technology: 94-96

Emphasis 5. Applied Manufacturing Technology

This area of study is limited to transfer students with an Associates of Applied Science degree with a major in a recognized technical area. With the approval of the NIU Department of Technology adviser and chair, up to 43 hours of proficiency credit, which includes up to 9 hours of upper-level credit, can be used towards the 120-semester hour total and 40-semester-hour upper-level university graduation requirements.

Students in this emphasis are exempt from the 30-semester-hour university residence requirement. All students in this emphasis must obtain a grade of C or better in MATH 155 and all majors must meet NIU's requirements for general education (29-41 hours).

Requirements in Department (36)

- TECH 211 - Computer-Aided Design Credits: 3
- TECH 302 - Presentation and Communication Skills for Technology Credits: 3
- OR ENGL 308 - Technical Writing Credits: 3
  ENGL 308 is a writing infused course.
- OR MGMT 346 - Business Communication Credits: 3
  MGMT 346 is a writing infused course.
- TECH 391 - Industrial Quality Control Credits: 3
- TECH 404 - Supervision in Industry Credits: 3
- TECH 406 - Facilities Management Technology Credits: 3
- TECH 429 - Plant Location, Layout, and Materials Handling Credits: 3
- TECH 432 - Disaster Preparedness Credits: 3
- TECH 434 - Human Factors in Industrial Accident Prevention Credits: 3
  TECH 434 is a writing infused course.
- TECH 492 - Manufacturing Distribution Applications Credits: 3
- TECH 496 - Industrial Project Management Credits: 3
  TECH 496 is a writing infused course.

Two of the following (6)

- TECH 305 - Green Technologies Credits: 3
- OR ENVS 305X - Green Technologies Credits: 3
- TECH 402 - Industrial Training and Evaluation Credits: 3

- TECH 435 - Legal Aspects of Safety Credits: 3
- TECH 442 - Work Simplification and Measurement Credits: 3
- TECH 444 - Production Control Systems Credits: 3
- TECH 484 - Energy Management Credits: 3

Requirements outside Department (14)

- CHEM 110 - Chemistry Credits: 3
  Available for general education credit.
- CHEM 111 - Chemistry Laboratory Credits: 1
  Available for general education credit.
- MATH 155 - Trigonometry and Elementary Functions Credits: 3
  Available for general education credit.
- STAT 100 - Basic Statistics Credits: 3
  Available for general education credit.

Physics requirement (4)

- PHYS 150 - Physics Credits: 3
  Available for general education credit.
- AND PHYS 151 - Physics Laboratory Credits: 1
- OR PHYS 210 - General Physics I Credits: 4
  Available for general education credit.

Total Hours for Emphasis 5, Applied Manufacturing Technology: 93

Certificate of Undergraduate Study

Energy Management (12)

This certificate is designed to provide students fundamental knowledge in energy sciences with an emphasis in industrial applications. This certificate is not available to students majoring in technology with an emphasis in energy and environmental technology.

Requirements

- TECH 305 - Green Technologies Credits: 3
- OR ENVS 305X - Green Technologies Credits: 3
- OR TECH 484 - Energy Management Credits: 3
- TECH 417 - Design for Energy Efficiency and Green Materials Credits: 3
- TECH 419 - Energy Auditing Credits: 3
- TECH 445 - Industrial Energy Utilization and Environmental Impacts Credits: 3

Facilities Management (12)

This certificate is designed to prepare students to meet needs to manage industrial/manufacturing facilities in the industry. Through this certificate, students will obtain fundamental knowledge in design, maintenance, and management of industrial/manufacturing facilities, projects, and operations.

Requirements

- TECH 406 - Facilities Management Technology Credits: 3
- TECH 407 - Maintenance Management Technology Credits: 3
- TECH 429 - Plant Location, Layout, and Materials Handling Credits: 3
- TECH 442 - Work Simplification and Measurement Credits: 3
- OR TECH 444 - Production Control Systems Credits: 3

List of courses

TECH 175 - Electricity and Electronics Fundamentals

TECH 175A - Electricity and Electronics Fundamentals Laboratory

TECH 210 - Engineering Mechanics

TECH 211 - Computer-Aided Design

TECH 212 - Engineering Dynamics

TECH 231 - Introduction to Workplace Health and Safety

TECH 245 - Pollution Prevention and Sustainable Production

TECH 260 - Metal Fabrication Processes

TECH 262 - Machine Production Processes

TECH 265 - Basic Manufacturing Processes

TECH 270 - Electrical Fundamentals and Circuit Analysis I

TECH 270A - Electrical Fundamentals and Circuit Analysis Laboratory I

TECH 271 - Electrical Fundamentals and Circuit Analysis II

TECH 271A - Electrical Fundamentals and Circuit Analysis Laboratory II

TECH 276 - Electronics I

TECH 276A - Electronics I Laboratory

TECH 277 - Digital Logic Design

TECH 277A - Digital Logic Design Laboratory

TECH 294 - Technology and Cultural Relevance

TECH 295 - Manufacturing Computer Applications

TECH 302 - Presentation and Communication Skills for Technology

TECH 305 - Green Technologies

TECH 311 - Advanced Computer-Aided Design

TECH 312 - Design Dimensioning and Tolerancing

TECH 313 - Product Design and Development for Manufacturability

TECH 314 - Tool and Die Design

TECH 325 - Programmable Electronic Controllers

TECH 326 - Fluid Power Technology

TECH 342 - Manufacturing Component Design

TECH 344 - Materials and Processes in the Plastics Industry

TECH 345 - Plastic Molding Processes

TECH 362 - Numerical Control Systems

TECH 365 - Metrology

TECH 369 - Strength of Materials

TECH 375 - Control Systems

TECH 376 - Electronics II

TECH 376A - Electronics II Laboratory

TECH 377 - Microcontrollers and Interfacing

TECH 379 - Electric Machines and Transformers

TECH 379A - Electric Machines and Transformers Laboratory

TECH 391 - Industrial Quality Control

TECH 393 - Structure and Properties of Materials

TECH 398 - Individual Problems in Technology

TECH 401 - Ethics in Technology

TECH 402 - Industrial Training and Evaluation

TECH 404 - Supervision in Industry

TECH 406 - Facilities Management Technology

TECH 407 - Maintenance Management Technology

TECH 409 - Internship

TECH 411 - Environmental Sustainability Practices for Industrial Operations

TECH 414 - Computer-Aided Machine Design

TECH 415 - Applied Industrial Experimental Analysis

TECH 416 - Heating, Ventilating and Air Conditioning Technology

TECH 417 - Design for Energy Efficiency and Green Materials

TECH 418 - Bio-based Fuels and Alternative Energy Applications

TECH 419 - Energy Auditing

TECH 423 - Automated Manufacturing Systems

TECH 425 - Advanced Programmable Electronic Controllers

TECH 426 - Electric Systems Applications for Alternative Energy

TECH 427 - Testing Methods, Procedures, and Selection of Sustainable Plastics

TECH 429 - Plant Location, Layout, and Materials Handling

TECH 430 - Microcontroller Systems and Internet of Things

TECH 431 - Industrial Ventilation

TECH 432 - Disaster Preparedness

TECH 433 - Chemical Hazards in Industry

TECH 434 - Human Factors in Industrial Accident Prevention

TECH 435 - Legal Aspects of Safety

TECH 436 - Design and Administration of Environmental Health and Safety Programs

TECH 437 - Fundamentals of Industrial Hygiene

TECH 438 - Safety in Transportation Systems

TECH 440 - Monitoring and Evaluating Exposures to Hazardous Materials

TECH 441 - Hazard Control in Industrial Operations

TECH 442 - Work Simplification and Measurement

TECH 443 - Engineering Economy

TECH 444 - Production Control Systems

TECH 445 - Industrial Energy Utilization and Environmental Impacts

TECH 462 - CNC Production Programming

TECH 468 - Construction Safety Management

TECH 471 - Digital and Data Communication

TECH 472 - Integrated Circuit Devices

TECH 473 - Advanced Digital Design

TECH 475 - Computer Simulation in Electronics

TECH 476 - Industrial Control Electronics

TECH 477 - Engineering Technology Senior Design Project I

TECH 478 - Engineering Technology Senior Design Project II

TECH 479 - Special Topics in Engineering Technology

TECH 481 - Ergonomics

TECH 484 - Energy Management

TECH 485 - Risk Management

TECH 492 - Manufacturing Distribution Applications

TECH 496 - Industrial Project Management

TECH 497 - Workshop in Technology

College of Health and Human Sciences

Beverly Henry, Ph.D., Interim Dean
Michael R. Kushnick, Ph.D., Associate Dean for Academic Affairs
Rachel Gordon, Ph.D., Associate Dean of Research and Administration

The departments and schools of the College of Health and Human Sciences offer baccalaureate programs leading to the degree Bachelor of Science (B.S.). The College of Health and Human Sciences offers a contract major leading to the B.S. degree.

The undergraduate offerings in the College of Health and Human Sciences prepare students for entry into specialized career and professional fields as well as graduate-level study. Some programs require graduate study for career entry at the professional level.

Programs in the College of Health and Human Sciences are affiliated or are in cooperative arrangement with many areas of the community, state and federal agencies, business and industry, and professional organizations. Relationships with these agencies and institutions facilitate mutual information exchange, professional growth, and field and/or internship student experience.

Where appropriate, programs in the college meet the requirements of state and national accrediting agencies. Professionally accredited university undergraduate programs/emphases include medical laboratory sciences (National Accrediting Agency for Clinical Laboratory Sciences); nutrition and dietetics (Commission on Accreditation of Dietetics Educators); nursing (Commission on Collegiate Nursing Education). Other programs in the college are accredited at the graduate level when that is the entry level for the profession.

College Mission Statement

The mission of the College of Health and Human Sciences is to promote health and well-being through scholarship that integrates teaching, research, and service. The vision of the college is to enhance the lives of individuals, families, and communities across the lifespan.

Department/School Names and Undergraduate Programs Offered

School of Allied Health and Communicative Disorders
B.S. in communicative disorders

School of Family and Consumer Sciences
B.S. in hospitality and tourism management
B.S. in human development and family sciences [1]
B.S. in fashion merchandising

School of Health Studies
B.S. in medical laboratory sciences [1]
B.S. in nutrition, dietetics, and wellness
B.S. in public health

School of Interdisciplinary Health Professions
B.S. in health sciences
B.S. in rehabilitation and disability services

Department of Military Science

School of Nursing
B.S. in nursing [1]

Academic Advising

Academic advisers in the college office assist students in establishing academic goals and course selection and in interpreting university and college policies and requirements. At the department level, faculty advisers assist declared majors in degree completion and setting professional goals.

Leave of Absence

Students in limited admission programs in the college who must interrupt their enrollment from NIU must consult with their major department or program regarding a leave of absence. Each program maintains specific policies relative to leave of absence requests.

Clinical and Practicum Assignments

Many of the programs in the college require students to complete an internship or other professional experience. These experiences may be on campus or in off-campus affiliated agencies and institutions. Regulations governing such assignments are available in the department/program offices.

Dean's List Criteria

The College of Health and Human Sciences recognizes undergraduates whose academic performance has been outstanding through the Dean's List. The Dean's List recognizes those students who achieve a GPA of 3.75 or higher (on a 4.00 scale) while completing a minimum of 12 graded semester hours within a fall or spring semester.

Special Clinical/Practicum Requirements

Students who select majors in the College of Health and Human Sciences may need to meet specific clinical/practicum requirements for their academic programs and/or entry into their chosen professions, such as a criminal background check, drug testing, immunizations and flu shots, proof of immunity, TB test, cardiopulmonary resuscitation (CPR) certification, uniforms, and equipment. The student is generally responsible for the costs of meeting these requirements. Professional liability and general liability insurance are generally included as part of course fees when required. Students may be unable to progress in programs if there is a positive drug screen, prior criminal record, or they

do not fulfill other special clinical requirements such as immunizations. Refer to the specific program for additional information on these and other requirements.

For Students in Educator Licensure Programs

Candidates who successfully complete the program and pass the state-mandated Teacher Performance Assessment will have completed all required ISBE and CAEP standards for receiving university recommendation for licensure. Successful completion of the program without receipt of a passing score on the state-mandated Teacher Performance Assessment may result in the candidate receiving a degree without university recommendation for licensure.

Policy on Dismissal

Students must make satisfactory progress in college programs to be allowed to continue and can be dismissed from the program or a class for academic reasons, behavior not accepted in the profession, or actions that threaten the health and safety of others. It is the responsibility of students to secure a copy of the dismissal policy from the program.

Footnotes

[1] This is a limited admissions program, placement in which is highly competitive. See "Limited Admissions Requirements" in the Admission section of this catalog.

Contract Major

Health and Human Sciences Contract Major (B.S.)

Requirements

The College of Health and Human Sciences offers students the opportunity of constructing individualized programs of study which are different from the university's regular major and minor programs. Such an individualized course of study, termed a contract major, utilizes existing university courses and leads to the degree Bachelor of Science (B.S.). To receive the degree, a student must satisfy all university graduation requirements. The requirement of the contract major replaces the requirement of a regular departmental major. (See the section "University Graduation Requirements.")

The contract major program allows a student with unusual and well defined academic interests to design a major with the advice of a faculty sponsor. The program must be logically structured around a meaningful and interesting theme or topic. The student interested in pursuing a contract major should discuss the matter with an adviser in the department offering the majority of the academic work proposed for inclusion in the program. Program proposals should be submitted to the associate dean of the College of Health and Human Sciences and must be approved by the College Contract Major Committee.

The student who wishes to propose a contract major must

- have a cumulative GPA of at least 2.50.
- justify the new curriculum and define the goal to be achieved. The college encourages curricula that are professional in orientation and similar to those offered in accredited programs at other universities.
- design a multidisciplinary program that may be accommodated within existing university resources and facilities. (The program may include internships, independent study, or special projects on or off campus, up to a maximum of 12 semester hours.)
- include in the program at least 50 semester hours of course work comprising courses basic to the area of study. No more than 36 semester hours should be taken in any one disciplinary area; at least 15 semester hours must be committed to disciplines in the College of Health and Human Sciences. These 15 semester hours may be included in the contract or may be in addition to the contract. In either case, none of these hours may also be counted toward the general education requirement.
- earn at least 30 semester hours of the contract major program in upper-division courses.

A student who completes an approved contract major and all other graduation requirements will receive the degree Bachelor of Science with a contract major in _____ (the theme specified in the contract).

The college reserves the right to deny contract majors that overextend the resources of a department.

List of courses

UHHS 101 - Orientation to Health and Human Sciences

UHHS 200 - Experiences in Health and Human Sciences I

UHHS 300 - Experiences in Health and Human Sciences II

UHHS 301 - Independent Study in Health and Human Sciences

UHHS 470 - Workshop in Health and Human Sciences

Allied Health and Communicative Disorders (AHCD, AHPT, COMD)

The School of Allied Health and Communicative Disorders offers a major in communicative disorders (B.S.) and a minor in communicative disorders. Students interested in one of the school's academic programs should contact the college advising office as early as possible. Failure to do so could result in delayed graduation.

Majors in the School of Allied Health and Communicative Disorders who are preparing for professional practice may be dismissed from a program on the basis of either academic deficiencies or nonprofessional performance. Specific criteria

relating to these areas are made known to each student at the time the professional phase of a program is initiated.

Allied Health and Communicative Disorders Faculty

Sherrill R. Morris, Ph.D., University of Kansas, associate professor, chair
Hamid Bateni, Ph.D., McGill University, associate professor
Danica Billingsly, Au.D., Salus University, clinical assistant professor
Mary Jo Blaschak, Ph.D., Northwestern University, associate professor
Dawn Brown, D.P.T., Alabama State University, clinical assistant professor
Milijana Buac, Ph.D., University of Wisconsin-Madison, assistant professor
Anna Cannone, M.A., Northern Illinois University, clinical assistant professor
Mariah Cheyney, Au.D., University of Pittsburgh, clinical assistant professor
King Chung, Ph.D., Northwestern University, professor
Allison Gladfelter, Ph.D., Purdue University, associate professor
In-Sop Kim, Ph.D., Florida State University, associate professor
Blythe Kitner, Au.D., Rush University, clinical assistant professor
Michael Kushnick, Ph.D., Florida State University, associate professor
Robert LeBeau, D. Sc., Texas Tech University, assistant professor
Jamie F. Mayer, Ph.D., Indiana University, associate professor
Deborah McGee, M.A., Northern Illinois University, clinical assistant professor
Sarah O'Connor, M.S., University of North Carolina at Chapel Hill, clinical assistant professor
Janet L. Olson, Ph.D., Northern Illinois University, professor
Emily Palmer, M.A., Northwestern University, clinical assistant professor
Charles Pudrith, Ph.D., Au.D., University of North Carolina, at Greensboro, assistant professor
Lynda Ransdell, Ph.D., Arizona State University, professor
Joy Robackouski, D.P.T., Northern Illinois University, clinical assistant professor
Diane ScheckLong, Au.D., Still University, clinical assistant professor
Matthew J. Wilson, Ph.D., University of Tennessee Health Science Center, associate professor

Majors

Communicative Disorders (B.S.)

Students in this major may combine interests in communicative disorders with preparation for advanced study in fields such as speech-language pathology, audiology, medical sciences, dentistry, physical or occupational therapy, community health, physiology, psychology, linguistics, education, rehabilitation counseling or law.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

A select number of seats in the master's program in communicative disorders with a specialization in speech-language pathology are reserved for incoming freshman University Honors students who meet the stated program criteria. Program criteria and requirements are available from the NIU University Honors Program and the School of Allied Health and Communicative Disorders.

Check departmental information for any additional requirements.

Requirements in School (34-35)

- COMD 220 - Introduction to Communicative Disorders Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Learning Pathway.
- COMD 221 - Phonetics and Phonology Credits: 3
- COMD 300 - Introduction to Audiology Credits: 3
- COMD 305 - Language Development Credits: 3
- COMD 323 - Anatomy and Physiology of the Speech and Hearing Mechanisms Credits: 3
- COMD 325 - Introduction to Hearing and Speech Science Credits: 4
- COMD 330 - Neuroscience of Communication and Associated Behaviors Credits: 3
- COMD 429 - Assessment Procedures in Communicative Disorders Credits: 3
  COMD 429 is a Writing Infused Course.
- COMD 435 - Clinical Procedures and Professional Issues Credits: 3
  COMD 435 is a Writing Infused Course.

Two of the following (6-7)

- AHCD 480 - Internship: Allied Health and Communicative Disorders Credits: 3
- OR GERO 467 - Fieldwork in Gerontology Credits: 3
- AND GERO 467A - Pre-practicum Seminar Credits: 1
- REHB 495 - Assistive Technology in Rehabilitation Credits: 3
- OR SESE 461 - Assistive Technology for Individuals with Autism and Multiple Disabilities Credits: 3
- COMD 421 - Aural Rehabilitation Credits: 3
- COMD 423 - Developmental Speech and Language Disorders Credits: 3
- COMD 424 - Acquired Speech and Language Disorders Credits: 3

Requirements outside School (36-40)

- BIOS 109 - Human Biology Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- OR BIOS 357 - Human Anatomy and Physiology Credits: 5
- ENGL 207 - Fundamentals of English Grammar Credits: 3
- EPS 300 - Educational Psychology Credits: 3
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Learning Pathway.
- HSCI 318 - Medical Terminology Credits: 3
- MATH 210 - Finite Mathematics Credits: 3
  Available for general education credit.
- OR MATH 155 - Trigonometry and Elementary Functions Credits: 3
  Available for general education credit.
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.
- PSYC 225 - Lifespan Development: Childhood Through Adulthood Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Learning Pathway.
- REHB 200 - Disability in Society Credits: 3
  Available for general education credit.
  REHB 200 fulfills the Human Diversity Requirement.
- REHB 493 - Counseling in Rehabilitation Services Credits: 3
- STAT 100 - Basic Statistics Credits: 3
  Available for general education credit.
- OR STAT 200 - Elementary Statistics Credits: 4

One of the following (3)

- COMD 366X - Health Aspects of Aging Credits: 3
- HDFS 486 - Aging and the Family Credits: 3
- PSYC 425 - Adult Development and Aging Credits: 3
- GERO 365 - Overview of Gerontology Credits: 3

One of the following (3-4)

The following courses are available for general education credit.

- PHYS 150 - Physics Credits: 3
- PHYS 180 - Acoustics, Music, and Hearing Credits: 3
- PHYS 210 - General Physics I Credits: 4

Special Requirement

Students are required to complete a minor selected with program approval.

Total Hours for a Major in Communicative Disorders: 70-75

Minor

Minor in Communicative Disorders (18)

Check departmental information for any additional requirements.

Requirements (18)

- COMD 220 - Introduction to Communicative Disorders Credits: 3
  Available for general education credit.
  This is a society and cultue general education course for the Learning Pathway.

Other requirements

Six or more semester hours in the minor must be taken at NIU.

Electives in communicative disorders and/or rehabilitation services chosen from the following: (15)

- COMD 221 - Phonetics and Phonology Credits: 3
- COMD 300 - Introduction to Audiology Credits: 3
- COMD 305 - Language Development Credits: 3
- COMD 323 - Anatomy and Physiology of the Speech and Hearing Mechanisms Credits: 3
- COMD 325 - Introduction to Hearing and Speech Science Credits: 4
- COMD 330 - Neuroscience of Communication and Associated Behaviors Credits: 3
- COMD 421 - Aural Rehabilitation Credits: 3
- COMD 423 - Developmental Speech and Language Disorders Credits: 3
- COMD 424 - Acquired Speech and Language Disorders Credits: 3

List of courses

AHCD 444 - Independent Study in Health Sciences

AHCD 480 - Internship: Allied Health and Communicative Disorders

AHCD 490 - Senior Seminar

AHCD 494 - Workshop in Allied Health and Communicative Disorders

AHCD 498 - Tutorial in Allied Health and Communicative Disorders

AHCD 499 - Honors Capstone Project

AHPT 405 - Physical Therapy and the Rehabilitation Process

COMD 220 - Introduction to Communicative Disorders

COMD 221 - Phonetics and Phonology

COMD 300 - Introduction to Audiology

COMD 301 - Hearing Conversation

COMD 305 - Language Development

COMD 323 - Anatomy and Physiology of the Speech and Hearing Mechanisms

COMD 325 - Introduction to Hearing and Speech Science

COMD 330 - Neuroscience of Communication and Associated Behaviors

COMD 366X - Health Aspects of Aging

COMD 421 - Aural Rehabilitation

COMD 423 - Developmental Speech and Language Disorders

COMD 424 - Acquired Speech and Language Disorders

COMD 429 - Assessment Procedures in Communicative Disorders

COMD 435 - Clinical Procedures and Professional Issues

Family and Consumer Sciences (FACS, FSMD, GERO, HDFS, HOSP)

The School of Family and Consumer Sciences prepares professionals who support families and individuals in meeting their basic human needs. The programs are based on an interdisciplinary approach, drawing on the behavioral sciences, natural sciences, and the humanities. Students learn theories and their application to professions in nonprofit organizations, private practice, government, education, and business. Graduates have the necessary foundation for a career as well as further study.

School Requirement

The student must be in good standing at NIU to declare a major or premajor in the School of Family and Consumer Sciences.

Policy on Dismissal

University policy requires that students be informed of the possibility of being dismissed from practicums, internships, and early field experiences. In the School of Family and Consumer Sciences, such a possibility exists in FSMD 356, FSMD 474, HDFS 293, HDFS 294, HDFS 393, HDFS 394, HDFS 398, HDFS 491, HDFS 490, HDFS 493, HOSP 296, HOSP 495, HOSP 396. A statement of grounds for dismissal is available from the coordinator of each internship.

The School of Family and Consumer Sciences standards committee may review a student who displays behavior that threatens the health and/or safety of others in settings such as a major class, practicum, internship, or school-related activity.

Recommendation

Students who plan to major in a program offered by the School of Family and Consumer Sciences should take chemistry and biology in high school.

Minors

Prospective minors should consult with the school's undergraduate academic adviser so the school may plan to accommodate students in required courses. These minors are not open to students majoring in a program offered by the School of Family and Consumer Sciences.

Family and Consumer Sciences Faculty

Thomas Pavkov, Ph.D., Northwestern University, professor, chair
Julie Boggess. MPA, Roosevelt University, interim director of gerontology
Susan P. Bowers, Ph.D., Ohio State University, associate professor
Sarah L. Cosbey, Ph.D., Iowa State University, associate professor
DeAnna Harris-McKoy, Ph.D., Florida
State University, associate professor and program director for SMFT program
Lindsey Hawkins, Ph.D., Texas Tech University, assistant professor
Kristina Hayward, M.S., Northern Illinois University, instructor and CDFC Master Teacher
Hyun-Mee Joung, Ph.D., Iowa State University, associate professor
Lan Li, Ph.D., Virginia Polytechnic Institute and State University, professor
Xiaohui (Sophie) Li, Ph.D., University of Minnesota, Twin Cities, associate professor
Amy Lofthouse, M.S., Northern Illinois University, associate director of CDFC and director of Preschool for All Expansion Program
MaryAnn Lorenz, M.F.A, Academy of Art University, clinical assistant professor
Yujun Liu, Ph.D., Virginia Tech, assistant professor
Bette Montgomery, Ph.D., University of Wisconsin, associate professor
Eunha Myung, Ph.D., University of Nevada-Las Vegas, professor
Sherri Newman, M.S., Northern Illinois University, instructor and CDFC Master Teacher
Jane Rose Njue, Ph.D., Iowa State University, associate professor
Dahlia Roman, M.S.W., Aurora University, instructor and associate director Northern Illinois Simulation and Learning Center
Ecila Scaife, B.S., Northern Illinois University, instructor and CDFC Master Teacher
Kristin Schulz, M.S., Northern Illinois University, executive director of CDFC
Lin Shi, Ph.D., Texas Tech University, professor

D. Scott Sibley, Ph.D., Kansas State University, associate professor
Florensia Surjadi, Ph.D., Iowa State University, associate professor
Natalia Vinokur, M.S., Northern Illinois University, director of CFTC
Melissa Walter, Ph.D., Iowa State, assistant professor
Charline Xie, Ph.D., University of Nebraska at Lincoln, professor

Majors

Fashion Merchandising (B.S.)

This program is designed to prepare students to enter fashion merchandising positions in the apparel and textile industry. These positions include various aspects of design, purchasing, distribution, quality control, and promotion of fashion products. The program provides students with product knowledge of textiles and apparel as well as an understanding of socioeconomic influences and business skills relevant to merchandising fashion products.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Requirements in School (39-43)

- FSMD 152 - Textiles Credits: 3
- FSMD 258 - Introduction to the Fashion Industry Credits: 3
- FSMD 262 - Design Trends in Western Costume Credits: 3
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- FSMD 272 - Merchandising Promotion Credits: 3
- FSMD 347 - Professional Development for Fashion Merchandising Credits: 3
  FSMD 347 is a Writing Infused Course.
- FSMD 353 - Apparel Products Analysis Credits: 3
- FSMD 355 - Merchandising Mathematics Credits: 3
- FSMD 458 - Omni-Channel Fashion Retailing Credits: 3
- FSMD 466 - Economics of Apparel and Textile Industries Credits: 3
  FSMD 466 is a Writing Infused Course.
- FSMD 468 - Consumer Behavior Related to Apparel Credits: 3
- FSMD 474 - Fashion Merchandising Internship Credits: 7
- OR FSMD 356 - Cooperative Education for Fashion Merchandising Credits: 3

Two of the following (6)

- FACS 450 - Workshop in Family and Consumer Sciences Credits: 1-3
  Students must take 3 semester hours in this course.
  When topic is related to fashion merchandising.
- FSMD 369 - Fashion Design and Illustration Credits: 3
- FSMD 456 - Apparel Product Development Credits: 3
- FSMD 464 - Social Psychology of Dress and Appearance Credits: 3
  FSMD 464 is a writing infused course.
  FSMD 464 also fulfills the Human Diversity Requirement.
- FSMD 469 - Computer-Aided Fashion Design Credits: 3
- FSMD 471 - Advanced Buying and Sourcing in the Fashion Industry Credits: 3
- FSMD 472 - Fashion Forecasting Credits: 3

Requirements outside School (34-35)

- ACCY 288 - Fundamentals of Accounting Credits: 3
- ART 102 - 2-D Foundation Credits: 3
- OR ARTH 282 - Introduction to World Art Credits: 3. Available for general education credit. This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- CHEM 110 - Chemistry Credits: 3
  Available for general education credit.
- CHEM 111 - Chemistry Laboratory Credits: 1
  Available for general education credit.
- ECON 260 - Principles of Microeconomics Credits: 3
  Available for general education credit.
- MATH 210 - Finite Mathematics Credits: 3
  Available for general education credit.
- OR MATH 211 - Calculus for Business and Social Science Credits: 4
  Available for general education credit.
- OR MATH 229 - Calculus I Credits: 4
  Available for general education credit.
- MGMT 333 - Principles of Management Credits: 3
- MKTG 295 - Principles of Marketing Credits: 3
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.
- SOCI 170 - Introduction to Sociology Credits: 3
  Available for general education credit.
- STAT 100 - Basic Statistics Credits: 3
  Available for general education credit.
- OR UBUS 223 - Introduction to Business Statistics Credits: 3

One of the following (3)

- FSMD 365X - Principles of Retailing Credits: 3
- OR MKTG 365 - Principles of Retailing Credits: 3
- FINA 320 - Principles of Finance Credits: 3
- MKTG 350 - Principles of Selling Credits: 3

- MKTG 370 - Principles of Digital Marketing Credits: 3
- MKTG 425 - Services Marketing Credits: 3
- MKTG 448 - Integrated Marketing Communications Credits: 3
- MKTG 464 - Product Planning and Development Credits: 3

Total Hours for a Major in Fashion Merchandising: 73-78

Special Requirements

Students must earn a grade of C or better in FSMD 152 and FSMD 258 before they can enroll in any FSMD course requiring either FSMD 152 or FSMD 258 as a prerequisite or in any fashion merchandising elective or 400-level course.

The application for admission to FSMD 474 is due the Friday of the third week of March prior to summer session enrollment.

Attendance at the course orientation meeting the semester prior to enrollment is required for FSMD 356 and FSMD 474.

B.S. in Fashion Merchandising Degree Completion Program

This program is designed to facilitate completion of the B. S. in Fashion Merchandising for individuals holding an AAS in Fashion Merchandising or related degree. To receive the B. S. degree, a student must satisfy all university graduation requirements and major requirements. Students in this program are exempt from the 30 semester hour university residence requirement.

Those interested in the B. S. degree completion program in Fashion Merchandising should contact a program adviser for a pre-admission advising meeting, where coursework to be completed at the A.A.S. degree institution as well as at NIU will be confirmed. Contingent upon the curriculum of the individual A.A.S. degree institution, students may receive proficiency credit for the following Fashion Merchandising major course work: FSMD 152, FSMD 258, FSMD 262, FSMD 272.

Additional proficiency credit may be awarded as determined at the pre-admission advising session, to be posted upon completion of degree requirements. Students must complete 30 semester hours at NIU, excluding proficiency credit. In this completion program, students are exempt from the 30 semester hour residency requirement.

Hospitality and Tourism Management (B.S.)

The mission of the Hospitality and Tourism Management major is to prepare graduates with the foundational knowledge, demonstrated skills, and professional attitudes required in the field of Hospitality and Tourism Management. Graduates from this program are prepared for entry-level management positions and advanced study in hospitality and tourism management.

It is highly recommended that students see their advisers to plan their sequence of courses.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for additional requirements.

Special Requirements

Clinical requirements (HERE) requirements must be completed prior to enrolling in HOSP 320. Students must earn a grade of C or better in FACS prerequisite courses before they can enroll in any successive FACS course to meet the requirements for the hospitality and tourism management major.

Liability insurance for internships is provided through a course fee.

Requirements in School (56-57)

- HOSP 202 - Introduction to the Hospitality Industry Credits: 3
- HOSP 301 - Career Planning in the Hospitality Industry Credits: 2
  HOSP 301 is a writing infused course.
- HOSP 316 - Hospitality Service Credits: 3
- HOSP 319 - Foundations of Tourism Credits: 3
- HOSP 320 - Quantity Food Production Credits: 4
- HOSP 418 - Managing Human Resources in the Hospitality Industry Credits: 3
- HOSP 425 - Hospitality Management Credits: 3
- HOSP 426 - Strategic Management in the Hospitality Industry Credits: 3
  HOSP 426 is a writing infused course.
- HOSP 430 - Data Analysis for the Hospitality Industry Credits: 3
- HOSP 491 - Leadership Seminar in Hospitality and Tourism Credits: 2
  HOSP 491 fulfills the Human Diversity Requirement.
- HOSP 492 - Distinguished Speaker Series Credits: 1
  Student may take 1-2 semester hours in this course.
- HOSP 495 - Internship in Hospitality Management Credits: 1-15
  Students must take 8 semester hours in this course.

Select three of the following (8-9) in consultation with adviser:

- FINA 320 - Principles of Finance Credits: 3
- HOSP 206 - Culinary Fundamentals Credits: 2

- HOSP 303 - Hospitality Law Credits: 3
- HOSP 315 - Casino and Gaming Management Credits: 3
- HOSP 427 - Catering Operations Practicum Credits: 3
- MKTG 325 - Buyer Behavior Credits: 3
- MKTG 350 - Principles of Selling Credits: 3
- MKTG 425 - Services Marketing Credits: 3
- NUTR 424 - Cultural and National Food Patterns Credits: 3
- OMIS 259 - Introduction to Business Information Systems Credits: 3
  OMIS 259 is available for general education credit.
- OMIS 338 - Principles of Operations Management Credits: 3

Select one of the following areas of study:

Hotel Management (9)

- HOSP 302 - Lodging Operations Credits: 3
- HOSP 314 - Hospitality Facility Management Credits: 3
- HOSP 411 - Yield Management in the Hospitality Industry Credits: 3

Restaurant, Meeting, and Event Management (9)

- HOSP 304 - Food and Beverage Operations Credits: 3
- HOSP 413 - Meeting, Event, and Convention Management Credits: 3
- HOSP 417 - Trade Show and Exhibition Management Credits: 3

Requirements outside School (24-26)

- ACCY 206 - Introductory Financial Accounting Credits: 3
- OR ACCY 288 - Fundamentals of Accounting Credits: 3
- ECON 260 - Principles of Microeconomics Credits: 3
  Available for general education credit.
- MATH 210 - Finite Mathematics Credits: 3
  Available for general education credit.
- OR MATH 211 - Calculus for Business and Social Science Credits: 4
  Available for general education credit.
- MGMT 217 - Legal Environment of Business Credits: 3
- MGMT 333 - Principles of Management Credits: 3
- MKTG 295 - Principles of Marketing Credits: 3
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.
- STAT 200 - Elementary Statistics Credits: 4
- OR STAT 100 - Basic Statistics Credits: 3
  Available for general education credit.
- OR UBUS 223 - Introduction to Business Statistics Credits: 3

Total Hours for a Major in Hospitality and Tourism Management: 80-83

B. S. Degree Completion Program in Hospitality and Tourism Management

The focus of this program is baccalaureate-level education for Hospitality and Tourism Management. This degree program is uniquely designed for individuals who have finished their A.A.S. (Associate in Applied Science) in Hospitality Management or related degree. The degree program is offered primarily online.

To receive the degree, a student must satisfy all university graduation requirements and must have completed an applied associate degree (A.A.S.).

Students interested in the B.S. degree completion program in Hospitality and Tourism Management should contact a program adviser for a preadmission interview and course counseling session. Upon completion of the preadmission interview and admission to NIU, proficiency credit may be awarded for HOSP 202, HOSP 302, HOSP 303, HOSP 304, HOSP 316, HOSP 319, HOSP 320., HOSP 413, HOSP 418, and HOSP 425. These proficiency credits will be held in escrow and be awarded during the last semester prior to degree completion.

Students must complete 30 semester hours at NIU, excluding proficiency credit. In this completion program, students are exempt from the 30-semester-hour residency requirement.

Human Development and Family Sciences, Comprehensive Major (B.S.)

All emphases in this major have an applied as well as a theoretical orientation. The major emphasizes a developmental life-span approach to individual and family change. The influence of family relations, prevention, and wellness on one another is the guiding principle in all programs.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Limited Retention Requirements for Human Development and Family Sciences

All students will enter Human Development and Family Sciences as a major with one of three emphases: Family Relations, Prevention, and Wellness, Child Development, or Family Social Services.

In order to continue enrollment in Family Social Services or Child Development, students must maintain a 2.40 cumulative NIU GPA after a total of 45 post-secondary semester hours earned and a grade of C or better in the following courses:

- ENGL 203 - Rhetoric and Composition II, Researched Writing in the Domains Credits: 3
- OR ENGL 204 - Rhetoric and Composition, Accelerated Researched Writing in the Domains Credits: 3
- OR pass the English foundational studies exam
- MATH 110 - College Algebra Credits: 3
- OR MATH 104 - Supplemental Review for College Algebra Credits: 1
- AND MATH 105 - College Algebra with Review Credits: 3
- OR STAT 100 - Basic Statistics Credits: 3
- OR meet the Math foundational studies (MATH 101, MATH 155, MATH 201, MATH 210, A.S. or A.A. degree)
- PSYC 102 - Introduction to Psychology Credits: 3
- SOCI 170 - Introduction to Sociology Credits: 3
- HDFS 230 - Child Development Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Learning Pathway.
- OR EPS 307 - Development of the Adolescent Credits: 3 (for family social services only)
  Available for general education credit.
  This is a society and culture general education course for the Learning Pathway.
- HDFS 280 - Human Development, the Family, and Society Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- HDFS 284 - Introduction to Family Relationships Credits: 3

In addition:

Additionally, Child Development or Family Social Services majors beyond 45 post-secondary semester hours, students must maintain a 2.40 NIU GPA and obtain a grade of C or better in the following courses:

Child Development

- HDFS 330 - Principles of Guiding Young Children Credits: 3
- HDFS 331 - Inclusive Program Planning for Infants, Toddlers, and Their Parents Credits: 3
- HDFS 332 - Inclusive Program Planning for Children 3-8 Years of Age and Their Parents Credits: 3
- HDFS 399 - Professional Orientation: Issue and Trends in Working with Young Children and Their Families Credits: 3
- HDFS 490 - Practicum in Infant and Child Development Laboratories Credits: 1-9
  Students must complete 9 semester hours in this course.

Family Social Services

- HDFS 382 - Group Process and Personal and Family Functioning Credits: 3
- HDFS 383 - Clinical Applications in Family Social Services Credits: 3
- HDFS 481 - Professional Practices in Family Social Services Credits: 3
- HDFS 491 - Internship in Family Social Services Credits: 7-12

Note:

Students not meeting these requirements will be changed to Emphasis 1: Family Relations, Prevention, and Wellness.

Emphasis 1. Family Relations, Prevention, and Wellness

This emphasis provides career enhancement for students who have prior work experience with individuals and/or families, or who plan to pursue a career in secondary education, or higher education in human development and family sciences and related fields. It is recommended as preparation for advanced degrees in related fields with a research rather than a service focus.

Requirements in School (42)

- HDFS 180 - Personal Development and the Family Credits: 3
- HDFS 207 - The Consumer Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Sustainability Pathway.
- OR NUTR 201 - Human Nutrition Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- OR NUTR 405 - Child Health and Nutrition Credits: 3

- OR PHHE 406 - Dimensions of Human Sexuality Credits: 3
- HDFS 230 - Child Development Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Learning Pathway.
- HDFS 280 - Human Development, the Family, and Society Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- HDFS 284 - Introduction to Family Relationships Credits: 3
- HDFS 343 - Family Financial Planning Credits: 3
- HDFS 384 - Asian American Families Credits: 3
  HDFS 384 also fulfills the Human Diversity Requirement.
- OR HDFS 488 - Working with Ethnically Diverse Children and Families in the U.S. Credits: 3
  HDFS 488 also fulfills the Human Diversity Requirement.
- HDFS 445 - Management of Human and Family Resources Credits: 3
  HDFS 445 is a Writing Infused Course.
- HDFS 477 - Domestic Violence and Trauma in the Family Credits: 3
- HDFS 483 - Social Policy, Children and Families Credits: 3
- HDFS 484 - Family Theories Credits: 3
  HDFS 484 is a writing infused course.

Sub-emphasis 1: Financial Wellness Counseling (9)

- HDFS 344 - Financial Counseling and Consumer Credit Credits: 3
- GERO 415 - Financial Dimensions of Aging and the Family Credits: 3

Pick one of the following:

- HDFS 485 - Methodology in Family Life Education Credits: 3
- HDFS 487 - Overview of Marriage and Family Therapy Credits: 3
- OR COUN 400 - Exploration in the Counseling Profession Credits: 3

Sub-emphasis 2: Family Resiliency and Prevention (9)

Pick one of the following:

- GERO 442 - Gerontology: Community Services Credits: 3
- HDFS 438 - Parent Education Credits: 3
- HDFS 485 - Methodology in Family Life Education Credits: 3

Pick two of the following:

- HDFS 437 - Parent-Child Interaction Credits: 3
- HDFS 441 - Infant and Child Mental Health and Resiliency Credits: 3
- HDFS 482 - Child Abuse and Neglect Credits: 3
  HDFS 482 is a Writing Infused Course.
- HDFS 487 - Overview of Marriage and Family Therapy Credits: 3

Sub-emphasis 3: Family Relations Over the Life Span (9)

One of the following (3):

- HDFS 432 - Theories of Child Development Credits: 3
  HDFS 432 is a Writing Infused Course.
- HDFS 439 - Infant Development in the Family: Typical and Atypical Credits: 3
- HDFS 440 - Therapeutic Play Credits: 3

One of the following (3):

- HDFS 398 - Cooperative Education for Family and Individual Development Credits: 3
- HDFS 437 - Parent-Child Interaction Credits: 3
- HDFS 482 - Child Abuse and Neglect Credits: 3
  HDFS 482 is a Writing Infused Course.
- HDFS 485 - Methodology in Family Life Education Credits: 3
- HDFS 487 - Overview of Marriage and Family Therapy Credits: 3

One of the following (3):

- GERO 365 - Overview of Gerontology Credits: 3
- HDFS 486 - Aging and the Family Credits: 3

Requirements outside School (21-23)

- EPS 307 - Development of the Adolescent Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Learning Pathway.
- OR NUTR 405 - Child Health and Nutrition Credits: 3
- OR PSYC 466 - Diversity and the Adolescent Experience Credits: 3
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.
- SOCI 170 - Introduction to Sociology Credits: 3
  Available for general education credit.
- SOCI 260 - Introduction to Social Psychology Credits: 3

Available for general education credit.

- OR PSYC 372 - Social Psychology Credits: 3
- OR WGSS 350 - Lesbian, Gay, Bisexual, and Transgender Studies Credits: 3
- OR BKST 200 - Racism in American Culture and Society Credits: 3
- STAT 100 - Basic Statistics Credits: 3
  Available for general education credit.
- OR STAT 200 - Elementary Statistics Credits: 4
- HSCI 460 - Research in Health and Human Sciences Credits: 3
  HSCI 460 is a writing infused course
- OR PSYC 305 - Research Methods Credits: 3

One of the following (3-4)

- ENGL 350 - Writing across the Curriculum Credits: 3
  ENGL 350 is a writing infused course.
- HSCI 350 - Critical Thinking for Health and Human Services Professionals Credits: 3
- MATH 155 - Trigonometry and Elementary Functions Credits: 3
  Available for general education credit.
- MATH 210 - Finite Mathematics Credits: 3
  Available for general education credit.
- MATH 211 - Calculus for Business and Social Science Credits: 4
  Available for general education credit.
- MATH 229 - Calculus I Credits: 4
  Available for general education credit.
- PHIL 105 - Logic and Critical Reasoning Credits: 3
  Available for general education credit.

Total Hours for Emphasis 1, Family Relations, Prevention, and Wellness: 63-65

Special Requirements

Prior to enrolling in HDFS 398, the following must be completed:

- fingerprint-based criminal background check;
- completed application required to meet posted deadlines

Professional liability insurance is provided through a course fee.

Emphasis 2. Family Social Services

This emphasis is intended for students who seek entry-level employment in family service, family life education, mental health, or community welfare agencies which serve primarily older children, adolescents, adults, couples, and/or the elderly. It is recommended as preparation for advanced degrees in social work, human development and family sciences, marriage and family therapy, and related fields.

Requirements in School (52-55)

- HDFS 180 - Personal Development and the Family Credits: 3
- HDFS 207 - The Consumer Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Sustainability Pathway.
- OR NUTR 201 - Human Nutrition Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- OR NUTR 405 - Child Health and Nutrition Credits: 3
- OR PHHE 406 - Dimensions of Human Sexuality Credits: 3
- HDFS 230 - Child Development Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Learning Pathway.
- OR EPS 307 - Development of the Adolescent Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Learning Pathway.
- HDFS 280 - Human Development, the Family, and Society Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- HDFS 284 - Introduction to Family Relationships Credits: 3
- HDFS 343 - Family Financial Planning Credits: 3
- HDFS 382 - Group Process and Personal and Family Functioning Credits: 3
- HDFS 383 - Clinical Applications in Family Social Services Credits: 3
- HDFS 445 - Management of Human and Family Resources Credits: 3
  HDFS 445 is a Writing Infused Course.
- HDFS 477 - Domestic Violence and Trauma in the Family Credits: 3
- HDFS 481 - Professional Practices in Family Social Services Credits: 3
- HDFS 484 - Family Theories Credits: 3
  HDFS 484 is a Writing Infused Course.
- HDFS 491 - Internship in Family Social Services Credits: 7-12
  Students must take 7 semester hours in this course

Select one of the following areas of study:

Child Welfare Services (9)

- HDFS 478 - Child Welfare Foundations Credits: 3
- HDFS 482 - Child Abuse and Neglect Credits: 3
  HDFS 482 is a Writing Infused Course.
- HDFS 488 - Working with Ethnically Diverse Children and Families in the U.S. Credits: 3
  HDFS 488 fulfills the Human Diversity Requirement.

Prevention and Intervention with Family (12)

- HDFS 438 - Parent Education Credits: 3
- HDFS 485 - Methodology in Family Life Education Credits: 3
- HDFS 488 - Working with Ethnically Diverse Children and Families in the U.S. Credits: 3
  HDFS 488 fulfills the Human Diversity Requirement.
- OR HDFS 384 - Asian American Families Credits: 3
  HDFS 384 fulfills the Human Diversity Requirement.

One of the following (3)

- HDFS 482 - Child Abuse and Neglect Credits: 3
  HDFS 482 is a Writing Infused Course.
- HDFS 483 - Social Policy, Children and Families Credits: 3
- HDFS 486 - Aging and the Family Credits: 3
- HDFS 487 - Overview of Marriage and Family Therapy Credits: 3
- PSYC 316 - Introduction to Psychopathology Credits: 3

Leadership and Policy Studies (12)

- HDFS 488 - Working with Ethnically Diverse Children and Families in the U.S. Credits: 3
  HDFS 488 fulfills the Human Diversity Requirement.
- OR HDFS 384 - Asian American Families Credits: 3
  HDFS 384 fulfills the Human Diversity Requirement.
- HDFS 483 - Social Policy, Children and Families Credits: 3
- HSCI 450 - Administration for Professionals in Health and Human Sciences Credits: 3
- OR HSCI 455 - Management of Financial Resources in Health and Human Sciences Organizations Credits: 3
- OR POLS 326 - Nonprofit Management Credits: 3
- OR POLS 330 - Bureaucracy and the Public Policy Process Credits: 3

One of the following (3)

- GERO 418 - Social Policy and Advocacy in Aging Credits: 3
- HDFS 438 - Parent Education Credits: 3
- HDFS 482 - Child Abuse and Neglect Credits: 3
  HDFS 482 is a Writing Infused Course.
- HDFS 485 - Methodology in Family Life Education Credits: 3
- HDFS 486 - Aging and the Family Credits: 3
- PSYC 316 - Introduction to Psychopathology Credits: 3

Requirements outside School (15-17)

- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.
- SOCI 170 - Introduction to Sociology Credits: 3
  (Available for general education credit.)
- SOCI 260 - Introduction to Social Psychology Credits: 3
  Available for general education credit.
- OR PSYC 372 - Social Psychology Credits: 3
- STAT 100 - Basic Statistics Credits: 3
  Available for general education credit.
- OR STAT 200 - Elementary Statistics Credits: 4

One of the following (3-4)

- ENGL 350 - Writing across the Curriculum Credits: 3
  ENGL 350 is a writing infused course.
- HSCI 350 - Critical Thinking for Health and Human Services Professionals Credits: 3
- MATH 155 - Trigonometry and Elementary Functions Credits: 3
  Available for general education credit.
- MATH 210 - Finite Mathematics Credits: 3
  Available for general education credit.
- MATH 211 - Calculus for Business and Social Science Credits: 4
  Available for general education credit.
- MATH 229 - Calculus I Credits: 4
  Available for general education credit.
- PHIL 105 - Logic and Critical Reasoning Credits: 3
  Available for general education credit.
- PSYC 305 - Research Methods Credits: 3

Total Hours for Emphasis 2, Family Social Services: 67-72

Special Requirements

Complete a total of 100 certified hours of approved community service, at least 50 hours completed prior to enrolling in HDFS 383 and the balance completed prior to enrolling in HDFS 491. Prior to registering for HDFS 491, NIU must have a signed affiliation agreement with the agency where the student will be serving their internship.

A grade of C or better in HDFS 180 is a prerequisite for enrolling in HDFS 382, a grade of C or better in HDFS 382 is a prerequisite for enrollment in HDFS 383. Prerequisites for enrollment in the internship HDFS 491 are an overall GPA of at least 2.40 in NIU course work at the time of application for the internship, completion of HDFS 180, HDFS 382, HDFS

383, and HDFS 481 with a grade of C or better, and consent of the school. Professional liability insurance is provided through a course fee. Application is required in September for internships during the following spring and summer terms. In the semester prior to enrollment in HDFS 491, students are required to attend monthly meetings. Students must complete HDFS 491 with a grade of C or better.

To qualify for the Family Social Services (FSS) and the Certified Family Life Education internship, students must pass a criminal background check that is conducted through the College of Health and Human Sciences. However, students are responsible for the cost of this background check. Background check must be completed by November 15 for spring internships and April 15 for summer internships. Students are also requested to read the information supplied on each link on the following web page Clinical/Special Requirements - NIU - Family and Consumer Sciences to know more about the process.

Students not meeting the requirements for entry into the internship may, with the consent of the school, change to Emphasis 1: Family Relations, Prevention, and Wellness, in order to complete graduation requirements.

B.S. Completion in Emphasis 2

This completion program is limited to students with an Applied Associate of Science degree in human development and family studies from City Colleges of Chicago. Upon successful completion at NIU of at least 7 semester hours of HDFS 491 with a grade of C or better, the student will receive a total of 9 semester hours credit for: HDFS 488, HDFS 491 and one 3 credit upper division elective. The required community service hours will be waived for students who have completed an Associates of Applied Science in Human Development & Family Studies from the City Colleges of Chicago. Graduates of other community colleges with similar programs can petition the School of Family and Consumer Sciences for a review of their transcripts.

Emphasis 3. Child Development

This emphasis provides preparation for professionals who serve infants, toddlers, and young children and their parents in parent-child programs both home- and community-based, in programs for parents and expectant parents, in child-life, early intervention, and early childhood education programs, and in leadership/ advocacy positions. With this preparation, graduates are qualified to apply for an Early Childhood Core Credential Level V, the Infant/Toddler Credential Level V, the Illinois Director Credential Level II, and an Early Intervention Developmental Therapist credential. Students can apply for the first three credentials by contacting the Illinois Network of Child Care Resource & Referral Agencies. Students can apply for the fourth credential by contacting Provider Connections. Students interested in the Illinois Director Credential must take: HDFS 434, HDFS 438, HDFS 445, and HDFS 483. The Child Development Emphasis is recommended as preparation for advanced degrees in child development, human development and family sciences, and related fields.

Requirements in School (52-64)

- HDFS 230 - Child Development Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Learning Pathway.
- HDFS 231 - An Observational Approach to the Study and Assessment of Young Children Credits: 3
- HDFS 280 - Human Development, the Family, and Society Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- HDFS 284 - Introduction to Family Relationships Credits: 3
- HDFS 330 - Principles of Guiding Young Children Credits: 3
- HDFS 330A - Lab Experience in Principles of Guiding Young Children Credits: 1
- HDFS 331 - Inclusive Program Planning for Infants, Toddlers, and Their Parents Credits: 3
- HDFS 331A - Lab Experience in Inclusive Program Planning for Infants, Toddlers, and Their Parents Credits: 1
- HDFS 332 - Inclusive Program Planning for Children 3-8 Years of Age and Their Parents Credits: 3
- HDFS 332A - Lab Experience in Inclusive Program Planning for Children 3-8 Years of Age and Their Parents Credits: 1
- HDFS 384 - Asian American Families Credits: 3
  HDFS 384 fulfills the Human Diversity Requirement.
- OR HDFS 488 - Working with Ethnically Diverse Children and Families in the U.S. Credits: 3
  HDFS 488 fulfills the Human Diversity Requirement.
- HDFS 399 - Professional Orientation: Issue and Trends in Working with Young Children and Their Families Credits: 3
- HDFS 432 - Theories of Child Development Credits: 3
  HDFS 432 is a Writing Infused Course.
- HDFS 482 - Child Abuse and Neglect Credits: 3
  HDFS 482 is a Writing Infused Course.
- HDFS 490 - Practicum in Infant and Child Development Laboratories Credits: 1-9
  Students must complete 9 semester hours in this course.

One of the following areas of study (9-18)

Parent/Infant Specialist (9)

- HDFS 437 - Parent-Child Interaction Credits: 3
- HDFS 439 - Infant Development in the Family: Typical and Atypical Credits: 3

- HDFS 441 - Infant and Child Mental Health and Resiliency Credits: 3

Child Life Specialist (18)

- HDFS 433 - Introduction to Child Life Theory and Practice Credits: 3
- HDFS 439 - Infant Development in the Family: Typical and Atypical Credits: 3
- HDFS 440 - Therapeutic Play Credits: 3
- HSCI 460 - Research in Health and Human Sciences Credits: 3
  HSCI 460 is a writing infused course.
- PHHE 410 - Coping with Death, Dying, and Loss Credits: 3

A minimum of 3 credits from the following (3)

- EPS 307 - Development of the Adolescent Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Learning Pathway.
- HSCI 318 - Medical Terminology Credits: 3
- NUTR 405 - Child Health and Nutrition Credits: 3
- HDFS 393 - Cooperative Education II for Child Development Credits: 1-3

Leadership Studies (9-12)

- HDFS 434 - Administration and Supervision of Quality Programs for Young Children from Diverse Backgrounds Credits: 3
- HDFS 438 - Parent Education Credits: 3
- HDFS 483 - Social Policy, Children and Families Credits: 3
- OR HDFS 445 - Management of Human and Family Resources Credits: 3
  HDFS 445 is a Writing Infused Course.
- OR HDFS 494 - Practicum in Administration of Quality Programs for Young Children Credits: 5-6
- OR NUTR 405 - Child Health and Nutrition Credits: 3

Requirements outside School (15-16)

- BIOS 103 - General Biology Credits: 3
  Available for general education credit.
- OR BIOS 109 - Human Biology Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.
- SOCI 170 - Introduction to Sociology Credits: 3
  Available for general education credit.
- STAT 100 - Basic Statistics Credits: 3
  Available for general education credit.

One of the following (3-4)

- ENGL 350 - Writing across the Curriculum Credits: 3
  ENGL 350 is a writing infused course.
- HSCI 350 - Critical Thinking for Health and Human Services Professionals Credits: 3
- MATH 155 - Trigonometry and Elementary Functions Credits: 3
  Available for general education credit.
- MATH 201 - Foundations of Elementary School Mathematics Credits: 3
  Available for general education credit.
- MATH 210 - Finite Mathematics Credits: 3
  Available for general education credit.
- MATH 211 - Calculus for Business and Social Science Credits: 4
  Available for general education credit.
- MATH 229 - Calculus I Credits: 4
  Available for general education credit.
- PHIL 105 - Logic and Critical Reasoning Credits: 3
  Available for general education credit.
- PSYC 305 - Research Methods Credits: 3

Total Hours for Emphasis 3, Child Development: 67-78

Special Requirements

Students must earn a grade of C or better in HDFS 230 or EPS 304 or PSYC 324 in order to enroll in HDFS 330, HDFS 331, and HDFS 332. Students are required to attend mandatory meetings every fall and spring semester prior to enrollment in HDFS 490.

At the time of enrolling in HDFS 490, the following prerequisites must be completed:

- declaration as a major in emphasis 3;
- an overall GPA of at least 2.40 in all NIU course work;
- completion of 50 hours of approved community service in a child development agency (completed after admission to program and prior to admission to HDFS 490);
- completion of HDFS 230 or PSYC 324, HDFS 231, HDFS 330, HDFS 330A, HDFS 331, HDFS 331A, HDFS 332, HDFS 332A, and HDFS 399 with a C or better, and HDFS 432.
- meet DCFS licensing requirements for personnel, including:
  - physical and mental competencies that do not interfere with child care responsibilities,

    - verification of a nonreactive two step tuberculin skin test and physical exam within the last 6 months,
    - fingerprint-based criminal background check,
    - 3 letters of reference,
    - certification in first aid and cardiac pulmonary resuscitation (CPR);
    - proof of Illinois Network of Childcare Resource and Referral Agencies' Gateway Registry.

- and consent of the school.
- Professional liability insurance is provided through a course fee.

Students must complete HDFS 490 with a grade of C or better. Students electing the study area of parent/infant or child life specialist must have taken HDFS 439 or be concurrently enrolled in it when taking HDFS 490. Students not meeting the requirements for entry into the practicum or internship may, with the consent of the school, change to the Emphasis in Family Relations, Prevention, and Wellness in order to complete graduation requirements. HDFS 494 is designed only for students who are pursuing the Illinois Gateways Director Credential Certificate level 2.

Minor

General Minor in Family and Consumer Sciences (18)

Check departmental information for additional requirements.

Requirements (18)

- BIOS 103 - General Biology Credits: 3
  Available for general education credit.
- OR BIOS 109 - Human Biology Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- FSMD 258 - Introduction to the Fashion Industry Credits: 3
- HDFS 207 - The Consumer Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Sustainability Pathway.
- HDFS 280 - Human Development, the Family, and Society Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- NUTR 201 - Human Nutrition Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- OR NUTR 405 - Child Health and Nutrition Credits: 3
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.

Minor in Family and Child Studies (21)

Check departmental information for any additional requirements.

Requirements (15)

- HDFS 230 - Child Development Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Learning Pathway.
- HDFS 280 - Human Development, the Family, and Society Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- HDFS 284 - Introduction to Family Relationships Credits: 3
- HDFS 343 - Family Financial Planning Credits: 3
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.

Two of the following, including at least one upper-division course (6)

- HDFS 207 - The Consumer Credits: 3
  This is a society and culture general education course for the Sustainability Pathway.
- HDFS 384 - Asian American Families Credits: 3
  HDFS 384 also fulfills the Human Diversity Requirement.
- HDFS 437 - Parent-Child Interaction Credits: 3
- HDFS 438 - Parent Education Credits: 3
- HDFS 477 - Domestic Violence and Trauma in the Family Credits: 3
- HDFS 482 - Child Abuse and Neglect Credits: 3
- HDFS 483 - Social Policy, Children and Families Credits: 3
- HDFS 486 - Aging and the Family Credits: 3
- HDFS 487 - Overview of Marriage and Family Therapy Credits: 3
- HDFS 488 - Working with Ethnically Diverse Children and Families in the U.S. Credits: 3
  HDFS 488 also fulfills the Human Diversity Requirement.
- HDFS 489 - Topical Issues in Human Development and Family Sciences Credits: 3

Minor in Fashion Merchandising (19)

Check departmental information for any additional requirements.

Requirements (19)

- ART 102 - 2-D Foundation Credits: 3
- OR ARTH 282 - Introduction to World Art Credits: 3
  Available for general education credit.
  This is a creativity and critical analysis general education course for Creativity, Innovation, and Change Pathway.
- CHEM 110 - Chemistry Credits: 3
  Available for general education credit.
- CHEM 111 - Chemistry Laboratory Credits: 1
  Available for general education credit.
- FSMD 152 - Textiles Credits: 3
- FSMD 258 - Introduction to the Fashion Industry Credits: 3
- FSMD 353 - Apparel Products Analysis Credits: 3
- One additional course is required from the upper-level courses in fashion merchandising (3)

  Six or more semester hours in fashion merchandising course work for the minor must be taken at NIU.

Minor in Financial Counseling (21-22)

Requirements (15)

- HDFS 180 - Personal Development and the Family Credits: 3
- HDFS 207 - The Consumer Credits: 3
- HDFS 343 - Family Financial Planning Credits: 3
- HDFS 344 - Financial Counseling and Consumer Credit Credits: 3
- HDFS 487 - Overview of Marriage and Family Therapy Credits: 3
- OR COUN 400 - Exploration in the Counseling Profession Credits: 3
- OR REHB 493 - Counseling in Rehabilitation Services Credits: 3

Pick two of the following (6-7):

- ACCY 288 - Fundamentals of Accounting Credits: 3
- ECON 260 - Principles of Microeconomics Credits: 3
- GERO 415 - Financial Dimensions of Aging and the Family Credits: 3
- STAT 100 - Basic Statistics Credits: 3
- OR UBUS 223 - Introduction to Business Statistics Credits: 3
- OR STAT 200 - Elementary Statistics Credits: 4

  *A minimum of six semester hours in the minor must be taken at NIU.

Minor in Gerontology (18-19)

The gerontology program is an interdisciplinary program that fosters educational, research, and service activities pertinent to aging. The program offers an interdisciplinary undergraduate minor and an interdisciplinary certificate of undergraduate study. The gerontology minor and certificate allow students to integrate current knowledge and research on adulthood and aging into their degree programs. FACS majors are eligible to pursue the gerontology minor.

Check departmental information for additional requirements.

Requirements (18-19)

A degree-program student must apply to the gerontology program. Students must complete a minimum of 18 semester hours with at least 12 semester hours from the primary content area. Credit hours applied to satisfy the requirements for a major may be counted again as satisfying the requirements for this minor.

Primary Content Area (12)

- GERO 365 - Overview of Gerontology Credits: 3
- GERO 366 - Health Aspects of Aging Credits: 3
- OR GERO 369 - Dementia Studies Credits: 3
- GERO 468 - Leadership in Aging Services Credits: 3
- OR PHHE 410 - Coping with Death, Dying, and Loss Credits: 3
- HDFS 465 - Theories and Issues in Aging Studies Credits: 3

Two of the following (6-7)

- GERO 418 - Social Policy and Advocacy in Aging Credits: 3
- GERO 442 - Gerontology: Community Services Credits: 3
- GERO 466 - Topics in Gerontology Credits: 3
  Students may take this course for 3-6 semester hours. May be repeated to a maximum of 6 semester hours.
- GERO 467 - Fieldwork in Gerontology Credits: 3
  May be repeated to a maximum of 6 semester hours.
- AND GERO 467A - Pre-practicum Seminar Credits: 1
- HDFS 280 - Human Development, the Family, and Society Credits: 3
  HDFS 280 is available for general education credit.

- OR PSYC 225 - Lifespan Development: Childhood Through Adulthood Credits: 3. PSYC 225 is available for general education credit. This is a society and culture general education course for the Learning Pathway.
- OR HDFS 284 - Introduction to Family Relationships Credits: 3
- HDFS 486 - Aging and the Family Credits: 3
- KNPE 463 - Exercise and Physical Activity across the Lifespan Credits: 3
  KNPE 463 also fulfills the Human Diversity Requirement.
- NUTR 201 - Human Nutrition Credits: 3
  NUTR 201 is available for general education credit. This is a nature and technology general education course for the Health and Wellness Pathway.
- NUTR 428 - Nutrition and Aging Credits: 3
- PHHE 433 - Principles of Long-Term Care Administration Credits: 3
- PSYC 425 - Adult Development and Aging Credits: 3

  Six or more semester hours in gerontology course work for the minor must be taken at NIU.

Certificate of Undergraduate Study

Illinois Director Credential Certificate - Level 2 (15)

This certificate is designed to meet the standards for the Illinois Director Credential (IDC) (Level 2) of the Illinois Network of Child Care Resource & Referral Agencies (INCCRRA). The Illinois Director's Credential is recognized by the National Association for the Education of Young Children's (NAEYC) leadership criteria for NAEYC Accreditation and by the ExcelRate Illinois for highest quality recognition among early learning providers. Upon successful completion of this certificate, students will be eligible to apply for the IDC from INCCRRA.

Applicants for the IDC certificate must hold a bachelor's degree in a child-related major and must meet INCCRRA Early Childhood Education (ECE) credential requirements for Level 5. To earn the certificate, students must maintain a good academic standing in the university, achieve a minimum grade of C in each certificate course, achieve a GPA of 2.50 in all certificate courses, and complete all certificate course work within five academic years.

Core courses (15)

- HDFS 434 - Administration and Supervision of Quality Programs for Young Children from Diverse Backgrounds Credits: 3
- HDFS 438 - Parent Education Credits: 3
- HDFS 445 - Management of Human and Family Resources Credits: 3
  HDFS 445 is a Writing Infused Course.
- HDFS 483 - Social Policy, Children and Families Credits: 3
- HDFS 493 - Internship in Child Development Credits: 1-3

Illinois Early Childhood Education (ECE) Credential Certificate-Levels 2-5 (15-39)

This certificate is designed to meet the standards for the Illinois ECE (Levels 2-5) of the Illinois Network of Child Care Resource and Referral Agencies (INCCRRA). The ECE Credential Levels 2-5 is recognized by the National Association for the Education of Young Children's (NAEYC) teachers' criteria for NAEYC Accreditation and by ExceleRate Illinois for quality recognition among early learning providers. Upon successful completion of the required credential course work, students will be eligible to apply for the ECE Levels 2-5 from INCCRRA.

Applicants for the ECE certificate levels 2-5 must major in Child Development and must meet INCCRRA ECE credential requirements for levels 2-5. To earn the certificate, students must maintain a good academic standing in the university, achieve a minimum grade of C in each certificate course, achieve a GPA of 2.50 in all certificate courses, and complete all certificate course work within five academic years.

Core Course for Level 2 (15)

- HDFS 230 - Child Development Credits: 3
- HDFS 231 - An Observational Approach to the Study and Assessment of Young Children Credits: 3
- HDFS 284 - Introduction to Family Relationships Credits: 3
- HDFS 330 - Principles of Guiding Young Children Credits: 3
- HDFS 384 - Asian American Families Credits: 3

  Completion of 25 hours of approved community service in a child development agency

Core Course for Level 3 (27)

- HDFS 230 - Child Development Credits: 3
- HDFS 231 - An Observational Approach to the Study and Assessment of Young Children Credits: 3
- HDFS 284 - Introduction to Family Relationships Credits: 3
- HDFS 330 - Principles of Guiding Young Children Credits: 3
- HDFS 332 - Inclusive Program Planning for Children 3-8 Years of Age and Their Parents Credits: 3
- HDFS 384 - Asian American Families Credits: 3
- HDFS 399 - Professional Orientation: Issue and Trends in Working with Young Children and Their Families Credits: 3

- HDFS 488 - Working with Ethnically Diverse Children and Families in the U.S. Credits: 3
- NUTR 405 - Child Health and Nutrition Credits: 3

  Completion of 50 hours of approved community service in a child development agency

Core Course for Level 4 (39)

- HDFS 230 - Child Development Credits: 3
- HDFS 231 - An Observational Approach to the Study and Assessment of Young Children Credits: 3
- HDFS 284 - Introduction to Family Relationships Credits: 3
- HDFS 330 - Principles of Guiding Young Children Credits: 3
- HDFS 332 - Inclusive Program Planning for Children 3-8 Years of Age and Their Parents Credits: 3
- HDFS 384 - Asian American Families Credits: 3
- HDFS 399 - Professional Orientation: Issue and Trends in Working with Young Children and Their Families Credits: 3
- HDFS 488 - Working with Ethnically Diverse Children and Families in the U.S. Credits: 3
- HDFS 490 - Practicum in Infant and Child Development Laboratories Credits: 1-9
  Students must complete 9 semester hours in this course.
- NUTR 405 - Child Health and Nutrition Credits: 3

  Completion of 50 hours of approved community service in a child development agency

Core Course for Level 5 (39)

- HDFS 230 - Child Development Credits: 3
- HDFS 231 - An Observational Approach to the Study and Assessment of Young Children Credits: 3
- HDFS 284 - Introduction to Family Relationships Credits: 3
- HDFS 330 - Principles of Guiding Young Children Credits: 3
- HDFS 332 - Inclusive Program Planning for Children 3-8 Years of Age and Their Parents Credits: 3
- HDFS 384 - Asian American Families Credits: 3
- HDFS 399 - Professional Orientation: Issue and Trends in Working with Young Children and Their Families Credits: 3
- HDFS 432 - Theories of Child Development Credits: 3
- HDFS 488 - Working with Ethnically Diverse Children and Families in the U.S. Credits: 3
- HDFS 490 - Practicum in Infant and Child Development Laboratories Credits: 1-9
  Students must complete 9 semester hours in this course.
- NUTR 405 - Child Health and Nutrition Credits: 3

  Completion of 50 hours of approved community service in a child development agency

Illinois Family Specialist Credential Certificate-Level 5 (52)

This certificate is designed to meet the standards for the Family Specialist Credential (FSC) of the Illinois Network of Child Care Resource and Referral Agencies (INCCRRA). The Family Specialist Credential is for professionals who are prepared to provide direct services to families, such as Family Case Workers, Parent Educators, or Family Advocates. Upon successful completion of the required credential course work, students will be eligible to apply for FSC Level 5 from INCCRRA.

Applicants for the FSC certificate must major in Family Social Services and must meet INCCRRA FSC credential requirements for Level 5. To earn the credential, students must maintain a good academic standing in the university, achieve a minimum grade of C in each credential course, achieve a GPA of 2.5 in all certificate courses, and complete all certificate coursework within five academic years.

Core Course for Level 5 (52)

- HDFS 280 - Human Development, the Family, and Society Credits: 3
- HDFS 284 - Introduction to Family Relationships Credits: 3
- HDFS 343 - Family Financial Planning Credits: 3
- HDFS 382 - Group Process and Personal and Family Functioning Credits: 3
- HDFS 383 - Clinical Applications in Family Social Services Credits: 3
- HDFS 384 - Asian American Families Credits: 3
- HDFS 438 - Parent Education Credits: 3
- HDFS 445 - Management of Human and Family Resources Credits: 3
- HDFS 477 - Domestic Violence and Trauma in the Family Credits: 3
- HDFS 478 - Child Welfare Foundations Credits: 3
- HDFS 481 - Professional Practices in Family Social Services Credits: 3
- HDFS 483 - Social Policy, Children and Families Credits: 3
- HDFS 484 - Family Theories Credits: 3
- HDFS 485 - Methodology in Family Life Education Credits: 3
- HDFS 488 - Working with Ethnically Diverse Children and Families in the U.S. Credits: 3
- HDFS 491 - Internship in Family Social Services Credits: 7-12

  Supervised field experience in a family social service agency.

Infant Toddler Credential Certificate - Levels 2-5 (24-39)

This certificate is designed to meet the standards for the Infant Toddler Credential (ITC) (Levels 2-5) of the Illinois Network of Child Care Resource & Referral Agencies (INCCRRA). The Infant Toddler Credential is recognized by the National Association for the Education of Young Children's (NAEYC) teachers' criteria for NAEYC Accreditation and by the ExcelRate Illinois for highest quality recognition among early learning providers. Upon successful completion of this certificate, students will be eligible to apply for the ITC from INCCRRA.

Applicants for the ITC certificate must hold a bachelor's degree in a child-related major and must meet INCCRRA Early Childhood Education (ECE) credential requirements. To earn the certificate, students must maintain a good academic standing in the university, achieve a minimum grade of C in each certificate course, achieve a GPA of 2.50 in all certificate courses, and complete all certificate course work within five academic years.

Core Courses for Level 2 (24)

- HDFS 230 - Child Development Credits: 3
- HDFS 231 - An Observational Approach to the Study and Assessment of Young Children Credits: 3
- HDFS 280 - Human Development, the Family, and Society Credits: 3
- HDFS 284 - Introduction to Family Relationships Credits: 3
- HDFS 330 - Principles of Guiding Young Children Credits: 3
- HDFS 331 - Inclusive Program Planning for Infants, Toddlers, and Their Parents Credits: 3
- HDFS 399 - Professional Orientation: Issue and Trends in Working with Young Children and Their Families Credits: 3
- HDFS 437 - Parent-Child Interaction Credits: 3

Core Courses for Level 3 (27)

- HDFS 230 - Child Development Credits: 3
- HDFS 231 - An Observational Approach to the Study and Assessment of Young Children Credits: 3
- HDFS 280 - Human Development, the Family, and Society Credits: 3
- HDFS 284 - Introduction to Family Relationships Credits: 3
- HDFS 330 - Principles of Guiding Young Children Credits: 3
- HDFS 331 - Inclusive Program Planning for Infants, Toddlers, and Their Parents Credits: 3
- HDFS 399 - Professional Orientation: Issue and Trends in Working with Young Children and Their Families Credits: 3
- HDFS 432 - Theories of Child Development Credits: 3
- HDFS 437 - Parent-Child Interaction Credits: 3

Core Courses for Level 4 (39)

- HDFS 230 - Child Development Credits: 3
- HDFS 231 - An Observational Approach to the Study and Assessment of Young Children Credits: 3
- HDFS 280 - Human Development, the Family, and Society Credits: 3
- HDFS 284 - Introduction to Family Relationships Credits: 3
- HDFS 330 - Principles of Guiding Young Children Credits: 3
- HDFS 331 - Inclusive Program Planning for Infants, Toddlers, and Their Parents Credits: 3
- HDFS 399 - Professional Orientation: Issue and Trends in Working with Young Children and Their Families Credits: 3
- HDFS 432 - Theories of Child Development Credits: 3
- HDFS 437 - Parent-Child Interaction Credits: 3
- HDFS 439 - Infant Development in the Family: Typical and Atypical Credits: 3
- HDFS 490 - Practicum in Infant and Child Development Laboratories Credits: 1-9
  Students must complete 9 semester hours in this course.

Core Courses for Level 5 (39)

- HDFS 230 - Child Development Credits: 3
- HDFS 231 - An Observational Approach to the Study and Assessment of Young Children Credits: 3
- HDFS 280 - Human Development, the Family, and Society Credits: 3
- HDFS 284 - Introduction to Family Relationships Credits: 3
- HDFS 330 - Principles of Guiding Young Children Credits: 3
- HDFS 331 - Inclusive Program Planning for Infants, Toddlers, and Their Parents Credits: 3
- HDFS 399 - Professional Orientation: Issue and Trends in Working with Young Children and Their Families Credits: 3
- HDFS 432 - Theories of Child Development Credits: 3
- HDFS 437 - Parent-Child Interaction Credits: 3
- HDFS 439 - Infant Development in the Family: Typical and Atypical Credits: 3
- HDFS 490 - Practicum in Infant and Child Development Laboratories Credits: 1-9
  Students must complete 9 semester hours in this course.

Leadership in Aging Services (15)

To prepare students for leadership positions within the senior housing and health care industry, including long-term care administration. These courses cover content related to

laws and regulations pertaining to long-term care, the aging process, and administrative and financial aspects of operation. For students with a bachelor's degree, satisfactory completion of this certificate meets course work requirements for an Illinois license in Nursing Home Administration and to sit for the licensing examination. FACS majors are eligible to pursue the Leadership in Aging Services Certificate.

Core Courses

- ACCY 206 - Introductory Financial Accounting Credits: 3
- OR ACCY 288 - Fundamentals of Accounting Credits: 3
- GERO 365 - Overview of Gerontology Credits: 3
- GERO 468 - Leadership in Aging Services Credits: 3
- PHHE 433 - Principles of Long-Term Care Administration Credits: 3
- PHHE 453 - Financial Management of Health Care Organizations Credits: 3

Accelerated Integrated Degree

Accelerated B.S./J.D. Program in Human Development and Family Sciences and the College of Law

Admission

The accelerated sequence leads to a Bachelor of Science (B.S.) in Human Development and Family Sciences (HDFS) and the Juris Doctor (J.D.) degree. Students who want to complete this program must identify themselves to the HDFS who will complete the 3+3 program. This program is open to all undergraduates in Family Relations,
Prevention, and Wellness (FRPW) emphasis in the HDFS program and have completed at least 90 credit hours of undergraduate course work, including all requirements for the HDFS B.S. degree, as well as all general education requirements, with a minimum NIU GPA of 3.25. Students who have met these standards in their B.S. degree in HDFS in the FRPW emphasis are eligible to apply for admission to NIU's College of Law under the special provisions of this program. As part of the application to the College of Law, applicants must take the Law School Admission Test and score at or above the 50th percentile of the previous year's matriculating law class.

Curriculum

Students must complete all the requirements of FRPW emphasis in the HDFS B.S. degree as well as all general education requirements by the end of their junior year. Students accepted into the College of Law pursuant to the special provisions of this program will matriculate in the College of Law in the fall of their senior year. Up to 30 hours of law courses will count toward the final 30 credits of the undergraduate degree. The final two years of the program will follow the standard College of Law timetable.

Accelerated B.S./M.S. Program in Applied Human Development and Family Sciences

Admission

The accelerated sequence leads to a B.S. in Human Development and Family Sciences (HDFS) and the M.S. degree in Applied Human Development and Family Sciences (AHDFS). Students who want to complete this program must meet with the advisor for Human Development and Family Sciences - Family Relations, Prevention, and Wellness (HDFS-FRPW) to declare as a major who will complete the 3+2 program. This program is open to all undergraduates who major in HDFS-FRPW in the School of Family and Consumer Sciences (FACS) and will have completed at least 90 credit hours of undergraduate course work, including all requirements for the Human Development and Family Sciences B.S. degree, as well as all general education requirements, with a minimum GPA of 3.25. Students who have met these standards in their B.S. degree in HDFS are eligible to apply for admission to NIU's Applied Human Development and Family Sciences program. All application requirements listed on the AHDFS Program and NIU Graduate School website must be met by the specified deadlines.

Curriculum

Students must complete all the requirements of FRPW major of the Human Development and Family Sciences B.S. degree as well as all general education requirements prior to beginning the AHDFS program. Students accepted into the Applied Human Development and Family Sciences program will matriculate in the AHDFS program during the fall semester of their senior year. Up to 12 credit hours of AHDFS coursework will count toward the final credits of the undergraduate degree.

List of courses

FACS 198 - Orientation in Family and Consumer Sciences

FACS 450 - Workshop in Family and Consumer Sciences

FACS 460 - Problems in Family and Consumer Sciences

FACS 498 - Professional Seminar in Family and Consumer Sciences

FSMD 152 - Textiles

FSMD 252 - Apparel Production

FSMD 258 - Introduction to the Fashion Industry

FSMD 262 - Design Trends in Western Costume

FSMD 272 - Merchandising Promotion

FSMD 289 - Experiences in Fashion Merchandising I

FSMD 347 - Professional Development for Fashion Merchandising

FSMD 351 - Advanced Textiles

FSMD 353 - Apparel Products Analysis

FSMD 354 - Tailoring

FSMD 355 - Merchandising Mathematics

FSMD 356 - Cooperative Education for Fashion Merchandising

FSMD 365X - Principles of Retailing

FSMD 367 - Computer Applications for Fashion Merchandising

FSMD 369 - Fashion Design and Illustration

FSMD 389 - Experiences in Fashion Merchandising II

FSMD 452 - Apparel Design I

FSMD 453 - Experimental Textiles

FSMD 454 - Apparel Design II

FSMD 456 - Apparel Product Development

FSMD 458 - Omni-Channel Fashion Retailing

FSMD 464 - Social Psychology of Dress and Appearance

FSMD 466 - Economics of Apparel and Textile Industries

FSMD 468 - Consumer Behavior Related to Apparel

FSMD 469 - Computer-Aided Fashion Design

FSMD 470 - Fashion Merchandising

FSMD 471 - Advanced Buying and Sourcing in the Fashion Industry

FSMD 472 - Fashion Forecasting

FSMD 474 - Fashion Merchandising Internship

GERO 365 - Overview of Gerontology

GERO 366 - Health Aspects of Aging

GERO 369 - Dementia Studies

GERO 415 - Financial Dimensions of Aging and the Family

GERO 418 - Social Policy and Advocacy in Aging

GERO 442 - Gerontology: Community Services

GERO 466 - Topics in Gerontology

GERO 467 - Fieldwork in Gerontology

GERO 467A - Pre-practicum Seminar

GERO 468 - Leadership in Aging Services

HDFS 180 - Personal Development and the Family

HDFS 207 - The Consumer

HDFS 230 - Child Development

HDFS 231 - An Observational Approach to the Study and Assessment of Young Children

HDFS 280 - Human Development, the Family, and Society

HDFS 284 - Introduction to Family Relationships

HDFS 285 - Introduction to Family Life Education

HDFS 293 - Cooperative Education I for Child Development

HDFS 294 - Cooperative Education I for Family Social Services

HDFS 297 - Experiences in Human Development and Family Sciences I

HDFS 330 - Principles of Guiding Young Children

HDFS 330A - Lab Experience in Principles of Guiding Young Children

HDFS 331 - Inclusive Program Planning for Infants, Toddlers, and Their Parents

HDFS 331A - Lab Experience in Inclusive Program Planning for Infants, Toddlers, and Their Parents

HDFS 332 - Inclusive Program Planning for Children 3-8 Years of Age and Their Parents

HDFS 332A - Lab Experience in Inclusive Program Planning for Children 3-8 Years of Age and Their Parents

HDFS 343 - Family Financial Planning

HDFS 344 - Financial Counseling and Consumer Credit

HDFS 382 - Group Process and Personal and Family Functioning

HDFS 383 - Clinical Applications in Family Social Services

HDFS 384 - Asian American Families

HDFS 393 - Cooperative Education II for Child Development

HDFS 394 - Cooperative Education II for Family Social Services

HDFS 397 - Experiences in Human Development and Family Sciences II

HDFS 398 - Cooperative Education for Family and Individual Development

HDFS 399 - Professional Orientation: Issue and Trends in Working with Young Children and Their Families

HDFS 407 - Consumer Protection

HDFS 432 - Theories of Child Development

HDFS 433 - Introduction to Child Life Theory and Practice

HDFS 434 - Administration and Supervision of Quality Programs for Young Children from Diverse Backgrounds

HDFS 437 - Parent-Child Interaction

HDFS 438 - Parent Education

HDFS 439 - Infant Development in the Family: Typical and Atypical

HDFS 440 - Therapeutic Play

HDFS 441 - Infant and Child Mental Health and Resiliency

HDFS 445 - Management of Human and Family Resources

HDFS 465 - Theories and Issues in Aging Studies

HDFS 477 - Domestic Violence and Trauma in the Family

HDFS 478 - Child Welfare Foundations

HDFS 481 - Professional Practices in Family Social Services

HDFS 482 - Child Abuse and Neglect

HDFS 483 - Social Policy, Children and Families

HDFS 484 - Family Theories

HDFS 485 - Methodology in Family Life Education

HDFS 486 - Aging and the Family

HDFS 487 - Overview of Marriage and Family Therapy

HDFS 488 - Working with Ethnically Diverse Children and Families in the U.S.

HDFS 489 - Topical Issues in Human Development and Family Sciences

HDFS 490 - Practicum in Infant and Child Development Laboratories

HDFS 491 - Internship in Family Social Services

HDFS 493 - Internship in Child Development

HDFS 494 - Practicum in Administration of Quality Programs for Young Children

HOSP 202 - Introduction to the Hospitality Industry

HOSP 206 - Culinary Fundamentals

HOSP 296 - Cooperative Education I for Hospitality Management

HOSP 299 - Experiences in Hospitality Management I

HOSP 301 - Career Planning in the Hospitality Industry

HOSP 302 - Lodging Operations

HOSP 303 - Hospitality Law

HOSP 304 - Food and Beverage Operations

HOSP 314 - Hospitality Facility Management

HOSP 315 - Casino and Gaming Management

HOSP 316 - Hospitality Service

HOSP 319 - Foundations of Tourism

HOSP 320 - Quantity Food Production

HOSP 396 - Cooperative Education II for Hospitality Management

HOSP 399 - Experiences in Hospitality Management II

HOSP 411 - Yield Management in the Hospitality Industry

HOSP 413 - Meeting, Event, and Convention Management

HOSP 417 - Trade Show and Exhibition Management

HOSP 418 - Managing Human Resources in the Hospitality Industry

HOSP 425 - Hospitality Management

HOSP 426 - Strategic Management in the Hospitality Industry

HOSP 427 - Catering Operations Practicum

HOSP 430 - Data Analysis for the Hospitality Industry

HOSP 491 - Leadership Seminar in Hospitality and Tourism

HOSP 492 - Distinguished Speaker Series

HOSP 495 - Internship in Hospitality Management

Health Studies (AHLS, HLTH, NUTR, PHHE)

Admission to the major in medical laboratory sciences is limited. See "Limited Admissions and Limited Retention Requirements" in the front part of this catalog.

General Information

The School of Health Studies offers majors in medical laboratory sciences (B.S.); nutrition, dietetics, and wellness (B.S.); and public health (B.S.). In addition, the school offers minors in nutrition, health, and wellness; and public health; and a baccalaureate degree completion program. Students interested in one of the school's majors or minors should contact the college advising office as early as possible. Failure to do so could result in delayed graduation.

Majors in the School of Health Studies who are preparing for professional practice may be dismissed from a program on the basis of either academic deficiencies or nonprofessional performance. Specific criteria relating to these areas are made known to each student at the time the professional phase of a program is initiated.

A practicum is required for all students majoring in medical laboratory sciences and students pursuing the health and wellness area of study of the nutrition, dietetics and wellness program. An internship is required for all students majoring in public health. Students are advised that they are responsible for their own transportation to and from the practicum or internship facilities and all costs associated with these activities.

Policy on Dismissal

University policy requires that students be informed of the possibility of being dismissed from practicums, internships, and early field experiences. In the School of Health Studies, such a possibility exists in NUTR 295, NUTR 395, and NUTR 497. A statement of grounds for dismissal is available from the coordinator of each internship.

Health Studies Faculty

Jeanne M. Isabel, Ed.D., Northern Illinois University, associate professor, chair
Sheila Barrett, Ph.D., Florida International University, associate professor
Rouzbeh Chegeni, Ph.D., Tarbiat Modares University, assistant professor
Carolinda Douglass, Ph.D., RAND Graduate School of Policy Studies, professor emerita
Jennifer Gray, Ph.D., University of Illinois, Chicago, professor
Lynn Herrmann, Ph.D., University of Illinois, Urbana-Champaign, associate professor
M. Courtney Hughes, Ph.D., University of Washington, associate professor
Rana Jaber, Ph.D., Florida International University, assistant professor
Arlene Keddie, Ph.D., University of Texas, associate professor
Jinsook Kim, Ph.D., University of California-Los Angeles, professor
Judith Lukaszuk, Ph.D., University of Pittsburgh, professor
Henna Muzaffar, Ph.D., University of Illinois, assistant professor
Kunal Patel, DrPH, University of Alabama-Birmingham, assistant professor
Julie Patterson, Ph.D., University of Wisconsin, Madison, assistant professor
Tomoyuki Shibata, Ph.D., University of Miami, associate professor
Masih Shokrani, Ph.D., Meharry Medical College, associate professor

Majors

Medical Laboratory Sciences (B.S.)

Check departmental information for any additional requirements.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

General Information

Admission to the major in medical laboratory sciences is limited. See "Limited Admissions and Limited Retention Requirements" in the front part of this catalog.

The medical laboratory sciences program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences. To become certified as a medical laboratory scientist (MLS), the graduate of the program must complete an examination for professional competence by the Board of Certification. Completion of the examination, however, is not a prerequisite for the B.S. degree.

Students must be admitted into the medical laboratory sciences program to enroll in 300- and 400- level AHLS courses. Students must maintain a grade of C or better in all 300-level AHLS designated courses in the MLS program or be subject to dismissal from the program. A student also may be dismissed from the program for unprofessional behavior or for actions that threaten the health and/or safety of patients. All general education courses must be completed before beginning the practicum courses in the hospital.

The medical laboratory science practicum courses, AHLS 486 and AHLS 487, include topics in hematology, hemostasis, urinalysis, body fluids, medical microbiology, medical diagnostic biochemistry, medical immunology and immunohematology. . Clinical placements at affiliated hospitals require the student to meet all clinical requirements (HERE).

Before enrolling in AHLS 486 and AHLS 487 students must have completed all other university and program requirements for graduation. Medical laboratory science online degree completion students enrolling in AHLS 497 must be in the process of completing all university requirements.

B.S. Degree Completion Program

Medical Laboratory Sciences for Certified Clinical/ Medical Laboratory Technicians

The focus of this program is baccalaureate-level education for Medical Laboratory Sciences. This degree program is uniquely designed for clinical or medical laboratory technicians with an associate of applied science degree (A.A.S.) or associate of science degree (A.S.) and appropriate certification as granted by the ASCP Board of Certification or equivalent national organization with a minimum of one year of experience working full-time as a CLT/MLT within the last five years. Students with an associate of applied science degree or associate of science degree may need to take additional courses prior to admittance to the program.

The degree program is offered entirely online. Students who desire to complete the requirements for the B.S. in clinical or medical laboratory sciences are advised to contact the program coordinator for specific information.

Once formally admitted into the major, degree completion students will complete the didactic courses online and must complete the required AHLS 300-level courses with a grade of C or better; additional courses required are HSCI 318 or proficiency test, AHLS 440, AHLS 448, AHLS 450 and AHLS 497. Students enrolling in AHLS 497, MLT-MLS Integrated Experience, must be in the process of completing all university requirements. In addition, these students must obtain satisfactory performance in AHLS 475, Medical Laboratory Sciences Competency, taken in the final semester of the program. Degree completion students will receive up to 12 semester hours of credit the last semester prior to degree completion for the following courses: AHLS 211, AHLS 300, AHLS 311, AHLS 312, AHLS 313, AHLS 337, and AHLS 345. Upon successful completion of all the MLS requirements, the student will be awarded up to an additional 17 hours of proficiency credit for the learning experiences leading to the A.A.S. or A.S. in CLT/MLT. Students in this program are exempt from the 30-semester-hour university graduation residence.

Major in Medical Laboratory Sciences (B.S.)

The medical laboratory sciences program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences.

The student learning outcomes for this degree are located at www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Requirements in School (56-62)

MLS Majors: 62 credit hours

- AHLS 211 - Introduction to the Medical Laboratory Sciences Credits: 3
- AHLS 300 - Urinalysis Credits: 2
- AHLS 301 - Medical Immunology Credits: 2
- AHLS 302 - Hematology/Hemostasis Credits: 3
- AHLS 303 - Immunohematology Credits: 2
- AHLS 308 - Body Fluids Credits: 1
- AHLS 311 - Medical Immunology Laboratory Credits: 1
- AHLS 312 - Hematology/Hemostasis Laboratory Credits: 2
- AHLS 313 - Immunohematology Laboratory Credits: 1
- AHLS 335 - Medical Diagnostic Mycology and Parasitology Credits: 2
- AHLS 336 - Medical Diagnostic Microbiology Credits: 3
- AHLS 337 - Medical Diagnostic Microbiology Laboratory Credits: 1
- AHLS 344 - Medical Diagnostic Biochemistry Credits: 4
- AHLS 345 - Medical Diagnostic Biochemistry Laboratory Credits: 2
- AHLS 440 - Introduction to Teaching in the Allied Health Profession Credits: 1
- AHLS 448 - Introduction to Research in Medical Laboratory Sciences Credits: 3
  AHLS 448 is a writing infused course.
- AHLS 450 - Laboratory Management Principles and Processes Credits: 3
  AHLS 450 is a writing infused course.
  AHLS 450 also fulfills the Human Diversity Requirement.
- AHLS 471 - Molecular Testing / Special Topics Credits: 3
- AHLS 476 - Comprehensive Exams Credits: 3
- AHLS 486 - Medical Laboratory Science Practicum I Credits: 10
- AHLS 487 - Medical Laboratory Science Practicum II Credits: 10

MLT-MLS Online Degree Completion Majors: 56-59 credit hours

- AHLS 301 - Medical Immunology Credits: 2
- AHLS 302 - Hematology/Hemostasis Credits: 3
- AHLS 303 - Immunohematology Credits: 2
- AHLS 308 - Body Fluids Credits: 1
- AHLS 335 - Medical Diagnostic Mycology and Parasitology Credits: 2
- AHLS 336 - Medical Diagnostic Microbiology Credits: 3
- AHLS 344 - Medical Diagnostic Biochemistry Credits: 4
- AHLS 440 - Introduction to Teaching in the Allied Health Profession Credits: 1
- AHLS 448 - Introduction to Research in Medical Laboratory Sciences Credits: 3
  AHLS 448 is a writing infused course.
- AHLS 450 - Laboratory Management Principles and Processes Credits: 3
  AHLS 450 is a writing infused course.
  AHLS 450 also fulfills the Human Diversity Requirement.
- AHLS 475 - Medical Laboratory Sciences Competency Credits: 1
- AHLS 497 - MLT to MLS Integrated Experience Credits: 2-5

Additional 12 hours of credit for AHLS 211, 300, 311, 312, 313, 337, 345

Additional 17 hours of proficiency credit for MLT degree & experience

Requirements outside School (34-35)

MLS Majors

- BIOS 208 - Fundamentals of Cellular Biology Credits: 3
- AND BIOS 210 - Fundamentals of Cellular Biology Laboratory Credits: 1
- BIOS 209 - Fundamentals of Organismal Biology Credits: 3
- AND BIOS 211 - Fundamentals of Organismal Biology Laboratory Credits: 1
- BIOS 213 - Introductory Bacteriology Credits: 3
- OR BIOS 313 - Microbiology Credits: 4
- BIOS 357 - Human Anatomy and Physiology Credits: 5
- CHEM 210 - General Chemistry I Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- AND CHEM 212 - General Chemistry Laboratory I Credits: 1
  Available for General Education credit in the Nature and Technology Domain.
- CHEM 211 - General Chemistry II Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- AND CHEM 213 - General Chemistry Laboratory II Credits: 1
  Available for General Education credit in the Nature and Technology Domain.
- CHEM 310 - Introductory Organic and Biological Chemistry Credits: 3
- CHEM 311 - Introductory Organic and Biological Chemistry Laboratory Credits: 1
- HSCI 318 - Medical Terminology Credits: 3
  OR Proficiency Exam
- STAT 100 - Basic Statistics Credits: 3
  Available for Foundational Studies Quantitative Literacy Requirement.

Total Hours for a Major in Medical Laboratory Sciences: 90-97

Recommendations

Medical laboratory science (MLS) majors must maintain an ongoing active communication with the program director for medical laboratory sciences.

Graduates of the MLS program are encouraged to become certified as a medical laboratory scientist by sitting for the ASCP Board of Certification MLS exam for professional competence. Completion of the examination, however, is not a prerequisite for the B.S. degree. Graduates are encouraged to take the exam within six months of completion of the program.

Nutrition, Dietetics, and Wellness (B.S.)

This program provides basic preparation for fulfillment of the baccalaureate requirements for careers in community nutrition programs, health and wellness, dietetics, as well as in other related areas. In addition, students are eligible for graduate studies in these areas.

The student learning outcomes for this degree are located at www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for additional requirements.

Special Requirements

Students must earn a grade of C or better in NUTR prerequisite courses before they can enroll in any successive NUTR course to meet the requirements for a nutrition, dietetics, and wellness major. Liability insurance for internship courses is provided through a course fee.

Completion of the Dietetics area of study satisfies the academic requirements of the Didactic Program in Dietetics (DPD) of the Academy of Nutrition and Dietetics (the Academy). The program is accredited by the Accreditation Council for Education of Nutrition and Dietetics (ACEND). Students seeking verification of DPD completion must maintain a grade point average (GPA) of at least 3.00 in DPD program courses (see adviser) and have a cumulative GPA of at least 2.75. In addition, these students must achieve a grade of B or better in the following DPD courses: NUTR 310, NUTR 409, NUTR 410, NUTR 415 and NUTR 416. DPD verification is a prerequisite to securing placement in an ACEND-accredited dietetic internship program. Students are also strongly recommended to acquire work experience in patient care and food service to enhance eligibility for the dietetic internship program.

The major GPA will be calculated using requirements inside and outside of the school.

Postbaccalaureate Students

Postbaccalaureate students without degrees from an ACEND accredited nutrition degree program who wish to complete DPD verification by NIU must consult with the DPD director prior to NIU enrollment to determine required course work. Additional course work may be required to earn a second baccalaureate degree. Students should consult with an academic adviser.

Requirements in School (24)

- NUTR 200A - Principles of Food Preparation Credits: 3
- NUTR 200B - Food Preparation Laboratory Credits: 2
- NUTR 201 - Human Nutrition Credits: 3
  Available for general education credit.
- NUTR 309 - Science of Nutrition Credits: 3

- NUTR 310 - Applied Nutrition through the Life Cycle Credits: 3
- NUTR 409 - Nutrition Education for Health Promotion Credits: 3
- NUTR 410 - Community Nutrition Credits: 3
- NUTR 429 - Strategies for Modifying Nutrition Behaviors Credits: 3
- NUTR 498 - Professional Seminar for Nutrition and Dietetics Credits: 1

Select one of the following areas of study:

Nutrition, Health, and Wellness (8-11)

- NUTR 414 - Nutrition as Medicine Credits: 3
- NUTR 497 - Internship in Nutrition, Health, and Wellness Credits: 1-15
  Students must take 3 semester hours in this course.

One of the following

- HOSP 427 - Catering Operations Practicum Credits: 3
- NUTR 306 - Nutrition in Relation to Health and Exercise Credits: 2-3
- NUTR 404 - Nutrition and Community Food Systems Credits: 2-5
- NUTR 406 - Global Food and Nutrition Issues Credits: 3
  Available for general education credit.
  NUTR 406 is a writing infused course.
  This is a nature and technolgoy general education course for the Global Connections Pathway.
- NUTR 424 - Cultural and National Food Patterns Credits: 3
- NUTR 428 - Nutrition and Aging Credits: 3

Dietetics with DPD (7)

Students who plan to pursue this area of study can enroll in courses for this area of study when they have completed the prerequisite courses with a GPA of 3.00 or higher. Retention and successful completion of the Didactic Program in Dietetics (DPD) is based on maintenance of a minimum major GPA of 3.00.

- CHEM 311 - Introductory Organic and Biological Chemistry Laboratory Credits: 1
- NUTR 415 - Medical Nutrition Therapy I Credits: 3
- NUTR 416 - Medical Nutrition Therapy II Credits: 3

Requirements outside School (46-48)

- BADM 303 - Foodservice Systems Management in Practice Credits: 3
- BIOS 103 - General Biology Credits: 3
  Available for general education credit.
- BIOS 105 - General Biology Laboratory Credits: 1
- BIOS 213 - Introductory Bacteriology Credits: 3
- OR BIOS 313 - Microbiology Credits: 4
- BIOS 357 - Human Anatomy and Physiology Credits: 5
- CHEM 110 - Chemistry Credits: 3
  Available for general education credit.
- OR CHEM 210 - General Chemistry I Credits: 3
  Available for general education credit.
- CHEM 111 - Chemistry Laboratory Credits: 1
  Available for general education credit.
- OR CHEM 212 - General Chemistry Laboratory I Credits: 1
  Available for general education credit.
- CHEM 310 - Introductory Organic and Biological Chemistry Credits: 3
- ECON 260 - Principles of Microeconomics Credits: 3
  Available for general education credit.
- EPFE 201 - Education as an Agent for Change Credits: 3
  Available for general education credit.
  EPFE 201 also fulfills the Human Diversity Requirement.
- OR EPS 300 - Educational Psychology Credits: 3
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Learning Pathway.
- HSCI 460 - Research in Health and Human Sciences Credits: 3
  HSCI 460 is a writing infused course
- MATH 110 - College Algebra Credits: 3
- OR MATH 105 - College Algebra with Review Credits: 3
- AND MATH 104 - Supplemental Review for College Algebra Credits: 1
- MGMT 333 - Principles of Management Credits: 3
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.
- SOCI 170 - Introduction to Sociology Credits: 3
  Available for general education credit.
- OR ANTH 120 - Anthropology and Human Diversity Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Learning Pathway.
- STAT 100 - Basic Statistics Credits: 3
  Available for general education credit.
- OR STAT 200 - Elementary Statistics Credits: 4

Total Hours for Major in Nutrition, Dietetics, and Wellness: 75-80

Public Health (B.S.)

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

General Information

Practical field training is required as part of the public health curriculum and student teaching is a required part of the health education curriculum. Students are advised that they are responsible for their own transportation to and from the training facilities and all costs associated with these activities.

Major Requirements

The public health program prepares students for professional positions in general public health, health administration, environment and health, and health promotion. Depending on their particular interests, graduates will be involved in developing and communicating health information to the public, planning and managing health service programs and facilities, and investigating and evaluating specific environmental and community health problems. Students aspiring to major in public health should contact a program adviser as early as possible, preferably during their freshman year, for an academic advising. Failure to do so could result in a delayed graduation.

Requirements in School (25-28)

- PHHE 295 - Introduction to Public Health Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- PHHE 325 - Biostatistical Applications in Public Health Credits: 3
- PHHE 351 - Elements of Environmental Health Credits: 3
- PHHE 455 - Public Health Epidemiology Credits: 3
- PHHE 461 - Public Health and the U.S. Health Care System Credits: 3
- PHHE 467 - Public Health Research and Evaluation Credits: 3
  PHHE 467 is a Writing Infused course.
- PHHE 469 - Principles of Health Planning Credits: 3
  PHHE 469 is a Writing Infused course.
- PHHE 487 - Public Health Pre-Internship Seminar Credits: 1
- PHHE 489 - Internship in Public Health Credits: 1-6
  Students must take 3-6 semester hours in this course.

Requirements outside School (20-23)

- BIOS 103 - General Biology Credits: 3
- AND BIOS 105 - General Biology Laboratory Credits: 1
- OR BIOS 208 - Fundamentals of Cellular Biology Credits: 3
- AND BIOS 210 - Fundamentals of Cellular Biology Laboratory Credits: 1
- BIOS 213 - Introductory Bacteriology Credits: 3
- OR BIOS 313 - Microbiology Credits: 4
- CHEM 110 - Chemistry Credits: 3
  Available for general education credit.
- AND CHEM 111 - Chemistry Laboratory Credits: 1
  Available for general education credit.
- OR CHEM 210 - General Chemistry I Credits: 3
  Available for general education credit.
- AND CHEM 212 - General Chemistry Laboratory I Credits: 1
  Available for general education credit.
- ENGL 350 - Writing across the Curriculum Credits: 3
  ENGL 350 is a writing infused course.
- MATH 110 - College Algebra Credits: 3
  Available for general education credit.
- OR MATH 104 - Supplemental Review for College Algebra Credits: 1
- AND MATH 105 - College Algebra with Review Credits: 3
- OR MATH 210 - Finite Mathematics Credits: 3
  Available for general education credit.
- OR MATH 211 - Calculus for Business and Social Science Credits: 4
  Available for general education credit.
- OR MATH 229 - Calculus I Credits: 4
  Available for general education credit.
- STAT 100 - Basic Statistics Credits: 3
  Available for general education credit.
- OR STAT 200 - Elementary Statistics Credits: 4
- OR UBUS 223 - Introduction to Business Statistics Credits: 3

One of the following emphases: General Public Health, Health Administration, Environment and Health, or Health Promotion

Emphasis 1. General Public Health

The general public health emphasis allows students to complete a broad educational foundation in public health while choosing a minor outside the school.

Requirements in School (9)

- PHHE 315 - Introduction to Health Promotion Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Health and Wellness Pathway.

Two of the following (6)

- PHHE 431 - Applied Health Promotion Programming Credits: 3
- PHHE 433 - Principles of Long-Term Care Administration Credits: 3

- PHHE 435 - Ethical Decision Making for Health Professionals Credits: 3
- PHHE 437 - Assessment, Treatment, and Prevention of Drug and Alcohol Addiction Credits: 3
- PHHE 439 - Funding for Programs in Public Health Credits: 3
- PHHE 441 - Introduction to Health Care Administration Credits: 3
- PHHE 451 - Economic Issues in Public Health Credits: 3
- PHHE 453 - Financial Management of Health Care Organizations Credits: 3
- PHHE 463 - Public Health Informatics Credits: 3

Requirements outside School (21-41)

- BIOS 109 - Human Biology Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- OR BIOS 357 - Human Anatomy and Physiology Credits: 5
- SOCI 170 - Introduction to Sociology Credits: 3
  Available for general education credit.
- OR SOCI 250 - Contemporary Social Institutions Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Creativity, Innovation, and Change Pathway.

One of the following (3)

- GERO 365 - Overview of Gerontology Credits: 3
- HDFS 280 - Human Development, the Family, and Society Credits: 3
  Available for general education credit.
- PHHE 410 - Coping with Death, Dying, and Loss Credits: 3
- PSYC 225 - Lifespan Development: Childhood Through Adulthood Credits: 3
  Available for general education credit.

One of the following (12-30)

A minor offered by the School of Family and Consumer Sciences, or a minor in biological sciences, chemistry, communication studies, communicative disorders, gerontology, environmental management systems, environmental studies, military science, nonprofit and NGO studies, Spanish, psychology, or other course work as approved by public health adviser.

Total Hours for Emphasis 1, General Public Health: 75-101

Emphasis 2. Health Administration

The health administration emphasis teaches students administrative, supportive, planning, and assessment skills that prepares students for careers in managed-care settings; long-term care; hospitals; federal, state, and community health agencies, and other health-related organizations. With appropriate electives, students qualify to take the Illinois Nursing Home Administrators Licensing Examination. For details, contact the public health program office.

Requirements in School (15)

- PHHE 441 - Introduction to Health Care Administration Credits: 3
- PHHE 451 - Economic Issues in Public Health Credits: 3
- PHHE 453 - Financial Management of Health Care Organizations Credits: 3

Two of the following (6)

- PHHE 315 - Introduction to Health Promotion Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Health and Wellness Pathway.
- PHHE 431 - Applied Health Promotion Programming Credits: 3
- PHHE 433 - Principles of Long-Term Care Administration Credits: 3
- PHHE 435 - Ethical Decision Making for Health Professionals Credits: 3
- PHHE 437 - Assessment, Treatment, and Prevention of Drug and Alcohol Addiction Credits: 3
- PHHE 439 - Funding for Programs in Public Health Credits: 3
- PHHE 463 - Public Health Informatics Credits: 3

Requirements outside School (24-26)

- ACCY 288 - Fundamentals of Accounting Credits: 3
- OR ACCY 206 - Introductory Financial Accounting Credits: 3
- BIOS 109 - Human Biology Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- OR BIOS 357 - Human Anatomy and Physiology Credits: 5
- ECON 260 - Principles of Microeconomics Credits: 3
  Available for general education credit.
- MGMT 333 - Principles of Management Credits: 3
- MKTG 295 - Principles of Marketing Credits: 3
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.
- SOCI 170 - Introduction to Sociology Credits: 3
  Available for general education credit.

- OR SOCI 250 - Contemporary Social Institutions Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Creativity, Innovation, and Change Pathway.

One of the following (3)

- GERO 365 - Overview of Gerontology Credits: 3
- HDFS 280 - Human Development, the Family, and Society Credits: 3
  Available for general education credit.
- PHHE 410 - Coping with Death, Dying, and Loss Credits: 3
- PSYC 225 - Lifespan Development: Childhood Through Adulthood Credits: 3
  Available for general education credit.

Total Hours for Emphasis 2, Health Administration: 84-92

Recommendations to meet math requirements for emphasis 2

- MATH 210 - Finite Mathematics Credits: 3
  Available for general education credit.
- OR MATH 211 - Calculus for Business and Social Science Credits: 4
  Available for general education credit.
- OR MATH 229 - Calculus I Credits: 4
  Available for general education credit.

Emphasis 3. Environment and Health

The requirements in the school for the environment and health emphasis prepare students to work in a variety of environmental settings that focus on eliminating health disparities of the public.

Requirements in School (9-10)

- PHHE 315 - Introduction to Health Promotion Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Health and Wellness Pathway.

Two of the following (6-7)

- PHHE 409X - Water Quality Credits: 4
- PHHE 431 - Applied Health Promotion Programming Credits: 3
- PHHE 435 - Ethical Decision Making for Health Professionals Credits: 3
- PHHE 439 - Funding for Programs in Public Health Credits: 3
- PHHE 441 - Introduction to Health Care Administration Credits: 3
- PHHE 451 - Economic Issues in Public Health Credits: 3
- PHHE 453 - Financial Management of Health Care Organizations Credits: 3
- PHHE 463 - Public Health Informatics Credits: 3

Requirements outside School (28-31)

- CHEM 310 - Introductory Organic and Biological Chemistry Credits: 3
- CHEM 311 - Introductory Organic and Biological Chemistry Laboratory Credits: 1
- GEOG 253 - Environment and Society Credits: 3
- PHYS 150 - Physics Credits: 3
  Available for general education credit.
- OR PHYS 210 - General Physics I Credits: 4
  Available for general education credit.
- TECH 245 - Pollution Prevention and Sustainable Production Credits: 3
  Available for general education credit.

Two of the following (6-7)

- GEOG 256 - Maps and Mapping Credits: 3
  Available for general education credit.
- GEOG 302 - Soil Science Credits: 3
- GEOG 303 - Water Resources and the Environment Credits: 3
  Available for general education credit.
- GEOG 382 - Geography of Disease and Health Credits: 3
- GEOG 432 - GIS for Public and Environmental Health Credits: 3

Two of the following (6)

- TECH 231 - Introduction to Workplace Health and Safety Credits: 3
- TECH 432 - Disaster Preparedness Credits: 3
- TECH 434 - Human Factors in Industrial Accident Prevention Credits: 3
  TECH 434 is a writing infused course.
- TECH 435 - Legal Aspects of Safety Credits: 3

One course in science approved by the public health adviser (3-4)

Total Hours for Emphasis 3, Environment and Health: 82-92

Recommendations to meet math requirements for emphasis 3

- MATH 210 - Finite Mathematics Credits: 3
  Available for general education credit.

- OR MATH 211 - Calculus for Business and Social Science Credits: 4
  Available for general education credit.
- OR MATH 229 - Calculus I Credits: 4
  Available for general education credit.

Emphasis 4. Health Promotion

The requirements for the health promotion emphasis prepare students to become health educators in health care or social assistance settings. They educate individuals and communities about behaviors that can prevent diseases, injuries, and other health issues. In addition, the health promotion emphasis prepares students to take the Certified Health Education Specialist Exam (CHES) given by the National Commission for Health Education Credentialing, Inc.

Requirements in School (18)

- PHHE 315 - Introduction to Health Promotion Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Health and Wellness Pathway.
- PHHE 404 - Drugs in Society Credits: 3
- OR PHHE 437 - Assessment, Treatment, and Prevention of Drug and Alcohol Addiction Credits: 3
- PHHE 406 - Dimensions of Human Sexuality Credits: 3
- PHHE 431 - Applied Health Promotion Programming Credits: 3

One of the following (3)

- PHHE 408 - Mental and Emotional Health Credits: 3
- PHHE 410 - Coping with Death, Dying, and Loss Credits: 3
- PHHE 412 - Consumer Health Credits: 3

One of the following (3)

- PHHE 433 - Principles of Long-Term Care Administration Credits: 3
- PHHE 435 - Ethical Decision Making for Health Professionals Credits: 3
- PHHE 439 - Funding for Programs in Public Health Credits: 3
- PHHE 441 - Introduction to Health Care Administration Credits: 3
- PHHE 451 - Economic Issues in Public Health Credits: 3
- PHHE 453 - Financial Management of Health Care Organizations Credits: 3
- PHHE 463 - Public Health Informatics Credits: 3

Requirements outside School (12-14)

- BIOS 109 - Human Biology Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- OR BIOS 357 - Human Anatomy and Physiology Credits: 5
- NUTR 201 - Human Nutrition Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- OR NUTR 406 - Global Food and Nutrition Issues Credits: 3
  NUTR 406 is a writing infused course.
  This is a nature and technology general education course for the Global Connections Pathway.
- SOCI 170 - Introduction to Sociology Credits: 3
  Available for general education credit.
- OR SOCI 250 - Contemporary Social Institutions Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Creativity, Innovation, and Change Pathway.

One of the following (3)

- GERO 365 - Overview of Gerontology Credits: 3
- HDFS 280 - Human Development, the Family, and Society Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- PSYC 225 - Lifespan Development: Childhood Through Adulthood Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Learning Pathway.

Total Hours for Emphasis 4, Health Promotion: 75-83

Minor

Minor in Health Education (21)

This minor prepares the student for health education teaching positions in schools. It also can serve as a foundation for further academic work in school health services and instruction, and in maintenance of a healthful school environment. The minor is designed to meet the minimum standards of the State of Illinois for health educators. and individuals may be eligible to take the Certified Health Education Specialist (CHES) Exam.

Medical laboratory sciences, nutrition, dietetics, and wellness, and public health majors are eligible to complete this minor.

Check departmental information for any additional requirements.

Requirements (12)

- PHHE 206 - Contemporary Health Concepts Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- PHHE 220 - Introduction to Health Education Credits: 3
- PHHE 300 - Health Education in the Middle and High School Credits: 3
- PHHE 400 - Methods and Materials in Middle School and High School Health Education Credits: 3

Three of the following (9)

- NUTR 201 - Human Nutrition Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- OR NUTR 405 - Child Health and Nutrition Credits: 3
- PHHE 315 - Introduction to Health Promotion Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  This is a society and culture general education course for the Health and Wellness Pathway.
- PHHE 404 - Drugs in Society Credits: 3
- PHHE 406 - Dimensions of Human Sexuality Credits: 3
- PHHE 408 - Mental and Emotional Health Credits: 3
- PHHE 410 - Coping with Death, Dying, and Loss Credits: 3
- PHHE 412 - Consumer Health Credits: 3

Six or more semester hours in the minor must be completed at NIU.

Minor in Nutrition, Health, and Wellness (24-26)

Check departmental information for any additional requirements.

Medical laboratory sciences and public health majors are eligible to complete this minor.

Requirements (21-24)

- BIOS 103 - General Biology Credits: 3
  Available for general education credit.
- OR BIOS 109 - Human Biology Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- OR BIOS 311 - Functional Human Anatomy Credits: 4
- OR BIOS 357 - Human Anatomy and Physiology Credits: 5
- CHEM 110 - Chemistry Credits: 3
  Available for general education credit.
- AND CHEM 111 - Chemistry Laboratory Credits: 1
  Available for general education credit.
- OR CHEM 210 - General Chemistry I Credits: 3
  Available for general education credit.
- AND CHEM 212 - General Chemistry Laboratory I Credits: 1
  Available for general education credit.
- NUTR 200A - Principles of Food Preparation Credits: 3
- NUTR 200B - Food Preparation Laboratory Credits: 2
- NUTR 201 - Human Nutrition Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.

Three of the following

- NUTR 306 - Nutrition in Relation to Health and Exercise Credits: 2-3
  Students should enroll in FCNS 306 for 2 semester hours if also taking KNPE 306.
- AND KNPE 306 - Sports Nutrition Credits: 1
  OR NUTR 306 - Nutrition in Relation to Health and Exercise (3)
- NUTR 308 - Current Problems and Trends in Nutrition and Foods Credits: 3
  FCNS 308 is a writing infused course.
- NUTR 405 - Child Health and Nutrition Credits: 3
- NUTR 406 - Global Food and Nutrition Issues Credits: 3
  FCNS 406 is a writing infused course.
  Available for general education credit.
  This is a nature and technology general education course for the Global Connections Pathway.
- NUTR 424 - Cultural and National Food Patterns Credits: 3
- PHHE 295 - Introduction to Public Health Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.

Six or more semester hours in Nutrition, Health, and Wellness course work must be completed at NIU.

Minor in Public Health (18)

Practical field training is required as part of the public health curriculum and student teaching is a required part of the health education curriculum. Students are advised that they are responsible for their own transportation to and from the training facilities and all costs associated with these activities.

The minor in public health is recommended for students in the social, behavioral, and physical sciences; education; or other fields who wish to understand the basic principles, methods, and practices of public health. The program

reserves the right to limit the number of minors accepted in any term due to class size limitations.

Medical laboratory sciences and nutrition, dietetics, and wellness majors are eligible to complete this minor.

Check departmental information for any additional requirements.

Requirements (18)

- PHHE 295 - Introduction to Public Health Credits: 3
  PHHE 295 fulfills the Human Diversity Requirement.
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- PHHE 315 - Introduction to Health Promotion Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Health and Wellness Pathway.
- PHHE 455 - Public Health Epidemiology Credits: 3
- PHHE 461 - Public Health and the U.S. Health Care System Credits: 3

Two of the following (6)

- HSCI 318 - Medical Terminology Credits: 3
- PHHE 351 - Elements of Environmental Health Credits: 3
- PHHE 431 - Applied Health Promotion Programming Credits: 3
- PHHE 437 - Assessment, Treatment, and Prevention of Drug and Alcohol Addiction Credits: 3
- PHHE 439 - Funding for Programs in Public Health Credits: 3
- PHHE 451 - Economic Issues in Public Health Credits: 3
- PHHE 453 - Financial Management of Health Care Organizations Credits: 3
- PHHE 467 - Public Health Research and Evaluation Credits: 3
  PHHE 467 is a Writing Infused course.
- PHHE 469 - Principles of Health Planning Credits: 3
  PHHE 469 is a Writing Infused course.

Six or more semester hours in public health course work must be completed at NIU.

Accelerated Integrated Degree

Accelerated B.S./M.P.H. Program in Public Health

Admission

The five-year accelerated program leads to both the B.S. and M.P.H. degrees in Public Health. Students who want to complete this program must identify themselves to the Public Health program as undergraduate majors. Eligibility requirements for application to the B.S./M.P.H. program are:

- Undergraduate majoring in Public Health
- Completion of at least 92 semester hours of undergraduate designated course work as approved by adviser
- Completion of approved course work for the B.S./M.P.H. program (see adviser)
- Minimum GPA of 3.25; no GRE required
- Completion of all application requirements, including transcripts, letters of recommendation, a statement of purpose, and a resume/curriculum vitae

Applications are due to the Graduate School no later than July 15 prior to the applicant's final undergraduate year, for fall semester matriculation into the program. Admission will be on a competitive basis, and the likelihood of admission will depend on the number and quality of the applicants to the program, the number and quality of applicants to the M.P.H. in general, as well as other factors normally considered in admissions decisions by the Graduate School and the Public Health program.

Interested students should talk to a public health adviser as early as possible.

Curriculum

Students must complete 92 semester hours of undergraduate designated course work as approved by adviser for the accelerated B.S. in Public Health to M.P.H. degree. Students accepted into the M.P.H. program will matriculate in the M.P.H. program in the fall of their final undergraduate year. The graduate-level courses taken in the B.S./M.P.H. are the same as those taken in the stand-alone M.P.H. program. Up to 18 semester hours of M.P.H. courses will be counted toward the 120 hours needed for the undergraduate degree. Students must complete all undergraduate requirements and receive their B.S. degree before the beginning of the fifth year. After completing one additional year of study in the M.P.H program, students will receive their M.P.H. degree.

Students must complete all the admission requirements for the Public Health B.S. accelerated degree as well as all general education requirements by the end of their junior year and have earned at least 92 semester hours. Beginning with the first semester of their senior year, students will start taking classes in the M.P.H. program as well as completing final university requirements. Successful completion of year 4 courses will count towards the final 28 semester hours of the undergraduate degree.

List of courses

AHLS 211 - Introduction to the Medical Laboratory Sciences

AHLS 300 - Urinalysis

AHLS 301 - Medical Immunology

AHLS 302 - Hematology/Hemostasis

AHLS 303 - Immunohematology

AHLS 308 - Body Fluids

AHLS 311 - Medical Immunology Laboratory

AHLS 312 - Hematology/Hemostasis Laboratory

AHLS 313 - Immunohematology Laboratory

AHLS 335 - Medical Diagnostic Mycology and Parasitology

AHLS 336 - Medical Diagnostic Microbiology

AHLS 337 - Medical Diagnostic Microbiology Laboratory

AHLS 344 - Medical Diagnostic Biochemistry

AHLS 345 - Medical Diagnostic Biochemistry Laboratory

AHLS 440 - Introduction to Teaching in the Allied Health Profession

AHLS 448 - Introduction to Research in Medical Laboratory Sciences

AHLS 450 - Laboratory Management Principles and Processes

AHLS 471 - Molecular Testing / Special Topics

AHLS 475 - Medical Laboratory Sciences Competency

AHLS 476 - Comprehensive Exams

AHLS 486 - Medical Laboratory Science Practicum I

AHLS 487 - Medical Laboratory Science Practicum II

AHLS 497 - MLT to MLS Integrated Experience

HLTH 473 - Topics in Health Studies

HLTH 494 - Independent Study in Health Studies

HLTH 498 - Seminar in Health Studies

HLTH 499 - Honors Capstone Project

NUTR 100 - Healthy Cooking

NUTR 200A - Principles of Food Preparation

NUTR 200B - Food Preparation Laboratory

NUTR 201 - Human Nutrition

NUTR 295 - Cooperative Education I for Nutrition, Health, and Wellness

NUTR 306 - Nutrition in Relation to Health and Exercise

NUTR 308 - Current Problems and Trends in Nutrition and Foods

NUTR 309 - Science of Nutrition

NUTR 310 - Applied Nutrition through the Life Cycle

NUTR 395 - Cooperative Education II for Nutrition, Health, and Wellness

NUTR 404 - Nutrition and Community Food Systems

NUTR 405 - Child Health and Nutrition

NUTR 406 - Global Food and Nutrition Issues

NUTR 409 - Nutrition Education for Health Promotion

NUTR 410 - Community Nutrition

NUTR 414 - Nutrition as Medicine

NUTR 415 - Medical Nutrition Therapy I

NUTR 416 - Medical Nutrition Therapy II

NUTR 420 - Management of Food and Nutrition Services

NUTR 424 - Cultural and National Food Patterns

NUTR 428 - Nutrition and Aging

NUTR 429 - Strategies for Modifying Nutrition Behaviors

NUTR 497 - Internship in Nutrition, Health, and Wellness

NUTR 498 - Professional Seminar for Nutrition and Dietetics

PHHE 206 - Contemporary Health Concepts

PHHE 220 - Introduction to Health Education

PHHE 295 - Introduction to Public Health

PHHE 300 - Health Education in the Middle and High School

PHHE 315 - Introduction to Health Promotion

PHHE 325 - Biostatistical Applications in Public Health

PHHE 351 - Elements of Environmental Health

PHHE 400 - Methods and Materials in Middle School and High School Health Education

PHHE 404 - Drugs in Society

PHHE 406 - Dimensions of Human Sexuality

PHHE 408 - Mental and Emotional Health

PHHE 409X - Water Quality

PHHE 410 - Coping with Death, Dying, and Loss

PHHE 412 - Consumer Health

PHHE 431 - Applied Health Promotion Programming

PHHE 433 - Principles of Long-Term Care Administration

PHHE 435 - Ethical Decision Making for Health Professionals

PHHE 437 - Assessment, Treatment, and Prevention of Drug and Alcohol Addiction

PHHE 439 - Funding for Programs in Public Health

PHHE 441 - Introduction to Health Care Administration

PHHE 451 - Economic Issues in Public Health

PHHE 453 - Financial Management of Health Care Organizations

PHHE 455 - Public Health Epidemiology

PHHE 461 - Public Health and the U.S. Health Care System

PHHE 463 - Public Health Informatics

PHHE 467 - Public Health Research and Evaluation

PHHE 469 - Principles of Health Planning

PHHE 487 - Public Health Pre-Internship Seminar

PHHE 489 - Internship in Public Health

Interdisciplinary Health Professions (HSCI, REHB, SIHP)

The School of Interdisciplinary Health Professions offers majors in health sciences (B.S.) with a degree completion emphasis, rehabilitation and disability Services (B.S.), and a minor in deafness. Degree paths in these majors prepare students for entering the workforce, professional degree programs, or advancement in health careers. Opportunities for skill development, academic success, and career exploration in health and rehabilitation-related fields are fostered through collaborative learning, cocurricular activities, and faculty mentoring. Academic offerings in the health sciences programs include prerequisite classes for medical laboratory sciences, nursing, and physical therapy programs with efficient course sequencing toward degree completion. Academic offerings in rehabilitation programs prepare students for entry level employment and preparatory course work for graduate studies in occupational therapy and rehabilitation counseling.

Majors in the School of Interdisciplinary Health Professions who are preparing for professional practice may be dismissed from a program on the basis of either academic deficiencies or nonprofessional performance. Specific criteria relating to these areas are made known to each student at the time the professional phase of a program is initiated.

Interdisciplinary Health Professions Faculty

Paul E. Priester, Ph.D., Loyola University Chicago, professor, chair
Daniel L. Boutin, Ph.D., The Pennsylvania State University, associate professor
Shondra Clay, Ph.D., University of Illinois, assistant professor
Bryan K. Dallas, Ph.D., Southern Illinois University Carbondale, associate professor
Abdoulaye Diallo, Ph.D., Michigan State University, associate professor
Melani Duffrin, Ph.D., Ohio University, professor
Beverly Henry, Ph.D., Loyola University Chicago, professor
Amanda K. McCarthy, Ed.D., Northern Illinois University, associate professor
Kathryn Mazurek, Ph.D., University of Illinois, assistant professor
Nahal Salimi, Ph.D., Southern Illinois University Carbondale, assistant professor

Majors

Health Sciences (B.S.)

The Bachelor of Science in health sciences program is designed to prepare the student to enter allied health and other health related fields. The health sciences program focuses on providing the student with a strong foundation through general education and health science-based curriculum with a focus on healthcare leadership skills, financial principles, management strategies, and standards to improve patient care. This major is intended for students interested in the fields of medical laboratory sciences, nursing, physical therapy, and other health professions.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Requirements in School (21)

- HSCI 310 - Introduction to Health and Human Sciences Credits: 3
- HSCI 318 - Medical Terminology Credits: 3
- HSCI 350 - Critical Thinking for Health and Human Services Professionals Credits: 3
- HSCI 410 - Legal and Ethical Issues for Health and Human Sciences Professionals Credits: 3
- HSCI 455 - Management of Financial Resources in Health and Human Sciences Organizations Credits: 3
- HSCI 460 - Research in Health and Human Sciences Credits: 3
  HSCI 460 is a writing infused course
- REHB 200 - Disability in Society Credits: 3
  Available for general education credit.
  REHB 200 also fulfills the Human Diversity Requirement.

Requirements outside School (15-16)

- ENGL 203 - Rhetoric and Composition II, Researched Writing in the Domains Credits: 3
  Available for general education credit.
- OR ENGL 204 - Rhetoric and Composition, Accelerated Researched Writing in the Domains Credits: 3
  Available for general education credit.
- HDFS 280 - Human Development, the Family, and Society Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- OR PSYC 225 - Lifespan Development: Childhood Through Adulthood Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Learning Pathway.
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.
- STAT 100 - Basic Statistics Credits: 3
  Available for general education credit.
- OR STAT 200 - Elementary Statistics Credits: 4
- GERO 365 - Overview of Gerontology Credits: 3

Select one of the following emphases:

Emphasis 1: Pre-Physical Therapy (44-46)

This emphasis is designed for students interested in pursuing a doctorate in physical therapy (DPT) or other health-related fields that require a graduate degree for entry-level practice. The required course work provides the foundation needed to enter many health-related professional programs. Limited retention program: students must maintain at least a 3.00 cumulative NIU GPA after a total of 45 post-secondary credits earned. Students not meeting this minimum cumulative GPA requirement will be changed to Emphasis 2 - General.

Requirements in School (3)

- AHPT 405 - Physical Therapy and the Rehabilitation Process Credits: 3

Requirements outside School (41-43)

- BIOS 208 - Fundamentals of Cellular Biology Credits: 3
- BIOS 209 - Fundamentals of Organismal Biology Credits: 3
- BIOS 210 - Fundamentals of Cellular Biology Laboratory Credits: 1
- BIOS 211 - Fundamentals of Organismal Biology Laboratory Credits: 1
- BIOS 355 - Human Physiology Credits: 4
- BIOS 357 - Human Anatomy and Physiology Credits: 5
- OR BIOS 311 - Functional Human Anatomy Credits: 4
- CHEM 210 - General Chemistry I Credits: 3
  Available for general education credit.
- CHEM 211 - General Chemistry II Credits: 3
  Available for general education credit.
- CHEM 212 - General Chemistry Laboratory I Credits: 1
  Available for general education credit.
- CHEM 213 - General Chemistry Laboratory II Credits: 1
  Available for general education credit.
- MATH 155 - Trigonometry and Elementary Functions Credits: 3
  Available for general education credit.
- OR MATH 229 - Calculus I Credits: 4
  Available for general education credit.
- NUTR 201 - Human Nutrition Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- OR NUTR 306 - Nutrition in Relation to Health and Exercise Credits: 2-3
- OR NUTR 308 - Current Problems and Trends in Nutrition and Foods Credits: 3
- PHYS 210 - General Physics I Credits: 4
  Available for general education credit.
- PHYS 211 - General Physics II Credits: 4
  Available for general education credit.
- PSYC 316 - Introduction to Psychopathology Credits: 3
  (Allow substitution with any three semester hour Abnormal Psychology course.)

Total Hours for Emphasis 1. Pre-Physical Therapy: (80-83)

Emphasis 2: General (31-41)

This emphasis is designed for students interested in pre-medical laboratory sciences (course work recommended as prerequisites for the medical laboratory sciences major) and pre-nursing (course work recommended as prerequisites for the nursing major) course offerings or entry into many other health related fields. Students should explore their academic and career goals regularly with their adviser and make course selections based upon those goals.

Requirements in School (6)

- HSCI 430 - Working with Diverse Populations in Health and Human Sciences Credits: 3
  HSCI 430 also fulfills the Human Diversity Requirement.
- HSCI 450 - Administration for Professionals in Health and Human Sciences Credits: 3

Requirements outside School (29-41)

- BIOS 103 - General Biology Credits: 3
  Available for general education credit.
  Course work recommended as prerequisites for the nursing major.
- AND BIOS 105 - General Biology Laboratory Credits: 1
  Course work recommended as prerequisites for the nursing major.
- OR BIOS 208 - Fundamentals of Cellular Biology Credits: 3
  Course work recommended as prerequisites for the medical laboratory sciences major.
- AND BIOS 210 - Fundamentals of Cellular Biology Laboratory Credits: 1
  Course work recommended as prerequisites for the medical laboratory sciences major.
- AND BIOS 209 - Fundamentals of Organismal Biology Credits: 3
  Course work recommended as prerequisites for the medical laboratory sciences major.
- AND BIOS 211 - Fundamentals of Organismal Biology Laboratory Credits: 1
  Course work recommended as prerequisites for the medical laboratory sciences major.
- BIOS 213 - Introductory Bacteriology Credits: 3
  Course work recommended as prerequisites for the medical laboratory sciences major.
  Course work recommended as prerequisites for the nursing major.
- OR BIOS 313 - Microbiology Credits: 4
  Course work recommended as prerequisites for the medical laboratory sciences major.
  Course work recommended as prerequisites for the nursing major.
- BIOS 357 - Human Anatomy and Physiology Credits: 5
  Course work recommended as prerequisites for the medical laboratory sciences major.
  Course work recommended as prerequisites for the nursing major.
- CHEM 110 - Chemistry Credits: 3
  Course work recommended as prerequisites for the nursing major.
- AND CHEM 111 - Chemistry Laboratory Credits: 1
  Course work recommended as prerequisites for the nursing major.
- OR CHEM 210 - General Chemistry I Credits: 3
  Course work recommended as prerequisites for the medical laboratory sciences major.
- AND CHEM 212 - General Chemistry Laboratory I Credits: 1
  Course work recommended as prerequisites for the medical laboratory sciences major.
- AND CHEM 211 - General Chemistry II Credits: 3
  Course work recommended as prerequisites for the medical laboratory sciences major.
- AND CHEM 213 - General Chemistry Laboratory II Credits: 1
  Course work recommended as prerequisites for the medical laboratory sciences major.

Select five of the following (13-16)

- AHLS 211 - Introduction to the Medical Laboratory Sciences Credits: 3
  Course work recommended as prerequisites for the medical laboratory sciences major.
- CHEM 310 - Introductory Organic and Biological Chemistry Credits: 3
  Course work recommended as prerequisites for the medical laboratory sciences major.
- AND CHEM 311 - Introductory Organic and Biological Chemistry Laboratory Credits: 1
  Course work recommended as prerequisites for the medical laboratory sciences major.
- COMD 220 - Introduction to Communicative Disorders Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Learning Pathway.
- HSCI 217 - Academic Success and Career Development in Health and Human Sciences Credits: 1-3
- NUTR 201 - Human Nutrition Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- PHHE 295 - Introduction to Public Health Credits: 3
  Available for general education credit.
  PHHE 295 fulfills the Human Diversity Requirement.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- PSYC 316 - Introduction to Psychopathology Credits: 3
- OR other course(s) as approved by adviser
- REHB 327 - Introduction to Rehabilitation Services Credits: 3
- REHB 372 - Introduction to Occupational Therapy Credits: 3
- REHB 493 - Counseling in Rehabilitation Services Credits: 3
- HSCI 497 - Internship in Health Sciences Credits: 3-12
- OR other course(s) as approved by adviser

Total Hours for Emphasis 2. General: (71-84)

Emphasis 3: Degree Completion

This off-campus/online emphasis is designed uniquely for health and human sciences professionals. Applicants must be practicing health or human sciences professionals who hold a current professional credential, certificate, or license in a health or human sciences field and have completed an applied associates degree program or equivalent number of

credits. The professional credential, certificate, or license must be in the field in which the applied associates degree or course work was earned.

The student who wishes to apply for this emphasis must

- be admitted to NIU
- have a cumulative GPA of at least 2.00
- submit a Health Sciences Degree completion application including a written professional goals statement and copy of the professional credential. The application is available via: http://niu.edu/ora/ or the College of Health and Human Sciences advising office.

Students may be awarded up to 30 semester hours of proficiency credit for the learning experiences and education in the discipline in which they hold certification and/or licensure. Proficiency credit will be awarded during the last semester prior to degree completion. Students in this emphasis are exempt from the 30 semester hour university residence requirement.

Requirements in School (7)

- HSCI 430 - Working with Diverse Populations in Health and Human Sciences Credits: 3
- HSCI 450 - Administration for Professionals in Health and Human Sciences Credits: 3
- HSCI 490 - Capstone in Health Sciences Credits: 1-3

Elective (3)

- PHHE 295 - Introduction to Public Health Credits: 3
  Available for general education credit.
  PHHE 295 fulfills the Human Diversity Requirement.
  This is a nature and technology general education course for the Health and Welless Pathway.
- OR selected with consent of adviser Credits: 3

  In addition, Health Sciences degree completion students must complete 30 semester hours at NIU, excluding proficiency credit.

Total Hours for Emphasis 3. Degree Completion: (46-47)

Rehabilitation and Disability Services (B.S.)

Students in this degree are preparing as entry-level professionals in the area of human/social services to persons with disabilities. The required courses provide a basic background in disability and rehabilitation concepts. Entry-level positions (e.g., job coach, job placement specialist, case manager) can be obtained by students with the baccalaureate degree. Students desiring clinical positions (e.g., rehabilitation counselor) must obtain a master's degree in Rehabilitation Counseling.

The student learning outcomes for this degree are located at www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for additional requirements.

Requirements in School (30)

- HSCI 318 - Medical Terminology Credits: 3
- REHB 200 - Disability in Society Credits: 3
  Available for general education credit.
  REHB 200 fulfills the Human Diversity Requirement.
- REHB 327 - Introduction to Rehabilitation Services Credits: 3
- REHB 482 - Employment Services in Vocational Rehabilitation Credits: 3
- REHB 492 - Medical Aspects of Disability in Rehabilitation Credits: 3
  REHB 492 is a writing infused course.
- REHB 493 - Counseling in Rehabilitation Services Credits: 3
- REHB 394 - Professional Practices in Rehabilitation Services Credits: 3
- REHB 495 - Assistive Technology in Rehabilitation Credits: 3

Two of the following:

- COUN 400 - Exploration in the Counseling Profession Credits: 3
  CAHC 400 fufills the Human Diversity Requirement.
- COMD 220 - Introduction to Communicative Disorders Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Learning Pathway.
- REHB 372 - Introduction to Occupational Therapy Credits: 3
- REHB 497 - Internship in Rehabilitation and Disability Services Credits: 3-12

Requirements outside School (18-19)

- COUN 211 - Career Planning Credits: 3
  CAHC 211 fulfills the Human Diversity Requirement.
- HSCI 460 - Research in Health and Human Sciences Credits: 3
  HSCI 460 is a writing infused course.
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.
- PSYC 225 - Lifespan Development: Childhood Through Adulthood Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Learning Pathway.

- OR HDFS 280 - Human Development, the Family, and Society Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- PSYC 316 - Introduction to Psychopathology Credits: 3
- STAT 100 - Basic Statistics Credits: 3
  Available for general education credit.
- OR STAT 200 - Elementary Statistics Credits: 4
  Available for general education credit.
- Course work chosen with adviser's approval (24) at least 9 semester hours at the 300-400 level and one course needs to be related to diversity.

  Note: Students considering Occupational Therapy graduate training are encouraged to enroll in BIOS 311 and BIOS 357.

Total Hours for Major in Rehabilitation and Disability Services: 72-73

Minor

Minor in Addiction Studies (21)

Health Sciences and Rehabilitation and Disability Services majors are eligible to complete this minor.

Students interested in pursuing the Certified Alcohol and Drug Counselor (CADC) credential should consult with an advisor.

Six or more semester hours in the minor must be taken at NIU.

Requirements (21)

- COUN 493 - Crisis Intervention in the Helping Professions Credits: 3
- HSCI 410 - Legal and Ethical Issues for Health and Human Sciences Professionals Credits: 3
- PHHE 404 - Drugs in Society Credits: 3
- PHHE 437 - Assessment, Treatment, and Prevention of Drug and Alcohol Addiction Credits: 3
- PSYC 316 - Introduction to Psychopathology Credits: 3
- REHB 200 - Disability in Society Credits: 3
  Available for general education credit
  Fulfills the Human Diversity Requirement
- REHB 300 - Psychiatric Disability in Society Credits: 3
  Available for general education credit

Minor in Deafness (21)

Health Sciences and Rehabilitation and Disability Services majors are eligible to complete this minor.

Six or more semester hours in the minor must be taken at NIU.

Check departmental information for additional requirements.

Requirements (21)

- COMD 300 - Introduction to Audiology Credits: 3
- FLSL 101 - Beginning American Sign Language I Credits: 3
- FLSL 102 - Beginning American Sign Language II Credits: 3
- FLSL 201 - Intermediate American Sign Language I Credits: 3
- FLSL 202 - Intermediate American Sign Language II Credits: 3
- REHB 200 - Disability in Society Credits: 3
  AHRS 200 also fulfills the Human Diversity Requirement.
- REHB 327 - Introduction to Rehabilitation Services Credits: 3
- OR COMD 421 - Aural Rehabilitation Credits: 3

Minor in Rehabilitation Counseling (18)

This minor is designed to allow students majoring in other fields to supplement their studies and gain introductory knowledge and skills related to working with people with disabilities. Nine or more semester hours must be taken at NIU. This minor is not open to Rehabilitation & Disability Services Majors.

Requirements (12)

- REHB 200 - Disability in Society Credits: 3
- REHB 327 - Introduction to Rehabilitation Services Credits: 3
- REHB 492 - Medical Aspects of Disability in Rehabilitation Credits: 3
- REHB 493 - Counseling in Rehabilitation Services Credits: 3

Choose two of the following (6)

- COMD 220 - Introduction to Communicative Disorders Credits: 3
- REHB 300 - Psychiatric Disability in Society Credits: 3
- REHB 482 - Employment Services in Vocational Rehabilitation Credits: 3
- REHB 495 - Assistive Technology in Rehabilitation Credits: 3
- REHB 497 - Internship in Rehabilitation and Disability Services Credits: 3-12
- SESE 320 - Disability in Film Credits: 3

Accelerated Integrated Degree

Accelerated B.S. in Rehabilitation and Disability Services/M.S. in Rehabilitation Counseling Program

Admission

This program leads to both the B.S. in Rehabilitation and Disability Services and the M.S. in Rehabilitation Counseling. This program is open to all B.S. in Rehabilitation and Disability Services majors who will have completed at least 96 semester hours with a 3.25 or better GPA. Students who have met these standards must also apply for admission to the M.S. in Rehabilitation Counseling program under the special provisions of this program. Students must meet Graduate School application deadlines. Interested students should talk with an adviser as early as possible and are encouraged to apply during their junior year.

Curriculum

Students must complete all the requirements for the B.S. in Rehabilitation and Disability Services (besides the 24 hours of advised course work) and the general education requirements before admission. Beginning with the first semester of their final undergraduate year, students will start taking classes in the M.S. in Rehabilitation Counseling program. These courses will count toward the final 12 credits of the undergraduate degree. Upon receiving their undergraduate degree, students will work with an adviser to establish a timeline for completion of the M.S. in Rehabilitation Counseling.

List of courses

HSCI 217 - Academic Success and Career Development in Health and Human Sciences

HSCI 310 - Introduction to Health and Human Sciences

HSCI 318 - Medical Terminology

HSCI 350 - Critical Thinking for Health and Human Services Professionals

HSCI 399 - Honors Seminar: Interprofessionalism in Health Sciences

HSCI 410 - Legal and Ethical Issues for Health and Human Sciences Professionals

HSCI 430 - Working with Diverse Populations in Health and Human Sciences

HSCI 450 - Administration for Professionals in Health and Human Sciences

HSCI 455 - Management of Financial Resources in Health and Human Sciences Organizations

HSCI 460 - Research in Health and Human Sciences

HSCI 490 - Capstone in Health Sciences

HSCI 497 - Internship in Health Sciences

REHB 200 - Disability in Society

REHB 300 - Psychiatric Disability in Society

REHB 327 - Introduction to Rehabilitation Services

REHB 372 - Introduction to Occupational Therapy

REHB 394 - Professional Practices in Rehabilitation Services

REHB 482 - Employment Services in Vocational Rehabilitation

REHB 492 - Medical Aspects of Disability in Rehabilitation

REHB 493 - Counseling in Rehabilitation Services

REHB 495 - Assistive Technology in Rehabilitation

REHB 497 - Internship in Rehabilitation and Disability Services

SIHP 498 - Independent Study

Military Science (MILS)

Army ROTC at NIU is specifically designed to give college students training and experience in the art of organizing, motivating, and leading others, while completing their studies for a baccalaureate degree in an academic discipline of their own choice. Completion of the program leads to a commission in the U.S. Army. The Reserve Officer Training Corps (ROTC) is open to all eligible full-time students, both male and female. A total of 28 semester hours of academic credit is available and is applicable to graduation requirements as elective credit. The curriculum is centered on an applied leadership training program which is designed to develop personal traits and qualities essential to successful leadership in civilian life as well as the military environment. Students who enroll in the first two years (basic course) of Army ROTC have no military service obligation. Those who complete the advanced program and are commissioned serve in the active Army, Army National Guard, or U.S. Army Reserves.

Army ROTC Programs

Basic Course. The basic course, normally completed during the freshman and sophomore years, provides the student with a general knowledge of the military's role in society and the missions of the Army. Subjects include leadership, land navigation, marksmanship, military history, and basic military skills. Students enroll in one military science course each semester. Additionally, a weekend field training exercise is required each semester. It is possible for a sophomore to complete the basic course in one year through prior arrangement with the department. The basic course consists of the first two years of Army ROTC classes including MILS

101, MILS 102, MILS 201, and MILS 202. Non-scholarship students who participate in or complete the basic program have no military service obligation.

Advanced Course. The advanced course is the professional phase of the ROTC program. Upon satisfactory completion of the required ROTC courses and the professional military education (PME) component, the student is eligible for a commission as a Second Lieutenant in the active Army, the Army National Guard, or the U.S. Army Reserve. The professional phase includes courses in leadership skills, training, personnel management, ethics, military justice, and military tactics. During the two years of the advanced course, students enroll in one military science course per semester. Additionally, a weekend field training exercise is required each semester. The advanced course consists of the final two years of Army ROTC classes including MILS 301, MILS 302, MILS 401, MILS 402, HIST 379, and attendance at the Leadership Development and Assessment Course (Advanced Internship in Military Science, MILS 350).

Placement into the advanced course requires credit for the basic course, but this requirement can be satisfied several different ways. Completion of the basic course classes (MILS 101, MILS 102, MILS 201, and MILS 202), or completion of the Basic Internship in Military Science (MILS 325), or completion of an armed services basic training course, or credit for JROTC satisfies the requirement for up to two years of basic course credit. Additionally, a student must have a minimum of 60 semester hours.

Leadership Laboratory. Leadership laboratories are taught in conjunction with military science classes. Each laboratory is two hours long; the first hour and a half consists of basic military skills training and the last 30 minutes is the orders process. The primary objective of leadership labs is to serve as a vehicle for leadership development. During leadership labs, MSIV and MSIII cadets perform respective supervisory roles as officers and noncommissioned officers (NCOs), while MS I and II cadets perform hands-on tasks that complement classroom instruction.

Pay

Stipend. Cadets who have contracted (agreed to receive a commission in active Army, Army National Guard, or U.S. Army Reserves), or have received a federal scholarship will receive a monthly tax-free stipend for up to 10 months a school year. Contact department for current stipend amounts.

Cadets will receive pay for attending the Basic Internship in Military Science (MILS 325) at Fort Knox, Kentucky, and the Advanced Internship in Military Science (MILS 350) at Fort Lewis, Washington.

Veterans are permitted to receive G.I. Bill benefits and state benefits as well as the monthly subsistence allowance while enrolled in the advanced course.

Scholarships

Four-, three-, and two-year Army ROTC scholarships are available and awarded on a competitive basis. These scholarships will pay graduate and undergraduate student tuition, fees listed in the course catalog, and provide an allowance each semester for textbooks, supplies, and equipment. Scholarship students must meet university admission criteria, pass the Army Physical Fitness Test (APFT), and pass a Department of Defense (DOD) medical exam. All federal scholarship students will incur a military service obligation. Students desiring to apply for a scholarship should contact the department chair. Any student selected for a federal scholarship may request assignment with the U.S. Army Reserves, National Guard, or Active Duty after commissioning. Typically, federal scholarship students receive Active Duty assignments.

Guaranteed Reserve Forces Duty (GRFD) scholarships are available for two- or three-year terms for a student or active reservist. A GRFD scholarship allows a student to request assignment with the U.S. Army Reserves or National Guard after commissioning. With rare exception can a student with a GRFD scholarship request Active Duty. The advantage to this scholarship is that the student will serve in a drilling reservist status in a location and unit of their choosing. Cadets commissioned into the Reserves can maintain a civilian profession and military profession. These scholarships will pay graduate and undergraduate student tuition, as well as required fees, and provide an allowance per semester for textbooks, supplies, and equipment. Students who are awarded this scholarship are required to serve in the Simultaneous Membership Program (SMP), and incur an eight-year service obligation in the Army National Guard or Army Reserves.

Simultaneous Membership Program (SMP)

Any nonfederal scholarship advanced course cadet may participate in the SMP by enlisting in the Army National Guard or U.S. Army Reserve. The purpose of the SMP is to provide an off-campus officer training experience and familiarize advanced course cadets with opportunities for commissioned service in Reserve Component units. Soldiers participating in the SMP will attend drill one weekend per month and two weeks per year (typically in the summer) with a respective reserve unit as a cadet, and are entitled to pay in the grade of sergeant (E-5) for drill attendance.

Illinois Tuition And Housing Waivers

Army ROTC offers 40 tuition waivers and 20 housing waivers each semester. These waivers are available on a competitive basis to students without incurring a military obligation. The tuition waiver is offered by the State of Illinois and exempts the holder from payment of full tuition and limited fees. Similarly, the housing waiver exempts the holder from payment of room costs based on standard double room occupancy rates. To be eligible for the waiver, a student must be: a resident of the State of Illinois, a full-time student, at least 17 and not more than 29 years old at time of graduation,

and have a 2.50 GPA (male applicants must be registered for the selective service). The waiver applications are available at the department office in the Chick Evans Field House. Waivers must be reapplied for each semester and will be granted on merit.

Eligibility

To enroll in the military science basic program leading to an officer's commission the student must be

- a citizen of the United States or lawfully admitted to the U.S. for permanent residence under applicable provisions of the Immigration and Naturalization Act, and at least 17 years of age. Parental consent is necessary if a student is under 17.
- a full-time enrolled student at NIU.
- able to complete the ROTC program and receive a baccalaureate degree prior to reaching 30 years of age. The age requirements may be waived in some cases, especially for those with prior military service and those majoring in nursing.
- physically and mentally qualified and of good moral character.

Interested personnel should contact the department chair for more information concerning the eligibility requirements, as waiver requests will be accepted on a case-by-case basis.

Students who do not meet the above criteria, and cannot receive a waiver, may enroll in military science classes for academic credit but will not be eligible for appointment as commissioned officers. Entering freshmen should register for MILS 101 at the same time they register for other classes. Sophomores with no previous ROTC experience may register for both the freshman and sophomore courses and become eligible to enter the advanced course at the beginning of the junior year. Juniors and seniors who wish to register for the basic program are requested to confer with the chair of the Department of Military Science prior to enrollment.

Air Force ROTC

NIU students may enroll in Air Force ROTC through 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 and pay up to full tuition and fees and a monthly subsistence allowance. Illinois State Tuition Waivers are also available to qualified students. All members of the professional officer course also receive the monthly subsistence allowance. The Air Force ROTC courses are taught at IIT. For more information on Air Force ROTC, call (312) 567-3525/3526 or stop by the Stuart Building (IIT campus) in Chicago. The IIT detachment website is http://www.afrotc.iit.edu/.

Military Science Faculty

Lieutenant Colonel, Andrew J. Spring, M.A., University of Louisville, Higher Education Administration, Professor of Military Science
Master Sergeant Eric Chappel, Senior Military Instructor
Major Chad Budenski, Assistant Professor of Military Science
Sergeant First Class Chad Kelly, Assistant Professor of Military Science
Troy Albuck, Assistant Professor of Military Science
Staff Sergeant Matthew Oliva, Assistant Professor of Military Science

Minor

Minor in Military Science (28)

The department offers a structured curriculum incorporating the U.S. Army's Basic Officer Leadership Course (BOLC) I program and academic studies that meet the U.S. Army's precommissioning requirements. Students pursue academic majors in colleges of their choice. Award of the minor will be linked to successful completion of core requirements and two approved elective courses.

This academic minor is open to all students, both those seeking a commission in the U.S. Army and those desiring to expand their knowledge of military science. The minor is not a requirement to obtain a commission. Prior military service may be considered for proficiency credit towards lower division courses in the minor.

Check departmental information for any additional requirements.

Requirements (28)

Foundational Courses

- MILS 101 - Introduction to the Army and Critical Thinking Credits: 2
- MILS 102 - Adaptive Leadership and Professional Competence Credits: 2
- MILS 201 - Leadership and Decision Making Credits: 2
- MILS 202 - Army Doctrine and Team Development Credits: 2

Plus the following

- MILS 301 - Training Management and the Warfighting Functions Credits: 3
- MILS 302 - Applied Leadership in Small Unit Operations Credits: 3
- MILS 401 - The Army Officer Credits: 4
- MILS 402 - Company Grade Leadership Credits: 4

Course work from the following (6)

- MILS 350 - Advanced Internship in Military Science Credits: 3
  Available to contracted cadets only.
  or
- MILS 495 - Independent Study Credits: 3

Military history

- HIST 379 - American Military History Credits: 3
  (Also meets PME requirement for commissioning.)
- HIST 425 - World War II Credits: 3
- HIST 476 - American Foreign Relations to 1914 Credits: 3
  HIST 476 also fulfills the Human Diversity Requirement.
- HIST 477 - American Foreign Relations Since 1914 Credits: 3
  HIST 477 is also a writing infused course.
  HIST 477 also fulfills the Human Diversity Requirement.
- POLS 382 - Topics in Contemporary Security Credits: 3
- POLS 388 - U.S. National Security Policy Credits: 3
- SOCI 363 - Sociology of the Military Credits: 3

Management/National security studies

- ACCY 288 - Fundamentals of Accounting Credits: 3
- MGMT 335 - Managing Individuals, Teams, and Organizations Credits: 3
- MGMT 355 - Human Resource Management Credits: 3
- OMIS 327 - Decision Analysis Credits: 3
- OMIS 351 - Information Systems in Organizations Credits: 3
- POLS 285 - Introduction to International Relations Credits: 3
- POLS 380 - American Foreign Policy Credits: 3
- TECH 402 - Industrial Training and Evaluation Credits: 3
- TECH 404 - Supervision in Industry Credits: 3

Special Requirements

Students interested in pursuing a commission in the United States Army should contact the Department of Military Science chair concerning contract eligibility and advanced course requirements as early as possible but preferably not later than the second semester of their sophomore year. Elective course selection for contracted students must include as a minimum 3 semester hours in military history (HIST 379) or an approved equivalent.

List of courses

MILS 101 - Introduction to the Army and Critical Thinking

MILS 102 - Adaptive Leadership and Professional Competence

MILS 201 - Leadership and Decision Making

MILS 202 - Army Doctrine and Team Development

MILS 301 - Training Management and the Warfighting Functions

MILS 302 - Applied Leadership in Small Unit Operations

MILS 325 - Basic Internship in Military Science

MILS 350 - Advanced Internship in Military Science

MILS 401 - The Army Officer

MILS 402 - Company Grade Leadership

MILS 495 - Independent Study

Nursing (NURS)

Admission to the major in nursing in the School of Nursing is limited. See "Limited Admissions and Limited Retention Requirements" in the Admission section of this catalog.

The School of Nursing offers majors in nursing (B.S.) and baccalaureate degree completion. Students interested in one of the school's majors or minors should contact the college advising office as early as possible. Failure to do so could result in delayed graduation.

Majors in the School of Nursing who are preparing for professional practice may be dismissed from a program on the basis of either academic deficiencies or nonprofessional performance. Specific criteria relating to these areas are made known to each student at the time the professional phase of a program is initiated. The Undergraduate Nursing Student Handbook contains additional policies related to admission and progression through the nursing program.

Nursing Program

The School of Nursing offers the B.S. degree with a major in nursing, successful completion of which qualifies the graduate to take the National Council Licensure Examination (NCLEX-RN) required for licensure as a registered professional nurse (R.N.). The Illinois Department of Professional and Financial Regulation requires a criminal background check prior to taking the NCLEX-RN examination. A final determination of eligibility for licensure can only be made after an application for license by examination has been submitted by the graduate. An R.N. degree-completion option is offered to registered nurses who want to earn a baccalaureate degree in nursing.

The nursing program at NIU prepares the professional nurse for leadership roles in patient care within the entire spectrum of health care agencies and settings. A variety of agencies in northern Illinois are used as clinical laboratory facilities for students. Experiences in the clinical settings are chosen to augment and demonstrate selected aspects of nursing theory.

Graduates are prepared to function with baccalaureate competencies in the delivery of nursing care, in the improvement of health care delivery systems, in utilizing the knowledge of the physical and social sciences as integral aspects of nursing, and in entering graduate programs to increase their nursing competencies and skills. The baccalaureate curriculum is approved by the Committee on Nursing of the Illinois Department of Financial and Professional Regulation and accredited by the Commission on Collegiate Nursing Education.

All students are admitted to the nursing program provisionally until they meet the clinical requirements (HERE).

All clinical requirements are to be maintained throughout the nursing program as outlined in the Undergraduate Nursing Student Handbook.

General Information

Only students admitted as undergraduate nursing majors may enroll in the undergraduate nursing courses, with the exception of NURS 302 which is open to non-nursing majors. Admitted students must have all prerequisite courses completed with a grade of C or better to begin nursing courses. Transfer students are encouraged to contact a program adviser before enrolling to determine whether prior course work satisfies prerequisites. Exceptions may be considered on a case-by-case basis for graduate students in nursing who need to eliminate deficiencies. New freshman and transfer students who enroll as full-time students must plan on a minimum of five semesters to complete the required nursing courses.

In addition to the usual costs for a university student, the nursing major will be responsible for the costs involved in

- student nurse uniforms to be worn in all clinical courses;
- equipment, e.g., a watch with sweep second hand and a stethoscope;
- providing own transportation for the clinical courses (NURS 303, NURS 313, NURS 323, NURS 333, NURS 343, NURS 433, NURS 443, NURS 453, NURS 492, and NURS 493);
- professional liability insurance;
- criminal background checks and drug screening;
- clinical requirement fees; and
- fees for certain courses.

Students enrolled in clinical nursing courses must complete all prerequisites.

R.N.-B.S. in Nursing Completion Option

The R.N.-B.S. in nursing completion option is designed to award credit to registered nurses for their recent education and previous learning experiences in the field of nursing. Students who are admitted early via a partnership agreement with another institution, course work from that institution will be recognized and credit awarded prior to graduation. Registered nurse degree-completion students must plan on a minimum of at least three semesters to complete the required nursing courses. See "Admission" for further information. Upon successful completion of NURS 347, the R.N. student will receive 33 semester hours of credit for NURS 303, NURS 305, NURS 313, NURS 314, NURS 315, NURS 316, NURS 318, NURS 319, NURS 323, NURS 333, NURS 343, NURS 422, and NURS 433. This credit will be held in "escrow" and will be posted to the student's transcript upon successful completion of 12 semester hours of nursing credit with a grade of C or better. Students in this option are exempt from the 30 semester hour university residence requirement.

Registered nurses who graduated within the past five years from a nursing program will automatically be granted the appropriate number of escrow credits provided they have practiced as a registered nurse within the past five years. Registered nurses who graduated more than five years ago who have not practiced as a registered nurse within the past five years will need to provide evidence of a refresher course. RNs who must take a refresher course may be provisionally admitted to the nursing program. Students who are provisionally admitted to the RN-B.S. option may only take NURS 492 and NURS 493 once fully admitted. In order to receive a baccalaureate degree, the R.N.-B.S. completion student is required to complete the following courses with a grade of C or better: NURS 306, NURS 308, NURS 317, NURS 347, NURS 432, NURS 419, NURS 488, NURS 492, and NURS 493.

It is highly recommended that students intending to transition into the master's program see the academic adviser to plan their sequence of courses early in their program of study.

Academic Warning/Retention

Students will receive an Academic Warning in any of the following circumstances:

1. Freshman nursing students who fail to achieve a GPA between 2.5 and 2.74 at the completion of the second semester.
2. R.N. students whose cumulative GPA falls between 2.5 and 2.74 after completing nine semester hours at NIU.
3. All other nursing students whose cumulative GPA is between 2.5 and 2.74
4. A nursing student who receives two grades of D or F or U in any combination of NURS courses.
5. Unprofessional behavior or actions which threaten the health and safety of patients, students, faculty or staff are in violation of the Professional Conduct Attestation.

Students who receive an Academic Warning for a grade of D or F in a core nursing course in the prelicensure program (NURS 304, NURS 305, NURS 308, NURS 314, NURS 315, NURS 316, NURS 318, NURS 319, NURS 419, NURS 422, NURS 431, NURS 432) will be required to enroll in NURS 380 (Promoting Academic and Career Success in Nursing), the following semester. Students must then complete NURS

380 with a C or higher to continue in the nursing program. Also, in the following semester, students must repeat any required nursing course in which they received a grade of D, F, or U and complete the course(s) with a C or higher.

Students who receive an Academic Warning for unprofessional behavior (5) above will be required to comply with the professional standards outlined in the Professional Conduct attestation, and sign a contract indicating that they will adhere to professional conduct at all times, and/or any additional measures that a faculty member deems necessary to meet safe and professional behaviors.

Students may only receive one Academic Warning prior to dismissal.

Dismissal

1. Dismissal from the Nursing program for academic reasons will occur if the requirements for successful remediation of the Academic Warning are not met. Additionally, students must maintain a GPA of 2.75 or greater during the semester following the academic warning period or will be dismissed. If the student is dismissed from the program, any petition for reentry will not be considered unless the student has experienced a catastrophic life event.
2. Dismissal will occur for a student's confirmed positive drug tests who fails to provide appropriate documentation from a health care provider. There is no appeal.
3. Dismissal will occur for failure to meet Professional Standards Procedure whose clinical performance constitutes unsafe practice as in #5 under Academic Warning. There is no appeal.

Appeal of Dismissal for Catastrophic Reasons

If the student is dismissed from the program for academic reasons, a petition for reentry will be considered for a catastrophic life event that:

(a) clearly impacted the student's ability to be successful in the program; and

(b) is documented by a third party (medical, legal, or death documentation)

Reentry to the nursing program after dismissal is highly selective. Readmission decisions are based upon the student's clear potential for future academic success in their course work, including the Evolve HESI exams (based on previous coursework and transcripts). Reentry to the program is not guaranteed.

It is the responsibility of students to secure a copy of the dismissal policy from the office of the School of Nursing. This policy is in the Undergraduate Nursing Handbook.
For additional information specific to the policy see the link to the NIU Nursing Student handbook found here: https://www.chhs.niu.edu/nursing/resources.shtml

Essential Performance Components

All students interested in enrolling and remaining in the undergraduate or graduate nursing program at NIU must possess performance component skills necessary to assess a patient's biopsychosocial needs and to analyze collected data in order to identify patient problems, plan and implement independent and collaborative interventions, and evaluate the care provided and the patient's responses to care. Specific observation, communication, motor cognitive, psychosocial, and behavioral requirements provide candidates with the ability to carry out the responsibilities of a student nurse providing direct or indirect patient care. A student must, with or without reasonable accommodation, possess these performance component skills upon admission to the nursing program and maintain these essential components throughout the program.

Manual Dexterity-use sterile technique; insert catheters (Foley, NG, IV); perform venipunctures; prepare medications and administer (PO, IM, IV); manipulate small objects (lancet, stopcock); open and close medication containers.

Mobility-remain at patient's side for a prolonged period of time for purposes of monitoring and frequent assessments; perform CPR; assist in lifting and moving patients and patient care materials (bed, chair); move independently to and from patient care areas.

Processing Patient Information-respond to communication by patients with or without direct view of patient's face; respond to monitor alarms, emergency signals, call bells from patients, and orders in a rapid and effective manner; accurately assess blood pressures, heart, lung, vascular, and abdominal sounds; accurately read a thermometer; identify cyanosis, absence of respirations, and movements of patients rapidly and accurately; accurately process information on medical containers, physicians' orders, and monitor and equipment calibrations, printed documents, flow sheets, graphic sheets, medication administration records, and other medical records.

Math Competency-tell time; use measuring tools (tape measure, scale); add, subtract, multiply, and divide; record numbers; calculate medication dosages (PO, IM, IV) and intravenous solution rates.

Emotional Stability-provide emotional support to patients; adapt rapidly to environmental changes and multiple task demands (new admission, patient going to therapy or surgery); maintain adequate concentration and attention in patient care settings; maintain behavioral decorum in stressful situations (avoid inappropriate laughter, jokes, comments).

Cognitive Processing-transfer knowledge from one situation to another (classroom to patient care); assess patient needs based on understanding and synthesis of patient information (know comorbidities, complex

problems); develop effective care plans based on assessments; prioritize tasks to ensure patient safety and standards of care (administer medications and treatments on time); organize and retain information in basic knowledge and skills areas (frequently administer medications and treatments).

Critical Thinking-identify cause and effect relationships (religious, ethnic, cultural); sequence information in a manner that is logical and understood by others; make sound clinical judgments and decisions based on standards of nursing care; seek assistance when clinical situation requires a higher level of expertise/experience.

Interpersonal/Communication Skills-respect differences in patients; establish and maintain effective working relations with patients and co-workers; teach and provide information in an accurate and effective manner; report critical patient information to other caregivers; convey information to others through graphic, print, and/or electronic media in an accurate, timely, and comprehensible manner.

Online R.N./B.S. Courses

Registered nurses who are seeking baccalaureate preparation leading to a B.S. degree with a major in nursing are served via online, technology-enhanced courses. Online course requirements coincide with on-campus requirements in the degree completion option. Students wishing additional information should contact the School of Nursing.

Nursing Faculty

Susan Caplan, Ph.D., Yale University, Chair, associate professor
Derryl Block, Ph.D., University of Pennsylvania, professor
Cathy Carlson, Ph.D., Indiana University, professor
Jie Chen, Ph.D., University of Cincinnati, associate professor
Marcia Cooke, DNP, Loyola University, assistant professor
Katherine Coulter, DNP., Chamberlain College of Nursing, assistant professor
Kari Hickey, Ph.D., Illinois State University, associate professor
Mary Hintzsche, DNP, Rush University, clinical assistant professor
Susan Matthew, DNP, Rush University, clinical assistant professor
Juan Mercado, DNP, University of Illinois, Chicago, clinical assistant professor
Elizabeth Moxley, Ph.D., University of Illinois, assistant professor
Nancy Petges, Ed.D., Northern Illinois University, assistant professor
Linda Rood, DNP, Southern Illinois University, clinical assistant professor
Jeanette Rossetti, Ed.D., Northern Illinois University, Presidential Teaching Professor
Anitha Saravanan, Ph.D., Loyola University, assistant professor
Cris Sabio, Ph.D., Capella University, assistant professor
Kristen Selig, Ph.D., University of Wisconsin-Milwaukee, clinical assistant professor
Tanya Tanzillo, DNP, Southern Illinois University, clinical assistant professor

Majors

Nursing (B.S.)

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Requirements in School (60)

- NURS 302 - Professional Nursing Credits: 3
- NURS 303 - Foundations of Nursing Clinical Credits: 2
- NURS 304 - Health Assessment Credits: 2
- AND NURS 307 - Health Assessment Application Credits: 1
- NURS 305 - Foundations of Nursing Credits: 3
- NURS 308 - Alterations in Biological Systems Credits: 3
- NURS 313 - Adult Health Across the Lifespan Clinical Credits: 2
- NURS 314 - Mental Health Nursing Credits: 3
- NURS 315 - Adult Health Across the Lifespan I Credits: 3
- NURS 316 - Pharmacology Credits: 3
- NURS 317 - Nursing Research and Evidence-Based Practice Credits: 3
  NURS 317 is a writing infused course.
- NURS 318 - Adult Health Across the Lifespan II Credits: 3
- NURS 319 - Nursing Care of the Childbearing Family Credits: 3
- NURS 323 - Mental Health Nursing Clinical Credits: 2
- NURS 333 - Adult Health Across the Lifespan II Clinical Credits: 2
- NURS 343 - Childbearing Family Clinical Credits: 2
- NURS 419 - Population-Focused Nursing Credits: 3
- NURS 422 - Child Health Nursing Credits: 3
- NURS 431 - Transition to Professional Nursing Credits: 3
  Prelicensure students only.
  NURS 431 is a writing infused course.
- NURS 432 - Processes for Nursing Leadership Credits: 3
- NURS 433 - Child Health Nursing Clinical Credits: 2
- NURS 443 - Population-Focused Nursing Clinical Credits: 2
- AND NURS 453 - Capstone Clinical Credits: 4

Nursing RN Degree Completion (RN-B.S.)

Requirements in School (28)

- NURS 306 - Health Assessment for Nursing Practice Credits: 3
- NURS 308 - Alterations in Biological Systems Credits: 3
- NURS 317 - Nursing Research and Evidence-Based Practice Credits: 3
  NURS 317 is a writing infused course.
- NURS 347 - Concepts of Professional Nursing Credits: 4
- NURS 408 - Genetics and Human Genomics for Nurses Credits: 1
- NURS 419 - Population-Focused Nursing Credits: 3
- NURS 432 - Processes for Nursing Leadership Credits: 3
- NURS 488 - Nursing Ethics and the Law Credits: 3
- NURS 492 - Practicum in Leadership and Population-Focused Nursing I Credits: 3
  NURS 492 is a writing infused course.
- NURS 493 - Practicum in Leadership and Population-Focused Nursing II Credits: 3
- Upon successful completion of NURS 347, the RN-BS student will receive 33 semester
  hours of credit for NURS 303, NURS 305, NURS 313, N URS 314, NURS 315, NURS 318, NURS 319, NURS 323, NURS 333, NURS 336, NURS 343, NURS 422, and NURS 433. This credit will be held in "escrow" and will be posted to the student's transcript upon successful completion of 12 semester hours of nursing credit with a grade of C or better.

Requirements outside School (31-33)

- BIOS 103 - General Biology Credits: 3
- AND BIOS 105 - General Biology Laboratory Credits: 1
- BIOS 213 - Introductory Bacteriology Credits: 3
- OR BIOS 313 - Microbiology Credits: 4
- BIOS 357 - Human Anatomy and Physiology Credits: 5
- CHEM 110 - Chemistry Credits: 3
  Available for general education credit.
- AND CHEM 111 - Chemistry Laboratory Credits: 1
- OR CHEM 210 - General Chemistry I Credits: 3
  Available for general education credit.
- AND CHEM 212 - General Chemistry Laboratory I Credits: 1
- ENGL 203 - Rhetoric and Composition II, Researched Writing in the Domains Credits: 3
- OR ENGL 204 - Rhetoric and Composition, Accelerated Researched Writing in the Domains Credits: 3
- HDFS 280 - Human Development, the Family, and Society Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- OR PSYC 225 - Lifespan Development: Childhood Through Adulthood Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Learning Pathway.
- NUTR 201 - Human Nutrition Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Health and Wellness Pathway.
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.
- STAT 100 - Basic Statistics Credits: 3
  Available for general education credit.
- OR STAT 200 - Elementary Statistics Credits: 4

Total Hours for a Major in Nursing: 91-93 (B.S.)/92-94 (RN-B.S.)

List of courses

NURS 302 - Professional Nursing

NURS 303 - Foundations of Nursing Clinical

NURS 304 - Health Assessment

NURS 305 - Foundations of Nursing

NURS 306 - Health Assessment for Nursing Practice

NURS 307 - Health Assessment Application

NURS 308 - Alterations in Biological Systems

NURS 313 - Adult Health Across the Lifespan Clinical

NURS 314 - Mental Health Nursing

NURS 315 - Adult Health Across the Lifespan I

NURS 316 - Pharmacology

NURS 317 - Nursing Research and Evidence-Based Practice

NURS 318 - Adult Health Across the Lifespan II

NURS 319 - Nursing Care of the Childbearing Family

NURS 323 - Mental Health Nursing Clinical

NURS 333 - Adult Health Across the Lifespan II Clinical

NURS 343 - Childbearing Family Clinical

NURS 347 - Concepts of Professional Nursing

NURS 350 - Individual Study in Nursing

NURS 353 - Clinical Internship: Focused Experiences in Nursing

NURS 380 - Promoting Academic and Career Success in Nursing

NURS 408 - Genetics and Human Genomics for Nurses

NURS 419 - Population-Focused Nursing

NURS 422 - Child Health Nursing

NURS 425 - Nursing Informatics

NURS 431 - Transition to Professional Nursing

NURS 432 - Processes for Nursing Leadership

NURS 433 - Child Health Nursing Clinical

NURS 435 - Gerontological Nursing

NURS 443 - Population-Focused Nursing Clinical

NURS 453 - Capstone Clinical

NURS 463 - Practicum in Leadership and Population-Focused Nursing

NURS 480 - Special Topics in Nursing

NURS 488 - Nursing Ethics and the Law

NURS 492 - Practicum in Leadership and Population-Focused Nursing I

NURS 493 - Practicum in Leadership and Population-Focused Nursing II

NURS 499 - Senior Project in Nursing

College of Liberal Arts and Sciences

Robert Brinkmann, Ph.D., dean
E. Taylor Atkins, Ph.D., associate dean for undergraduate affairs
Leslie Matuszewich, Ph.D., associate dean for research and graduate affairs
Bárbara González, Ph.D., associate dean for academic administration

The departments of the College of Liberal Arts and Sciences offer baccalaureate programs leading to the degrees Bachelor of Arts (B.A.) and Bachelor of Science (B.S.). The College of Liberal Arts and Sciences offers a contract major leading to a B.A. or B.S. degree or to the degree Bachelor of General Studies (B.G.S.).

Department Names and Undergraduate Programs Offered

School of Public and Global Affairs (NNGO, POLS, PSPA)
See also the Center Nonprofit and NGO Studies, Department of Political Science, and Department of Public Administration for a complete list of programs.

Department of Anthropology
B.A. and B.S. in anthropology

Department of Biological Sciences
B.S. in biological sciences

Department of Chemistry and Biochemistry
B.S. in chemistry

Department of Communication
B.A. and B.S. in communication studies
B.A. and B.S. in journalism

Department of Computer Science
B.S. in computer science

Department of Economics
B.A. and B.S. in economics

Department of English
B.A. in English

Environment Sustainability and Energy Institute
B.A. and B.S. in environmental studies

Department of Geographic and Atmospheric Sciences
B.A. and B.S. in geography
B.S. in meteorology

Department of Geology and Environmental Geosciences
B.S. in geology and environmental geosciences

Department of History
B.A. and B.S. in history

Department of Mathematical Sciences
B.S. in mathematical sciences

Center for Nonprofit and NGO Studies
B.A. and B.S. in Nonprofit and NGO Studies

Department of Philosophy
B.A. and B.S. in philosophy

Department of Physics
B.S. in physics

Department of Political Science
B.A. and B.S. in political science

Department of Psychology
B.A. and B.S. in psychology

Department of Public Administration

Department of Sociology
B.A. and B.S. in sociology

Department of Statistics and Actuarial Science
B.S. in actuarial science
B.S. in statistics

Center for the Study of Women, Gender, and Sexuality
B.A. and B.S. in Women, Gender, and Sexuality Studies

Department of World Languages and Cultures
B.A. in French
B.A. in German
B.A. in Spanish

College Mission Statement

The College of Liberal Arts and Sciences fosters the generation, dissemination, and preservation of knowledge as the foundation of a liberal education. The mission of the college is to provide high-quality education that contributes to the intellectual growth, self-discovery, and enhanced expertise of all members of the university community. The college makes available to the widest possible audience the rich cultural and scientific legacy represented by the disciplines that make up the liberal arts and sciences. Because bodies of knowledge do not exist in isolation, the college promotes interdisciplinary inquiry and is committed to the integration of teaching, scholarship, and service. The research and scholarship in the college permeate teaching and service, generating a wide range of opportunities for faculty and students to work together in transmitting, expanding, and applying knowledge. The college programs are designed to serve the university, its students, and the residents of the region, the country, and the world. These programs link basic and applied research and scholarly endeavors to the interests and needs of individuals and society.

Liberal Arts and Sciences Advising Office

The College of Liberal Arts and Sciences maintains an Advising and Counseling Office to assist students in establishing their academic goals, planning their schedules, and interpreting university, college, and departmental policies and requirements. All students in the College of Liberal Arts and Sciences or undecided on a major within the college are advised in a two-tiered advising system. Advising services for major requirements are provided by professional and faculty advisers within that academic department, while advising services regarding broader college and university requirements are provided in the Liberal Arts and Sciences Advising Office.

Special Requirements in the College of Liberal Arts and Sciences

In addition to the general university requirements, a student seeking a baccalaureate degree in the College of Liberal Arts and Sciences must complete the requirements for a major as set forth by the department in which the major is offered. A student declaring a major must be in good academic standing at the time of the application for the major.

A candidate for the Bachelor of Arts or the Bachelor of Science degree who wishes to obtain a secondary educator licensure should fulfill the professional education requirements for educator licensure outlined under "Educator Licensure Requirements," and should have a second teaching area. Preparation in a second teaching area both facilitates securing appropriate student teaching assignments and enhances the opportunities for employment. Majors in anthropology, economics, geography, history, political science, and sociology who expect to teach history in the secondary schools are advised to take at least 8 semester hours of American history.

A student may not count more than 60 semester hours from a single department toward the 120-semester-hour baccalaureate requirement. Any hours in excess of 60 in a single department must be balanced by an equal number of excess hours over the 120-hour minimum to be taken from outside that department. For example, if a student earns 65 semester hours of credit from the offerings of the Department of Anthropology, then that student must complete at least 125 semester hours to graduate. There are exceptions to this regulation in the case of students majoring in Mathematical Sciences with an emphasis in mathematics education or with an emphasis in actuarial science, and in different divisions of the Department of Communication, the Department of World Languages and Cultures, and the Department of Geographic and Atmospheric Sciences. For example, the 60-semester-hour maximum applies to course work offered for a major in French, but does not exclude additional hours in another foreign language in the Department of World Languages and Cultures. ENGL 103, ENGL 203, and ENGL 204 are not counted toward the 60-semester-hour maximum hours taken in the major in the Department of English. COMS 100 is not counted toward the 60-semester-hour maximum hours taken in the communication studies major in the Department of Communication. Students majoring in Meteorology in the Department of Geographic and Atmospheric Sciences may accumulate additional hours beyond the 60-semester-hour maximum in order to complete requirements for the Minor in Geography or Certificate of Undergraduate Study in Geographic Information Systems. Students having questions about this regulation should contact the college's Advising and Counseling Office.

Some courses in the College of Liberal Arts and Sciences indicate that the course may be repeated to a specified maximum number of semester hours. The statement "May be repeated to a maximum of [number] semester hours," means that the semester hours earned both from the initial enrollment and any permitted subsequent enrollments cannot exceed that maximum. Unless otherwise prohibited, enrollments in such a course may take place in any combination of semesters, including multiple enrollments during a single semester.

For some students, in-service exposure to their academic discipline may be desirable through courses identified as internships or courses which are part of the cooperative education program. In the College of Liberal Arts and Sciences, no more than 6 semester hours of credit in these courses may be applied toward the baccalaureate degree.

Grading policy - College Requirement for Multisection Courses

Current University policy stipulates that "Multi-section courses are expected to require similar levels of competence in all sections." To achieve this goal, the policy further states that "Department and college curriculum committees shall be responsible for implementing these policies."

In order to assist students in their academic preparation and provide guidance to instructional faculty, a consistent and public statement of competencies should be developed for relevant multi-section courses. Departments will determine which courses are to be included in this policy, but may include those multi-section courses that teach clearly defined competencies (including, but not limited to, foundational studies courses and general education courses). Courses that serve as gateway courses and those that focus on particular skills or content mastery should also be considered. In courses whose stated competencies are required to progress in a sequence, competencies are to be clearly articulated. Departments are encouraged to develop common syllabi, select common texts, and ensure that the overall distribution of grades be reasonably consistent across multiple sections.

Implementation of the policy should fall under the regular due diligence of departmental curriculum committees in their regular evaluation and assessment of relevant courses. While measures of competencies are expected to be evaluated on a regular basis, it is not intended or expected that departments undertake curricular change that requires significant new resources. Departments are encouraged to work with the Office of Assessment Services to determine reasonable and effective mechanisms to meet evaluation needs.

College Requirement for the B.S. Degree

Candidates for the degree in the College of Liberal Arts and Sciences must demonstrate competence in laboratory science/mathematical/computational skills equivalent to that attained through two years of regular college instruction. This requirement may be met by completing four courses or sequences from the lists below. The four courses/sequences must be selected from at least two of the three groups (A/B/C). Students should note that the sequences listed below are intended to be minimum requirements for the B.S. degree and that some departments have additional course requirements in the laboratory/mathematical sciences for their majors. Students seeking the B.S. degree should check the catalog for the requirements of a particular major to determine which of the following courses to complete and which additional courses may be required for that major.

Undergraduate students who are seeking a double major that includes a B.S. in the College of Liberal Arts and Sciences, and who have satisfied the requirements for a B.S. degree in another college, will be considered to have satisfied the college B.S. requirements as long as all other required course work in the CLAS degree-granting program has been completed.

Group A. Mathematics
*MATH 206 - Introductory Discrete Mathematics (3),
OR *MATH 210 - Finite Mathematics (3)
*MATH 211 - Calculus for Business and Social Science (4),
OR *MATH 229 - Calculus I (4)
MATH 230 - Calculus II (4)
MATH 232 - Calculus III (4)
MATH 240 - Linear Algebra and Applications (4)

Group B. Computation
CSCI 210 - Elementary Programming (4)
CSCI 230 - Computer Programming in FORTRAN (4)
CSCI 240 - Computer Programming in C++ (4)
CSCI 250 - Computer Programming in COBOL (4)
*STAT 200 - Elementary Statistics (4)
STAT 300 - Introduction to Probability and Statistics (3)
UBUS 223 - Introduction to Business Statistics (3)

Group C. Lab Sciences
*BIOS 103 - General Biology (3)
AND *BIOS 105 - General Biology Laboratory (1)
BIOS 208 - Fundamentals of Cellular Biology (3)
AND BIOS 210 - Fundamentals of Cellular Biology Laboratory (1)
BIOS 209 - Fundamentals of Organismal Biology (3)
AND BIOS 211 - Fundamentals of Organismal Biology Laboratory (1)
BIOS 213 - Introductory Bacteriology (3)
BIOS 357 - Human Anatomy and Physiology (5)
*CHEM 210 - General Chemistry I (3)
AND *CHEM 212 - General Chemistry Laboratory I (1)
*CHEM 211 - General Chemistry II (3)
AND *CHEM 213 - General Chemistry Laboratory II (1)
*GEOG 101 - Introduction to Environmental Geography (3)
AND GEOG 102 - Introduction to Environmental Geography Laboratory (1)
*GEOG 105 - Weather, Climate, and You (3)
AND GEOG 106 - Weather and Climate Laboratory (1)
*GEOG 256 - Maps and Mapping (3)
GEOG 302 - Soil Science (3)
GEOG 359 - Introduction to Geography Information Systems (3)
*GEOL 120 - Introductory Geology (3)
AND *GEOL 121 - Introductory Geology Laboratory (1)
GEOL 320 - Environments and Life Through Time (4)
MET 300 - Meteorology (4)
*PHYS 210 - General Physics I (4)
*PHYS 211 - General Physics II (4)
*PHYS 253 - Fundamentals of Physics I: Mechanics (4)
*PHYS 273 - Fundamentals of Physics II: Electromagnetism (4)

The Office of Testing Services administers a Mathematics Placement Examination to each student at the time of admission, interprets the test, and notifies the student of the result and the appropriate initial mathematics course. The student should also note that it is possible to take a proficiency test in any of the courses listed in the above sequences.

* Available for general education credit.

College Requirement for All Minors

In addition to the university requirement of a minimum GPA of 2.00, in order for the university to record on a student's transcript that a minor in the College of Liberal Arts and Sciences was successfully completed during the student's undergraduate program, 6 or more semester hours of the minor must have been earned at NIU.

Dean's List Criteria

Through the Dean's List, the College of Liberal Arts and Sciences recognizes undergraduates whose academic performance has been outstanding. The Dean's List recognizes those students who achieve a GPA of 3.75 or higher (on a 4.00 scale) while completing a minimum of 12 graded semester hours within a fall or spring semester.

Interdisciplinary Minors

Any student completing the requirements for a baccalaureate degree may elect also to complete the requirements of an interdisciplinary minor. Successful completion of such requirements will be appropriately indicated on the transcript in conjunction with the student's major at the time of graduation. An interdisciplinary minor is not a baccalaureate requirement and may not be substituted for the requirement of a major in a student's degree program. Unless otherwise indicated, students may apply up to 6 semester hours from courses that satisfy their major requirements to also satisfy the requirements for an interdisciplinary minor.

Students with a second major may, with the approval of the coordinator, count up to 6 semester hours applied to satisfy the requirements for each of the majors toward the

requirements for an interdisciplinary minor. Students electing an interdisciplinary minor should contact the coordinator at an early point to make application and to receive guidance. Additional information about these minors can be obtained from the Advising Office of the College of Liberal Arts and Sciences.

Departments in the college also participate in the interdisciplinary minors in environmental management systems and gerontology.

For a complete list of minors for the college, return to the main College of Liberal Arts and Sciences page.

Course Selection

In addition to completing a college major, many students find it beneficial in their future careers and other lifetime activities to have completed a program of study which broadens their knowledge and experience in a cohesive way. This objective can be achieved by a careful and informed choice of general education and elective courses.

For example, by carefully selecting the courses taken to fulfill the requirements of the General Education Program, students can discover their interests and abilities and thereby identify appropriate educational goals or, if these goals have already been decided, seriously test their suitability. In addition, an informed selection of courses taken to fulfill the requirements of the General Education Program can develop into a minor or even a second major area of study.

Students majoring in a degree program in the College of Liberal Arts and Sciences may have as many as 42 hours of elective courses, depending on their particular majors. The choice of courses taken to fill these elective hours is among the most important decisions a student will make while at NIU.

Students are strongly encouraged to use these hours to complete a minor area of study. Students with a major in the College of Liberal Arts and Sciences should use the offerings of the college as well as those of other colleges in the university in designing suitable programs of study-ones that will reinforce their intellectual and professional goals.

The college's Advising and Counseling Office is available to students in need of advice and assistance.

Pre-professional Studies

Professional schools such as those offering degrees in dentistry, law, and medicine usually require specific courses and/or an undergraduate degree from an accredited college or university for admission to their professional programs. Students interested in applying for admission into such programs are advised by the Advising and Counseling Office of the college and should register their interest in such programs with this office at the earliest possible date.

Admission to professional schools generally is highly competitive, with the number of qualified applicants far exceeding the number of students that can be admitted. A great deal of information is required by the admissions committees. Many professional schools require applicants to take special standardized tests, such as the Law School Admission Test (LSAT), the Medical College Admission Test (MCAT), and the Dental Aptitude Test (DAT), to measure the performance of applicants against national standards. Some professional schools use national application services (e.g., the Law School Data Assembly Service) to standardize the materials they are reviewing. Therefore, the application process is complex and time-consuming. To assist applicants, the Advising and Counseling Office has available detailed guidelines for completing each type of professional school application.

The Advising and Counseling Office also operates a recommendation service for applicants to professional schools. Applicants who use this service receive recommendation forms to be submitted to faculty members and others who can speak of their qualifications for professional study. These recommendations are submitted to the Advising and Counseling Office. They are sent to professional schools at the student's request. Students are encouraged to request these recommendations early, so that their performance will still be fresh in the minds of the persons writing the recommendations. Students may begin collecting recommendations as early as they deem appropriate, regardless of when they begin to apply to professional schools.

A pre-professional association for students interested in medically related fields has been active on campus for several years. This association sponsors a variety of informational programs throughout the year for tentative and declared pre-professional students in medically related areas. A similar group has been organized for pre-law students. Information about both of these organizations is available in the Advising and Counseling Office.

Degree Affiliation Agreement NIU/UIC College of Pharmacy - Guaranteed Admission Program

The University of Illinois-Chicago College of Pharmacy will admit 10 students from NIU who meet the following conditions prior to matriculation:

Conditions of Affiliation Program Admission:

- Completion of a minimum of 3 full-time semesters of university course work at NIU, with at least 4 semesters of course work remaining in their program. Preference will be given to students who have completed some pre-pharmacy course work.
- Minimum GPA of 3.50/4.00 (cumulative) at NIU.
- Successful completion of an on-site interview (UIC campus).
- Expressed interest in the profession of pharmacy/healthcare as demonstrated by work or volunteer activities.

- Involvement in extracurricular activities at the collegiate level.

Conditions for retention and matriculation:

- Baccalaureate degree from NIU within 5 years.
- Minimum cumulative pre-pharmacy GPA of 3.50/4.00, checked each semester.
- Completion of all pre-pharmacy course work at NIU.
- Receive a grade of C or better in every prerequisite course. [Courses in which a grade below C is obtained must be retaken. Both grades will be used in the GPA calculation.]
- Attend meetings every semester with the program contact at NIU.
- Participation in a portfolio project assigned by UIC.
- Take the Pharmacy College Admission Test (PCAT).

Students given a guaranteed spot at UIC will be asked for their campus preference (Chicago or Rockford) at the time of matriculation - these preferences will be honored.

For additional information regarding the program at NIU, contact the Advising and Counseling Office at the beginning of the first semester of enrollment at NIU.

Degree Possibilities for Students Gaining Early Admission to a Professional School

An NIU student who transfers to an accredited school of dentistry, law, medicine, optometry, podiatry, or veterinary medicine may receive a baccalaureate degree from Northern Illinois University on the basis of course work completed successfully at the professional school in one of two ways.

The degree Bachelor of General Studies (B.G.S.) will be awarded to any student who presents evidence of successful completion of one year of full-time study, i.e., the equivalent of 30 semester hours, at an accredited professional school of one of the types listed above, provided that the student fulfilled the following requirements prior to transferring to the professional school.

- The university's general education requirements.
- At least 30 semester hours of NIU course credit during junior and senior years.
- At least 90 semester hours of college credit applicable to a degree program.

Students who have been admitted to professional schools of the types mentioned above and who are enrolled on a part-time basis may be eligible for this degree under the same conditions upon completion of 30 semester hours (or the equivalent) in course work at the professional school. Students otherwise eligible for this degree under the above policy who have not met one or more of the four requirements listed or who may be enrolled in the professional school on a part-time basis may earn the B.G.S. degree by completing the remaining requirements after enrollment in the professional school but prior to earning the professional degree.

A baccalaureate degree other than the B.G.S. may be earned by an NIU student who transfers to the type of professional school listed above if the student's major department determines that course work taken at the professional school may be substituted for any unfulfilled graduation requirements in the major and if the student has met all other graduation requirements.

A student who wishes to earn the B.G.S. degree as outlined above should file a change of major request with the assistant dean of the College of Liberal Arts and Sciences one semester prior to fulfilling all requirements. A student who wishes to earn the B.A. or B.S. degree on the basis of professional school work should contact the chair of the major department at the earliest possible date to establish in writing the professional school courses which will be permitted to meet the major requirements. The Office of Registration and Records should also be notified of a student's intent to complete degree requirements in this way and be provided with a list of the professional school courses designated by the major department as fulfilling major requirements.

Pre-professional Advisement

The Academic Advising Center is responsible for the advisement of students interested in pre-dentistry, pre-engineering, pre-law, pre-medicine, pre-optometry, pre-pharmacy, pre-podiatry, and pre-veterinary medicine.

Course Selection for Biomedical Pre-professional Students

In addition to the courses required of all students gaining a B.S. degree, the following courses are recommended for students pursuing a biomedical pre-professional program. Specific requirements can vary from school to school, so students should also contact the specific schools to which they intend to apply as they plan their undergraduate program. It is important for pre-professional students to consult with the pre-professional adviser early in their first semester of enrollment at NIU to formulate a plan that takes into account the individual student's background and goals. Beyond the courses listed below, it will be important for students to gain experience outside the classroom through laboratory research, student organizations, volunteer activities, and exposure to their chosen biomedical profession.

Math: Trigonometry and Elementary Functions (MATH 155) and Calculus I (MATH 229)

Chemistry: General Chemistry I and II with labs (CHEM 210/212 and CHEM 211/213)

Organic Chemistry I and II with labs (CHEM 330/332 and CHEM 331/333)

Physics: General Physics I and II (PHYS 210 and 211)

Fundamentals of Physics I and II (PHYS 253 and PHYS 273)

Biology: Fundamentals of Biology with labs (BIOS 208/210 and BIOS 209/211), Molecular Biology (BIOS 302), Microbiology (BIOS 313), and Human Physiology (BIOS 355)

Additional recommended classes include Statistics (STAT 200), Biological Chemistry (CHEM 470 or CHEM 472 and CHEM 473), and Genetics (BIOS 308).

Beyond this core, which will meet most professional school requirements and prepare students for the professional school entrance exams (e.g., MCAT, PCAT, DAT, OAT), individual biomedical programs may also have unique requirements. These include:

Pre-dentistry. Most dental schools require PSYC 102, PSYC 225, STAT 200, and two semesters of English composition.

Pre-medicine. Additional classes in sociology and psychology are recommended and these include PSYC 102 and classes in social, cognitive, and abnormal psychology. Additional useful classes for MCAT preparation include Cellular Physiology (BIOS 465) and Immunobiology (BIOS 440).

Pre-optometry. Many optometry schools require Elementary Statistics - STAT 200; and Lifespan Development - PSYC 225.

Pre-pharmacy. Most pharmacy programs require an economics class (ECON 260) and an anatomy class (BIOS 311 or BIOS 357). NIU also maintains an affiliation program with the UIC College of Pharmacy that will guarantee admissions to highly qualified students. Consult the pre-professional adviser for details on this program.

Pre-veterinary medicine. Many veterinary programs require one semester of animal science. Applied animal science classes are not offered at NIU, but can typically be taken at a community college over the summer. Most veterinary programs have biological chemistry as a requirement (CHEM 472 and CHEM 473).

External Education

The College of Liberal Arts and Sciences, through ILAS 250, External Education, awards from 3 to 30 semester hours of college credit to individuals who have successfully completed training or inservice programs offered by off-campus agencies. Students interested in applying for credit on the basis of an approved off-campus program should contact the Liberal Arts and Sciences office.

Program outlines and supporting documents from the offering agency must be submitted to the College of Liberal Arts and Sciences. The curriculum committee of Liberal Arts and Sciences, in consultation with appropriate departments and the university's Undergraduate Coordinating Council, will decide on the amount of credit extended.

Foreign Language Residence Program

The College of Liberal Arts and Sciences and the Department of World Languages and Cultures conducts of a foreign language residence program, which provides NIU students interested in languages taught in the department with the opportunity to live together in contact with native speakers and to engage in various educational, cultural, and social activities related to the country in which they are interested. The program also offers an elective class, FLAL 410, for one credit. The Foreign Language Residence Program is part of the Housing and Dining Special Interest Communities. For further information, contact the program's coordinator.

Majors

Bachelor of General Studies (B.G.S.)

The B.G.S. program requires no formal major; it is an interdisciplinary, liberally-structured program built around a general curriculum of courses offered or approved by the College of Liberal Arts and Sciences. The general studies program is expected to appeal primarily to students with broad academic interests whose educational objectives do not include preparation for a specific professional career.

Admission

Students seeking admission to the B.G.S. program in the College of Liberal Arts and Sciences must have at least sophomore standing and must meet with the program director to declare the major.

The student learning outcomes for this degree are located at https://www.niu.edu/effectiveness/_files/outcomes/provost/general-studies-bgs.pdf

Requirements

To receive the Bachelor of General Studies degree, a student must satisfy all university graduation requirements except those of a major. All courses in the College of Liberal Arts and Sciences and any other courses specified on the B.G.S. Evaluation of Credit form which were taken at NIU will be used to calculate the minimum 2.00 GPA required for graduation.

The student who wishes to earn a degree through the general program must:

- earn at least 85 semester hours of credit in courses offered or approved by the College of Liberal Arts and Sciences with at least 30 of these hours in upper-division courses and at least 50 of these hours earned at NIU or at other baccalaureate institutions.
- successfully complete at least 15 semester hours in behavioral and social science courses. These include all courses offered by the Departments of Anthropology,

Economics, Geography (except physical geography and meteorology courses), Political Science, Psychology, and Sociology.
- successfully complete at least 15 semester hours in life, mathematical, and physical science courses. These include all courses offered by the Departments of Biological Sciences, Chemistry and Biochemistry, Computer Science, Geology and Environmental Geosciences, Mathematical Sciences, and Physics, as well as courses in physical geography and meteorology. The course used to satisfy the foundational studies quantitative literacy requirement of the General Education Program will *not* count in this area, however. (See "General Education Requirements.")
- successfully complete 15 semester hours in humanities courses. These include all courses offered by the Departments of Communication, English, History, Philosophy, and World Languages and Cultures, except for ENGL 103, ENGL 203, ENGL 204, and COMS 100.
- successfully complete either an internship or independent study project or a capstone experience (ILAS 391).
- complete at least 30 semester hours after formal admission to the general program.

Students following this program may apply no more than 25 semester hours in any one department toward the 120 semester hours required for graduation. Students following this program must also complete at least 50 of the distributive studies hours (humanities, social sciences, sciences) at NIU or other baccalaureate institutions.

Students completing the Bachelor of General Studies program may apply for a minor within the College of Liberal Arts and Sciences.

Courses used to fulfill area requirements for the university's General Education Program may also be used to meet requirements in the second, third, and fourth areas above.

Contract Major (B.A. or B.S.)

The contract major is an individualized program that allows a student with unusual and well-defined academic interests to design a major with the advice of a faculty sponsor.

The student learning outcomes for this degree are located at https://www.niu.edu/effectiveness/assessment/outcomes.shtml

Admission

Students seeking admission to this program in Liberal Arts and Sciences must have at least sophomore standing and must file an application for admission to the program with the College of Liberal Arts and Sciences. Forms can be obtained from the Advising Office of the College of Liberal Arts and Sciences.

Requirements

A student may formulate a proposal for a major program of study, appropriate to the College of Liberal Arts and Sciences, which differs substantially from existing major programs but utilizes existing courses. The student must select a faculty sponsor from the college's faculty and formulate the proposal in consultation with this sponsor. The program must be logically structured around a meaningful and interesting theme or topic. Some topics which have been proposed are environmental economics, noise control technology, Judaic studies, and biophysics. Other students have based contract major proposals on existing interdisciplinary minors such as environmental studies, Latin American studies, and international studies. Students desiring to build programs of this kind using a core of courses offered by either the College of Visual and Performing Arts or the College of Education should consult with those colleges. An example of such a program would be a contract major in scientific illustration, based on the School of Art's B.F.A. emphasis in illustration coupled with a considerable amount of course work from the Department of Biological Sciences. Students desiring programs involving a substantial amount of course work in colleges other than Education or Visual and Performing Arts should work with the College of Liberal Arts and Sciences, and will be required to secure a co-sponsor from the discipline housing such course work. Programs proposals must be submitted through the Associate Dean's Office of the College of Liberal Arts and Sciences and must be approved by the college's Curriculum Committee.

The student who wishes to propose a contract major must:

- have a cumulative GPA of at least 2.50.
- justify the new curriculum and define the goal to be achieved.
- design a multidisciplinary program that may be accommodated within existing university resources and facilities. (The program may include internships, independent study, or special projects on or off campus, but no more than 12 semester hours of course work for these kinds of activities will be permitted in the contract.)
- include in the program at least 50 semester hours of credit in courses basic to the area of study. These 50 semester hours
    - may not be used to fulfill general education requirements,
    - must include at least 15 semester hours of course work offered by the College of Liberal Arts and Sciences,
    - must include at least 30 semester hours of course work at the 300-400 level, and
    - must not include more than 24 semester hours from the offerings of a single department.
    - complete either the university foreign language requirement for the B.A. degree or the college requirement for the B.S. degree.

A student who completes an approved contract major and all other graduation requirements will receive either the B.A.

degree or the B.S. degree with a contract major in _____ (the theme specified in the contract).

Minor

Minor in Black Studies (18)

The Black studies minor presents an interdisciplinary body of knowledge that examines the histories and cultures of African Americans with an appreciation for the historical, social, and political influences of Africa and the African Diaspora. Among other requirements students must analyze racism and its present-day manifestations in order to promote better understanding among ethnic and racial groups. Several university departments participate in the minor in Black studies including anthropology, economics, geographic and atmospheric sciences, history, political science, and sociology. A maximum of 9 semester hours may be applied toward the minor from any one department with the exception of Black Studies (BKST) courses. Students may apply up to 6 semester hours from their major course of study to the minor.

Check departmental information for additional requirements.

Requirements (18)

Core Courses (12)

- BKST 200 - Racism in American Culture and Society Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  BKST 200 also fulfills the Human Diversity Requirement.
- BKST 300 - Foundations of Black Studies Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- BKST 493 - Afrocentricity Credits: 3

One of the following HIST courses (3)

- HIST 348 - African History to 1600 Credits: 3
  HIST 348 fulfills the Human Diversity Requirement.
- HIST 349 - African History Since 1600 Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  HIST 349 fulfills the Human Diversity Requirement.
- HIST 364 - African-American History to 1865 Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  HIST 364 fulfills the Human Diversity Requirement.
- HIST 365 - African-American History Since 1865 Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  HIST 365 fulfills the Human Diversity Requirement.
- HIST 375 - Civil Rights Movement, 1954-1974 Credits: 3
  HIST 375 is a writing infused course.
  HIST 375 fulfills the Human Diversity Requirement.
- HIST 441 - The African Diaspora Credits: 3
  HIST 441 fulfills the Human Diversity Requirement.

Additional course work (6)

Two of the following (6)

- ANTH 250 - Dismantling Global Racism Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  ANTH 250 fulfills the Human Diversity Requirement.
- OR BKST 250X - Dismantling Global Racism Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  BKST 250X fulfills the Human Diversity Requirement.
- ANTH 403 - Africas in the Americas Credits: 3
- ANTH 404 - Peoples and Cultures of the Caribbean Credits: 3
- OR BKST 404X - Peoples and Cultures of the Caribbean Credits: 3
- BKST 202 - Issues Facing African-American Students Credits: 3
- BKST 211 - Educating African Americans Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  BKST 211 also fulfills the Human Diversity Requirement.
- BKST 219 - Introduction to African Studies Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- BKST 302 - Topics in Black Studies Credits: 3
- BKST 312 - Social Philosophy of Hip Hop Culture Credits: 3
- BKST 316 - African-American Critical Thought Credits: 3
- BKST 350 - Black Economics Credits: 3
- BKST 402 - The Africana Woman Credits: 3
- BKST 405 - Contemporary Issues of Black Men Credits: 3
- BKST 410 - Psychology of African American Experience Credits: 3
- BKST 420 - Black Religion in America Credits: 3
- BKST 440 - Black Liberation Movements Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- BKST 445 - Independent Study in Black Studies Credits: 1-3
- ECON 341 - Economic Area Studies Credits: 3 C. Africa, South of the Sahara
- GEOG 336 - Geography of Africa Credits: 3
- HIST 348 - African History to 1600 Credits: 3
  If not used to fulfill requirement above.
  HIST 348 also fulfills the Human Diversity Requirement.
- HIST 349 - African History Since 1600 Credits: 3

If not used to fulfill requirement above.
Available for General Education credit in the Society and Culture Domain.
HIST 349 also fulfills the Human Diversity Requirement.

- HIST 353 - Women in African History Credits: 3
  HIST 353 is a writing infused course.
  HIST 353 also fulfills the Human Diversity Requirement.
- HIST 354 - History of Black American Business and Entrepreneurship Credits: 3
  HIST 354 also fulfills the Human Diversity Requirement.
- HIST 355 - History of Black American Music Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  HIST 355 is a writing infused course.
- HIST 364 - African-American History to 1865 Credits: 3
  If not used to fulfill requirement above.
  Available for General Education credit in the Society and Culture Domain.
  HIST 364 also fulfills the Human Diversity Requirement.
- HIST 365 - African-American History Since 1865 Credits: 3
  If not used to fulfill requirement above.
  Available for General Education credit in the Society and Culture Domain.
  HIST 365 also fulfills the Human Diversity Requirement.
- HIST 375 - Civil Rights Movement, 1954-1974 Credits: 3
  If not used to fulfill requirement above.
  HIST 375 is a writing infused course.
  HIST 375 also fulfills the Human Diversity Requirement.
- HIST 440 - Islam and Colonialism in Africa Credits: 3
  HIST 440 is a writing infused course.
  HIST 440 also fulfills the Human Diversity Requirement.
- HIST 441 - The African Diaspora Credits: 3
  If not used to fulfill requirement above.
  HIST 441 also fulfills the Human Diversity Requirement.
- JOUR 490 - Ethnic Minorities and the News Media Credits: 3
- POLS 368 - Politics of Africa Credits: 3
- SOCI 361 - Race and Ethnicity Credits: 3
  SOCI 361 also fulfills the Human Diversity Requirement.
- THEA 477 - African American Theatre Credits: 3

Minor in Classical Studies (24)

Coordinator: Assistant Chair, Department of World Languages and Cultures

The interdisciplinary minor in classical studies offers undergraduates a structured curriculum covering various aspects of the study of classical antiquity. Completion of the minor requires satisfactory completion of at least 24 semester hours from the following courses. Courses must be focused on no more than three different subject areas. Total semester hour requirements may be reduced if language courses are waived on the basis of high school preparation or placement examination.

Check departmental information for additional requirements.

Requirements

Nine semester hours in the minor must be taken at NIU.

- ENGL 271 - Classical Mythology Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- FLCL 101 - Beginning Latin I Credits: 3
- AND FLCL 102 - Beginning Latin II Credits: 3
  (May be waived on the basis of high school preparation or placement examination.)
- FLCL 201 - Intermediate Latin I Credits: 3
- AND FLCL 202 - Intermediate Latin II Credits: 3
  (May be waived on the basis of high school preparation or placement examination.)

Three of the following (9)

- ENGL 307 - Drama and Conflict Credits: 3
  (classical focus)
- ENGL 337 - Western Literature: Classical and Medieval Credits: 3
  ENGL 337 is a writing infused course.
- FLCL 481 - Special Topics in Classical Literature and Civilization Credits: 3
- FLCL 483 - Directed Readings in Classical Languages Credits: 1-3
- FLTR 271 - Literature in Translation Credits: 3
  (May be counted toward the minor when topic is appropriate.)
- HIST 301 - History of Ancient Greece Credits: 3
- HIST 303 - Imperial Rome Credits: 3
  HIST 303 also fulfills the Human Diversity requirement.
- HIST 491 - Special Topics in History Credits: 3
  A. Special Topics in History: Ancient
- IDSP 291 - Art and Literature in the Ancient World Credits: 3
- PHIL 321 - Ancient Greek Philosophy Credits: 3
- POLS 350 - Classical and Medieval Political Theory Credits: 3

Minor in Cognitive Science (18-19)

Coordinators: Giovanni Bennardo, Department of Anthropology; Betty Birner, Department of English; Reva Freedman, Department of Computer Science and Katja Wiemer, Department of Psychology

Cognitive Science is the study of the mind. A minor in cognitive science indicates that a student has studied issues such as knowledge acquisition, language, reasoning, and artificial intelligence from an interdisciplinary perspective and using a variety of methods. This degree may be particularly beneficial to students who seek a career in interdisciplinary fields such as cognitive neuroscience, psycholinguistics, artificial intelligence, human factors engineering, educational technology, or related areas within the participating departments.

The departments participating in this minor are Anthropology, Biological Sciences, Communicative Disorders, Computer Science, English, Philosophy, and Psychology.

The Cognitive Science Minor is open to students of any major area leading to a baccalaureate degree. Students should have at least sophomore standing and hold a cumulative GPA of 2.00 or higher. Students who wish to enroll in the minor need to register with one of the program coordinators.

Requirements (18-19)

Six or more semester hours in the minor must be taken at NIU.

Core course (3)

- ILAS 261 - Language, Mind, and Thought Credits: 3
  ILAS 261 is available for general education credit.
  This is a nature and technology general education course for the Learning Pathway.
- OR ANTH 261X - Language, Mind, and Thought Credits: 3
  ANTH 261X is available for general education credit.
  This is a nature and technology general education course for the Learning Pathway.
- OR ENGL 261X - Language, Mind, and Thought Credits: 3
  ENGL 261X is available for general education credit.
  This is a nature and technology general education course for the Learning Pathway.

At least five of the following, from at least three departments (15-16)

- ANTH 230 - Introduction to Linguistic Anthropology Credits: 3
  Available for general education credit.
- ANTH 331 - Language and Culture Credits: 3
  ANTH 331 is a writing infused course.
- ANTH 433 - Fundamentals of Cognitive Anthropology Credits: 3
- ANTH 435 - Space in Language and Culture Credits: 3
- ANTH 438 - Cultural Models: The Language of Culture Credits: 3
- ANTH 491 - Current Topics in Anthropology Credits: 3
  When topic is appropriate, with approval of coordinator.
- ANTH 498 - Independent Study in Anthropology Credits: 1-6
  When topic is appropriate, with approval of coordinator.
- BIOS 459 - Human Neurobiology Credits: 4
- COMD 305 - Language Development Credits: 3
- COMD 330 - Neuroscience of Communication and Associated Behaviors Credits: 3
- CSCI 461 - Techniques of Computer Programming and Algorithmic Processes Credits: 3
  When topic is appropriate, with approval of coordinator.
- CSCI 490 - Topics in Computer Science Credits: 3 B. Artificial Intelligence
  When topic is appropriate, with approval of coordinator.
- CSCI 490 - Topics in Computer Science Credits: 3 K. Programming Languages
  When topic is appropriate, with approval of coordinator.
- CSCI 497 - Undergraduate Readings in Computer Science Credits: 1-3
  When topic is appropriate, with approval of coordinator.
- ENGL 318 - Exploring Human Language Credits: 3
  ENGL 318 is a writing infused course.
  Available for general education credit.
  This is a society and culture general education course for the Global Connections Pathway.
- ENGL 321 - Structure of Modern English Credits: 3
- ENGL 322 - Language in American Society Credits: 3
  ENGL 322 is a writing infused course.
  ENGL 322 also fulfills the Human Diversity Requirement.
- ENGL 432 - Topics in General Linguistics Credits: 3
  When topic is appropriate, with approval of coordinator.
- ENGL 433 - Meaning Credits: 3
- ENGL 497 - Directed Study Credits: 1-3
  When topic is appropriate, with approval of coordinator.
- ENGL 491 - Honors Directed Study Credits: 3
  When topic is appropriate, with approval of coordinator.
- FLSL 101 - Beginning American Sign Language I Credits: 3
- PHIL 105 - Logic and Critical Reasoning Credits: 3
  Available for general education credit.
- PHIL 205 - Symbolic Logic Credits: 3
  Available for general education credit.
- PHIL 311 - Knowledge and Justification Credits: 3
- PHIL 363 - Philosophy of Mind Credits: 3
- PHIL 404 - Philosophy of Language Credits: 3
- PSYC 245 - Thinking Credits: 3
  Available for general education credit.
  This is a society and culture general education course for the Learning Pathway.
- PSYC 300 - Introduction to Brain and Behavior Credits: 3
- PSYC 345 - Cognitive Psychology Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Learning Pathway.
- PSYC 400 - Psychology of Language Credits: 3
- PSYC 481 - Drugs and Behavior Credits: 3

Available for general education credit.
This is a nature and technology general education course for the Health and Wellness Pathway.

- PSYC 485 - Individual Study in Psychology Credits: 1-3
  When topic is appropriate, with approval of coordinator.
- PSYC 495 - Seminar in Special Topics Credits: 3
  When topic is appropriate, with approval of coordinator.
- PSYC 498 - Honors Independent Study Credits: 1-3
  When topic is appropriate, with approval of coordinator.

Minor in Comparative Literature (18)

Coordination: Jeff Einboden, Department of English

The Departments of English and World Languages and Cultures cooperate in offering a minor in comparative literature. This minor is open to students throughout the university. The minor in comparative literature requires the successful completion of 18 semester hours including three required courses and 9 additional hours chosen from selected courses. The three required courses listed below contain perspectives that are essential to the study of comparative literature: a focus on themes, or on genres, or on a time period.

Check departmental information for additional requirements.

Requirements (18)

Six or more semester hours in the minor must be taken at NIU.

- ILAS 341 - Thematic Studies in Comparative Literature Credits: 3
- ILAS 342 - Genre Studies in Comparative Literature Credits: 3
- ILAS 343 - Period Studies in Comparative Literature Credits: 3

At least one of the following (3-6)

- ENGL 307 - Drama and Conflict Credits: 3
- ENGL 310 - Ideas and Ideals in World Literature Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
  ENGL 310 is a writing infused course.
- ENGL 483 - Renaissance Literature Credits: 3
- ENGL 489 - European Novel Credits: 3

At least one of the following (3-6)

- ENGL 271 - Classical Mythology Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- FLIT 272 - The Italian Renaissance Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- FLST 481 - Special Topics in Literature I Credits: 3
- FLTR 271 - Literature in Translation Credits: 3

Minor in Global Studies (18)

Coordinator: Stephanie Kummerer, College of Liberal Arts and Sciences Advising Office

The minor in global studies offers students the opportunity to acquire a strong global focus for their program of studies. Such a global focus is important for making students competitive in the increasingly globalized economy and society. The global studies minor is open to students in all disciplines and fields and is appropriate for students planning careers in business, government, foreign service, social science teaching at the secondary level, and law, or graduate study in international studies or a related discipline. It may be especially useful for business, foreign language, and journalism students wishing to supplement their credentials.

Students in the minor select courses from the foundation courses and then choose courses from within one of the several options that provide greater depth through study in either global business studies in commerce, global political studies, global development studies, or global arts studies.

Students taking the global studies minor are strongly encouraged to participate in a study-abroad program and to complete the four-semester sequence in a relevant foreign language. Course credit earned through an approved NIU study-abroad program or a globally-focused engaged learning opportunity through an independent study or internship is also strongly encouraged as an option toward satisfying the minor requirements.

Check departmental information for additional requirements.

Requirements (18)

Foundation Courses (9)

Choose three foundation courses from three different departments.

- ANTH 220 - Being Human: Introduction to Cultural Anthropology Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- GEOG 202 - World Regional Geography Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  GEOG 202 also fulfills the Human Diversity Requirement.
- GEOG 204 - Geography of Economic Activities Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- HIST 171 - World History II: Problems in the Human Past Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.

HIST 171 also fulfills the Human Diversity Requirement.

- POLS 260 - Introduction to Comparative Politics Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- POLS 285 - Introduction to International Relations Credits: 3
  Available for General Education credit in the Society and Culture Domain.

Electives (9)

Choose three elective courses from three different departments.

- ANTH 329 - Anthropology and Contemporary World Problems Credits: 3
  ANTH 329 fulfills the Human Diversity Requirement.
- ANTH 361 - Cross-Cultural Perspectives on Women Credits: 3
- ANTH 420 - Waterworlds Credits: 3
  ANTH 420 fulfills the Human Diversity Requirement.
- OR ENVS 420X - Waterworlds Credits: 3
  ENVS 420X fulfills the Human Diversity Requirement.
- ANTH 432 - Nature and the Environment Across Cultures Credits: 3
- OR ENVS 432X - Nature and the Environment across Cultures Credits: 3
- ANTH 464 - Disasters without Borders Credits: 3
- OR NNGO 464X - Disasters without Borders Credits: 3
- ANTH 467 - Applied Anthropology Credits: 3
  ANTH 467 is a writing infused course.
- ARTH 282 - Introduction to World Art Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- BKST 300 - Foundations of Black Studies Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- COMS 454 - Transnational Communication and Media Credits: 3
- OR JOUR 454X - Transnational Communication and Media Credits: 3
- ECON 330 - International Economics Credits: 3
- ENGL 310 - Ideas and Ideals in World Literature Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
  ENGL 310 is a writing infused course.
- ENGL 335 - World Literature Credits: 3
  ENGL 335 is a writing infused course.
  ENGL 335 fulfills the Human Diversity Requirement.
- ENGL 474 - The International Short Story Credits: 3
  ENGL 474 is a writing infused course.
- ENGL 477 - Postcolonial and New Literatures in English Credits: 3
  ENGL 477 fulfills the Human Diversity Requirement.
- ENVS 303 - Environment in the Social Sciences and Humanities Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- ENVS 304 - Environmental Law, Policy, and Economics Credits: 3
- EPFE 430 - Comparative and International Education Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- GEOG 430 - Population Geography Credits: 3
- GEOG 451 - Political Geography Credits: 3
- HIST 386 - History of Human Rights Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  HIST 386 is a writing infused course.
- HIST 387 - History of Genocide Credits: 3
  HIST 387 fulfills the Human Diversity Requirement.
- HIST 389 - Global Climate History Credits: 3
  HIST 389 is a writing infused course.
- HIST 425 - World War II Credits: 3
- HIST 469 - The Vietnam War Credits: 3
- HIST 480 - Spies, Lies and Secret Wars: CIA in the World Credits: 3
  HIST 480 fulfills the Human Diversity Requirement.
- INTL 301 - Study Abroad Programs Credits: 1-9
- AND / OR INTL 401 - Study Abroad Programs Credits: 1-9
  3-6 semester hours with approval of minor coordinator.
- JOUR 482 - International News Communications Credits: 3
- MKTG 367 - Principles of Global Marketing Credits: 3
  See catalog for prerequisites.
- MKTG 387 - International Study in Marketing Credits: 3
  See catalog for prerequisites.
- MUHL 326 - Survey of World Music Credits: 3
  MUHL 326 fulfills the Human Diversity Requirement.
- OR ANTH 326X - Survey of World Music Credits: 3
  ANTH 326X fulfills the Human Diversity Requirement.
- POLS 362 - Politics of Developing Areas Credits: 3
- POLS 363 - Dictatorships and Democracies Credits: 3
- POLS 373 - Women and Politics Credits: 3
  POLS 373 fulfills the Human Diversity Requirement.
- POLS 376 - Political Violence Credits: 3
- POLS 377 - Revolt, Revolution, and Genocide Credits: 3
- POLS 381 - Regional Security Credits: 3
- POLS 383 - International Political Economy Credits: 3
- POLS 386 - Global Terrorism Credits: 3
- POLS 387 - International Security Credits: 3
- POLS 389 - International Law and Organization Credits: 3
- POLS 492 - Model United Nations Credits: 1
- POLS 498 - Seminar Abroad Credits: 3-9
- SOCI 386 - Peace and Social Justice Credits: 3

- THEA 483 - Intercultural Performance: Colonialism, Post-Colonialism, and the Global Theatre Credits: 3

Minor in Latino/Latin American Studies (18)

Coordinator: Christina Abreu, director, Center for Latino and Latin American Studies

The minor in Latino and Latin American studies provides students with detailed knowledge of the Latino experience in the United States as well as Latin American civilization, enriches the general educational experience of students, and offers several practical applications. It prepares future teachers to lecture in Latino and Latin American studies and provides them with knowledge of the cultural heritage of their Latino students. The minor also provides other future professionals with knowledge to maximize their job performance in regions with Latino populations. Latino students enrolled in the minor also acquire a broader understanding of their history and culture. The 18 semester hours required for the minor must come from at least two departments, with no more than 12 semester hours from one department. Students participating in the Latino/Latin American Studies Minor may apply up to 9 semester hours from their major toward the minor.

Check departmental information for additional requirements.

Requirements (18)

Six or more semester hours in the minor must be taken at NIU.

Core courses (6)

- LATS 100 - Introduction to Latin American Studies Credits: 3
  Available for general education credit.
  LATS 100 also fulfills the Human Diversity Requirement.
  This is a creativity and critical analysis general education course for the Global Connections Pathway.
- LATS 101 - Introduction to Latino Studies Credits: 3
  LATS 101 is available for general education credit.
  LATS 101 also fulfills the Human Diversity Requirement.

Four of the following (12)

- ANTH 404 - Peoples and Cultures of the Caribbean Credits: 3
- OR BKST 404X - Peoples and Cultures of the Caribbean Credits: 3
- ANTH 414 - Aztecs, Olmec, and Maya: The Archaeology of Mesoamerica Credits: 3
- ANTH 417 - Archaeology of South America Credits: 3
- ANTH 469 - Archaeology of Empires Credits: 3
- ARTH 380 - Studies in African, Oceanian, Native American, Pre-Columbian Art, and Latin-American Art Credits: 3
  ARTH 380 is a writing infused course.
- ARTH 458 - Topics in African, Oceanian, Native American, Pre-Columbian, and Latin-American Art Credits: 3
  ARTH 458 is a writing infused course.
- ECON 300 - Labor Economics Credits: 3
- ECON 341 - Economic Area Studies Credits: 3
  D. Economic Area Studies: Latin America
- ENGL 381 - Multicultural American Literature Credits: 3
  B. Latina/Latino Literature
  ENGL 381 is a writing infused course.
  ENGL 381 also fulfills the Human Diversity Requirement.
- FLPO 461 - Brazilian Civilization Credits: 3
- FLSP 215 - Spanish for Heritage Speakers I Credits: 3
- FLSP 301 - Spanish Grammar Credits: 3
- FLSP 302 - Spanish Composition Credits: 3
  FLSP 302 is a writing infused course.
- FLSP 311 - Spanish Conversation Credits: 3
- FLSP 315 - Spanish for Heritage Speakers II Credits: 3
- FLSP 321 - Introduction to Spanish Literature Credits: 3
  FLSP 321 is a writing infused course.
- FLSP 322 - Introduction to Spanish-American Literature Credits: 3
  FLSP 322 is a writing infused course.
- FLSP 361 - Spain Today Credits: 3
  FLSP 361 is a writing infused course.
- FLSP 362 - Latin America Today Credits: 3
  FLSP 362 is a writing infused course.
- FLSP 439 - Women Authors in Hispanic Literature Credits: 3
  FLSP 439 is a writing infused course.
- FLSP 440 - Spanish American Poetry and Theater Credits: 3
  FLSP 440 is a writing infused course.
- FLSP 441 - Spanish American Novel Credits: 3
  FLSP 441 is a writing infused course.
- FLSP 452 - Literature of the Caribbean Credits: 3
  FLSP 452 is a writing infused course.
- FLSP 454 - Mexican Literature, Culture, and Film Credits: 3
  FLSP 454 is a writing infused course.
- FLSP 455 - Spanish-American Short Story Credits: 3
  FLSP 455 is a writing infused course.
- FLSP 456 - Colonial Latin American Literature Credits: 3
  FLSP 456 is a writing infused course.
- FLSP 457 - 19th Century Spanish American Literature Credits: 3
  FLSP 457 is a writing infused course.
- FLSP 458 - Spanish American Modernismo and Vanguardias: 1880-1945 Credits: 3
  FLSP 458 is a writing infused course.
- FLSP 459 - Spanish American Historical Novels Credits: 3
  FLSP 459 is a writing infused course.
- FLSP 460 - Contemporary Spanish American Literature Credits: 3
  FLSP 460 is a writing infused course.

- FLSP 461 - Seminar on the Cultures of Spain Credits: 3
  FLSP 461 is a writing infused course.
- FLSP 462 - Seminar on the Cultures of Latin America Credits: 3
  FLSP 462 is a writing infused course.
  FLSP 462 also fulfills the Human Diversity Requirement.
- FLSP 463 - Hispanic Culture through Film Credits: 3
  FLSP 463 is a writing infused course.
- FLSP 480 - Introduction to Hispanic Linguistics Credits: 3
- FLSP 482 - Foundations in Spanish Sociolinguistics Credits: 3
  FLSP 482 is a writing infused course.
- FLSP 483 - Techniques of Translation Credits: 3
  FLSP 483 is a writing infused course.
- FLSP 484 - Advanced Translation Credits: 3
  FLSP 484 is a writing infused course.
- FLSP 487 - Hispanic Dialectology Credits: 3
  FLSP 487 is a writing infused course.
- FLSP 491 - History of the Spanish Language Credits: 3
- GEOG 430 - Population Geography Credits: 3
- HIST 374 - Latinos/as in the United States Credits: 3
  HIST 374 is a writing infused course.
  HIST 374 also fulfills the Human Diversity Requirement
- HIST 381 - Colonial Latin America Credits: 3
  Available for general education credit.
  HIST 381 is a writing infused course.
  HIST 381 also fulfills the Human Diversity Requirement
- HIST 382 - Modern Latin America Credits: 3
  Available for general education credit.
  HIST 382 is a writing infused course.
  HIST 382 also fulfills the Human Diversity Requirement
  This is a society and culture general education course for the Global Connections Pathway.
- HIST 383 - Latin America through Film Credits: 3
  Available for general education credit.
  HIST 383 also fulfills the Human Diversity Requirement
- HIST 388 - The Cuban Revolution and Its Legacy Credits: 3
  This is a society and culture general education course for the Global Connections Pathway.
  HIST 388 also fulfills the Human Diversity Requirement.
- HIST 459 - The Atlantic World, 1492-1860s Credits: 3
  HIST 459 also fulfills the Human Diversity Requirement
- HIST 474 - Immigration in the United States Credits: 3
- HIST 481 - Indigenous Mexico Credits: 3
  HIST 481 also fulfills the Human Diversity Requirement
- HIST 482 - Mexico Since 1810 Credits: 3
- HIST 484 - History of Brazil Credits: 3
  HIST 484 is a writing infused course.
  HIST 484 also fulfills the Human Diversity Requirement
- HIST 486 - Inequality in Latin America Credits: 3
  HIST 486 is a writing infused course.
  HIST 486 also fulfills the Human Diversity Requirement
- HIST 487 - The Latin American City Credits: 3
- LATS 400 - Special Topics in Latino and Latin American Studies Credits: 3
- LATS 496 - Internship in Latino and/or Latin American Studies Credits: 1-3
- LATS 497 - Independent Study in Latino and/or Latin American Studies Credits: 1-3
- LTIC 301 - Teaching with a Multicultural Perspective Credits: 3
- MGMT 487 - Multinational Management Credits: 3
- MKTG 367 - Principles of Global Marketing Credits: 3
- MKTG 387 - International Study in Marketing Credits: 3
- MKTG 467 - Global Marketing Management Credits: 3
- POLS 260 - Introduction to Comparative Politics Credits: 3
  Available for general education credit.
- POLS 381 - Regional Security Credits: 3
- SOCI 361 - Race and Ethnicity Credits: 3
  SOCI 361 also fulfills the Human Diversity Requirement.
- SOCI 362 - Sociology of Latinos Credits: 3
  SOCI 362 also fulfills the Human Diversity Requirement.
- SOCI 379 - Collective Behavior and Social Movements Credits: 3

Minor in Linguistics (18-19)

Coordinator: Gulsat Aygen, Department of English

The participating programs are anthropology, communicative disorders, communication, computer science, English, geography, philosophy, psychology, women's studies, and world languages and cultures .

The interdisciplinary minor in linguistics offers an opportunity to study the nature of human language and theories, methods, and applications of linguistics. It utilizes faculty and course resources in several departments. The minor in linguistics is recommended to students who want recognition for having focused their elective courses on linguistics, particularly to students interested in careers involving problems of language communication and the role of language as it permeates human interactions.

Students in any undergraduate major leading to a baccalaureate degree may choose to complete the requirements of the interdisciplinary linguistics minor. Students who wish to minor in linguistics must have at least sophomore standing and a minimum cumulative GPA of 2.00 and must register with the program coordinator. Those who have satisfied the minor will have this fact noted on their academic transcripts.

The courses listed below survey approaches to the analysis of language and also provide for specialized study in particular areas related to language. Other courses of closely related subject matter may be substituted with the approval of the coordinator.

The student must select courses from at least two departments, with no more three courses from one department.

Check departmental information for additional requirements.

Requirements (18-19)

Six or more semester hours in the minor must be taken at NIU.

Basic Courses (3)

Choose one of the following three courses to fulfill the basic course requirement. The other two courses can be taken to fulfill additional course requirements.

- ANTH 230 - Introduction to Linguistic Anthropology Credits: 3
  Available for general education credit.
- ENGL 318 - Exploring Human Language Credits: 3
  ENGL 318 is a writing infused course.
  Available for general education credit.
  This is a society and culture general education course for the Global Connections Pathway.
- ENGL 321 - Structure of Modern English Credits: 3

Additional Courses (15-16)

- ANTH 331 - Language and Culture Credits: 3
  ANTH 331 is a writing infused course.
- ANTH 435 - Space in Language and Culture Credits: 3
- OR GEOG 435X - Space in Language and Culture Credits: 3
- ANTH 490 - Anthropological Research Training Credits: 3-6 J. Linguistic Anthropology
- COMD 221 - Phonetics and Phonology Credits: 3
- COMD 305 - Language Development Credits: 3
- COMD 325 - Introduction to Hearing and Speech Science Credits: 4
- COMS 404 - Communication Theories Credits: 3
- CSCI 490 - Topics in Computer Science Credits: 3 B. Artificial Intelligence
- CSCI 490 - Topics in Computer Science Credits: 3 K. Programming Languages
- CSCI 497 - Undergraduate Readings in Computer Science Credits: 1-3
- ENGL 320 - History of the English Language Credits: 3
- ENGL 322 - Language in American Society Credits: 3
  ENGL 322 is a writing infused course.
  ENGL 322 also fulfills the Human Diversity Requirement.
- ENGL 432 - Topics in General Linguistics Credits: 3
- ENGL 433 - Meaning Credits: 3
- FLAL 483 - Applied Linguistics and the Romance Languages Credits: 3
  FLAL 483 is a writing infused course.
- FLBU 103 - Beginning Burmese I Credits: 5
- FLCH 101 - Beginning Chinese I Credits: 3
- FLFR 301 - Breaking it Down: The Structure of French Credits: 3
  FLFR 301 is a writing infused course.
- FLFR 481 - Advanced French Phonetics and Phonology Credits: 3
  FLFR 481 is a writing infused course.
- FLGE 301 - Putting it All Together: Going Beyond the Basics Credits: 3
- FLGE 481 - Breaking it Down: The Structure of Modern German Credits: 3
  FLGE 481 is a writing infused course.
- FLIN 103 - Beginning Indonesian I Credits: 5
- FLIS 481 - Independent Study in a Foreign Language Credits: 1-6
- FLJA 101 - Beginning Japanese I Credits: 3
- FLSL 101 - Beginning American Sign Language I Credits: 3
- FLSP 301 - Spanish Grammar Credits: 3
- FLSP 302 - Spanish Composition Credits: 3
  FLSP 302 is a writing infused course.
- FLSP 480 - Introduction to Hispanic Linguistics Credits: 3
- FLSP 481 - Spanish Phonology Credits: 3
- FLSP 482 - Foundations in Spanish Sociolinguistics Credits: 3
  FLSP 482 is a writing infused course.
- FLSP 485 - Spanish Syntax Credits: 3
- FLSP 486 - Contrastive Grammatical Structures in Spanish and English Credits: 3
- FLSP 487 - Hispanic Dialectology Credits: 3
  FLSP 487 is a writing infused course.
- FLSP 491 - History of the Spanish Language Credits: 3
- FLST 181 - Elementary Language Instruction I Credits: 5
- FLST 483 - Special Topics in Linguistics Credits: 3
- FLTA 103 - Beginning Tagalog I Credits: 5
- FLTH 103 - Beginning Thai I Credits: 5
- ILAS 261 - Language, Mind, and Thought Credits: 3
  ILAS 261 is available for general education credit.
  This is a nature and technology general education course for the Learning Pathway.
- OR ANTH 261X - Language, Mind, and Thought Credits: 3
  ANTH 261X is available for general education credit.
  This is a nature and technology general education course for the Learning Pathway.
- OR ENGL 261X - Language, Mind, and Thought Credits: 3
  ENGL 261X is available for general education credit.
  This is a nature and technology general education course for the Learning Pathway.
- PHIL 205 - Symbolic Logic Credits: 3
  Available for general education credit.
- PHIL 404 - Philosophy of Language Credits: 3
- PSYC 345 - Cognitive Psychology Credits: 3
  Available for general education credit.
  This is a nature and technology general education course for the Learning Pathway.
- PSYC 400 - Psychology of Language Credits: 3

- WGSS 434 - Language and Gender Credits: 3
  WGSS 434 also fulfills the Human Diversity Requirement.
- OR ENGL 434X - Language and Gender Credits: 3
  ENGL 434X fulfills the Human Diversity Requirement.

  Any one continuation course of the beginning non-Indo-European language courses (FLBU 103, FLCH 101, FLIN 103, FLJA 101, FLSL 101, FLTH 103) or any 200-level non-Indo-European language course.

Minor in Professional Communication (18)

Coordinators: Directors of Undergraduate Studies in the Departments of English and Communication

This minor alone does not meet secondary licensure requirements in the areas of English or communication studies.

The minor in professional communication offers majors in fields other than communication studies and English the opportunity to develop communication skills that are valued in the typical workplace environment. Courses focus on the theory and practice of composition and design of both electronic and paper-based professional documents, and on the theory and practice of mediated and face to face interaction. The minor is recommended to students in both technical and non-technical fields.

Check departmental information for additional requirements.

Requirements (18)

Six or more semester hours in the minor must be taken at NIU.

- COMS 361 - Business and Professional Communication Credits: 3

Two of the following (6)

- COMS 200 - Advanced Public Speaking Credits: 3
- COMS 300 - Speech Writing Credits: 3
- COMS 302 - Organizational Communication Credits: 3
- COMS 303 - Interpersonal Communication Credits: 3
- COMS 305 - Argumentation and Debate Credits: 3
  COMS 305 is a writing infused course.
- COMS 309 - Performance in Speech Communication Credits: 3
- COMS 355 - Media Writing Credits: 3
  COMS 355 is a writing infused course.
- COMS 446 - Designing for the Internet Credits: 3
- COMS 480 - Communication and Conflict Management Credits: 3
  Available for general education credit in the Creativity and Critical Analysis Domain.
- JOUR 200 - Basic News Writing Credits: 3
- JOUR 312 - Graphics of Communications Credits: 3
- JOUR 492 - Internship in Journalism Credits: 3

Three of the following, including ENGL 308 and/or ENGL 403 (9)

- ENGL 207 - Fundamentals of English Grammar Credits: 3
- ENGL 300 - Advanced Essay Composition Credits: 3
  A. General
  ENGL 300 is a writing infused course.
- ENGL 303 - Writing Creative Nonfiction I Credits: 3
  ENGL 303 is a writing infused course.
- ENGL 304 - Writing About the Arts Credits: 3
- ENGL 308 - Technical Writing Credits: 3
  ENGL 308 is a writing infused course.
- ENGL 398 - Topics in Writing Studies Credits: 3
- ENGL 403 - Technical Editing Credits: 3
  ENGL 403 is a writing infused course.
- ENGL 424 - Topics in Technical Writing Credits: 1-3
  Students must take 3 credit hours in this course
  ENGL 424 is a writing infused course.
- ENGL 434X - Language and Gender Credits: 3
  ENGL 434X fulfills the Human Diversity Requirement.
- ENGL 496 - Internship in Writing, Editing, or Training Credits: 1-6

Minor in Southeast Asian Studies (19-21)

Coordinator: Judy Ledgerwood, director, Center for Southeast Asian Studies

The primary functions of the center are the coordination of undergraduate and graduate Southeast Asia courses offered by various departments; development of specialized library and research facilities; facilitation of research by graduate students and faculty; promotion of exchange programs with universities in Southeast Asia; administration of operational programs concerned with Southeast Asia; and promotion of outreach activities dealing with Southeast Asia.

The participating academic areas are anthropology; art history; family and consumer sciences; geography; geology; history; music; political science; public health; and world languages and cultures.

Knowledge of Southeast Asia is useful for students who anticipate careers in government (particularly the foreign service), in secondary school teaching, and in international business or academic institutions which offer programs dealing directly or peripherally with Southeast Asia.

Any student completing the requirements for a baccalaureate degree may elect to complete the requirements for an interdisciplinary minor focusing on Southeast Asia, as listed below. Students electing this interdisciplinary minor should declare the minor at the Center for Southeast Asian Studies.

Check departmental information for additional requirements.

Requirements (19 or 21)

Students must include 10 semester hours of an intensively taught Southeast Asian language (Burmese, Indonesian, Khmer, Malay, Tagalog, or Thai) or 12 semester hours of Chinese language. An additional 9 semester hours, from at least two departments, of Southeast Asian language or nonlanguage credit must be selected from the following list of courses.

Demonstrated competence in an approved Southeast Asian language may be substituted for the required language courses, decided on a case-by-case basis by the director of the Center for Southeast Asian Studies and the student's primary adviser.

Six or more semester hours in the minor must be taken at NIU.

- ANTH 302 - Asian American Cultures Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  ANTH 302 also fulfills the Human Diversity Requirement.
- ANTH 304 - Muslim Cultures in Anthropological Perspective Credits: 3
- ANTH 328 - Anthropology of Religion Credits: 3
  May be counted toward the minor when topic is appropriate.
- ANTH 363 - Globalization and Corporate Cultures Credits: 3
  May be counted toward the minor when topic is appropriate.
- ANTH 407 - Peoples and Cultures of Southeast Asia Credits: 3
- ANTH 421 - Social Organization Credits: 3
- ANTH 422 - Gender in Southeast Asia Credits: 3
  ANTH 422 is a writing infused course.
- ANTH 426 - Political Anthropology Credits: 3
  ANTH 426 also fulfills the Human Diversity Requirement.
- ANTH 428 - Ritual and Myth Credits: 3
  May be counted toward the minor when topic is appropriate.
- ANTH 462 - Collections Management Credits: 3
- ANTH 491 - Current Topics in Anthropology Credits: 3
  May be counted toward the minor when topic is appropriate.
- ANTH 493 - Anthropology Field Study Credits: 1-6
  May be counted toward the minor when topic is appropriate.
- ANTH 498 - Independent Study in Anthropology Credits: 1-6
  May be counted toward the minor when topic is appropriate.
- ARTH 294 - Introduction to Arts of Asia Credits: 3
  May be counted toward the minor when topic is appropriate.
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- ARTH 370 - Studies in Asian Art Credits: 3
  May be counted toward the minor when topic is appropriate.
  ARTH 370 is a writing infused course.
- ARTH 457 - Cultural Perspectives in Asian Art Credits: 3
  ARTH 457 is a writing infused course.
- FLBU 103 - Beginning Burmese I Credits: 5
- FLBU 104 - Beginning Burmese II Credits: 5
- FLBU 203 - Intermediate Burmese I Credits: 3
- FLBU 204 - Intermediate Burmese II Credits: 3
- FLBU 300 - Special Topics in Burmese Language, Literature, Linguistics or Culture Credits: 3
- FLBU 400 - Special Topics in Burmese Language, Literature, Linguistics or Culture Credits: 3
- FLCH 101 - Beginning Chinese I Credits: 3
- FLCH 102 - Beginning Chinese II Credits: 3
- FLCH 201 - Intermediate Chinese I Credits: 3
- FLCH 202 - Intermediate Chinese II Credits: 3
- FLIN 103 - Beginning Indonesian I Credits: 5
- FLIN 104 - Beginning Indonesian II Credits: 5
- FLIN 203 - Intermediate Indonesian I Credits: 3
- FLIN 204 - Intermediate Indonesian II Credits: 3
- FLIN 300 - Special Topics in Indonesian Language, Literature, Linguistics or Culture Credits: 3
- FLIN 400 - Special Topics in Indonesian Language, Literature, Linguistics or Culture Credits: 3
- FLIN 421 - Introduction to Indonesian Literature Credits: 3
- FLIS 481 - Independent Study in a Foreign Language Credits: 1-6
  Students must take 1-3 credit hours in this course
  May be counted toward the minor when topic is appropriate.
- FLKH 103 - Beginning Khmer I Credits: 5
- FLKH 104 - Beginning Khmer II Credits: 5
- FLKH 203 - Intermediate Khmer I Credits: 3
- FLKH 204 - Intermediate Khmer II Credits: 3
- FLST 381 - Special Studies in Language I Credits: 1-9
  Students must take 3 credit hours in this course
  May be counted toward the minor when topic is appropriate.
- FLST 382 - Special Studies in Language II Credits: 1-9
  May be counted toward the minor when topic is appropriate.
  Students must take 3 credit hours in this course
- FLST 481 - Special Topics in Literature I Credits: 3
  May be counted toward the minor when topic is appropriate.
- FLST 482 - Special Topics in Literature II Credits: 3
  May be counted toward the minor when topic is appropriate.
  FLST 482 is a writing infused course.

FLST 482 also fulfills the Human Diversity Requirement.

- FLST 483 - Special Topics in Linguistics Credits: 3
  May be counted toward the minor when topic is appropriate.
- FLTA 103 - Beginning Tagalog I Credits: 5
- FLTA 104 - Beginning Tagalog II Credits: 5
- FLTA 203 - Intermediate Tagalog I Credits: 3
- FLTA 204 - Intermediate Tagalog II Credits: 3
- FLTA 300 - Special Topics in Tagalog Language, Literature, Linguistics or Culture Credits: 3
- FLTA 400 - Special Topics in Tagalog Language, Literature, Linguistics or Culture Credits: 3
- FLTH 103 - Beginning Thai I Credits: 5
- FLTH 104 - Beginning Thai II Credits: 5
- FLTH 203 - Intermediate Thai I Credits: 3
- FLTH 204 - Intermediate Thai II Credits: 3
- FLTH 300 - Special Topics in Thai Language, Literature, Linguistics or Culture Credits: 3
- FLTH 400 - Special Topics in Thai Language, Literature, Linguistics or Culture Credits: 3
- GEOG 390 - Topics in Geography Credits: 1-3
  May be counted toward the minor when topic is appropriate.
- GEOG 491 - Undergraduate Research in Geography Credits: 1-3
  May be counted toward the minor when topic is appropriate.
- GEOG 498 - Seminar in Current Problems Credits: 3
  C. Seminar in Current Problems: Meteorology/Climatology (3)
  Students must take 3 semester hours in this course.
  May be counted toward the minor when topic is appropriate.
- HDFS 384 - Asian American Families Credits: 3
  HDFS 384 also fulfills the Human Diversity Requirement.
- HIST 342 - History of Southeast Asia to ca. 1800 Credits: 3
  HIST 342 also fulfills the Human Diversity Requirement.
- HIST 343 - History of Southeast Asia Since ca. 1800 Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  HIST 343 is a writing infused course.
- HIST 346 - Women in Asian History Credits: 3
  May be counted toward the minor when topic is appropriate.
  HIST 346 also fulfills the Human Diversity Requirement.
- HIST 387 - History of Genocide Credits: 3
  May be counted toward the minor when topic is appropriate.
  HIST 387 also fulfills the Human Diversity Requirement.
- HIST 442 - History of Buddhist Southeast Asia Credits: 3
  HIST 442 also fulfills the Human Diversity Requirement.
- HIST 443 - History of Islamic Southeast Asia Credits: 3
- HIST 447 - History of Burma Credits: 3
  HIST 447 is a writing infused course.
  HIST 447 also fulfills the Human Diversity Requirement.
- HIST 449 - History of Malaysia and Singapore Credits: 3
- HIST 469 - The Vietnam War Credits: 3
- HIST 475 - The United States and Southeast Asia and the Indian Subcontinent Credits: 3
  HIST 475 is a writing infused course.
  HIST 475 also fulfills the Human Diversity Requirement.
- HIST 480 - Spies, Lies and Secret Wars: CIA in the World Credits: 3
  May be counted toward the minor when topic is appropriate.
- HIST 491 - Special Topics in History Credits: 3
  J. Asian
  May be counted toward the minor when topic is appropriate.
- JOUR 482 - International News Communications Credits: 3
  May be counted toward the minor when topic is appropriate.
- MUHL 430 - Seminar in Music History and Literature Credits: 3
- MUHL 431 - Music of Southeast Asia Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- MUSE 370 - Gamelan Credits: 1
- POLS 362 - Politics of Developing Areas Credits: 3
  May be counted toward the minor when topic is appropriate.
- POLS 365 - Origins of Political Order Credits: 3
- POLS 371 - Politics in Southeast Asia Credits: 3
- POLS 376 - Political Violence Credits: 3
  May be counted toward the minor when topic is appropriate.
- POLS 378 - Political Islam Credits: 3
  May be counted toward the minor when topic is appropriate.
- POLS 384 - Contemporary Foreign Policy Credits: 3
  May be counted toward the minor when topic is appropriate.
- POLS 395 - Contemporary Topics in Political Science Credits: 3
  May be counted toward the minor when topic is appropriate.
- POLS 495 - Seminar in Current Problems Credits: 3
  May be counted toward the minor when topic is appropriate.
- POLS 496 - Independent Study in Political Science Credits: 1-6
  May be counted toward the minor when topic is appropriate.
- SEAS 225 - Southeast Asia: Crossroads of the World Credits: 3

Available for General Education credit in the Society and Culture Domain.

- SEAS 490 - Advanced Topics in Interdisciplinary Studies Credits: 3
  May be counted toward the minor when topic is appropriate.

Certificate of Undergraduate Study

Asian American Studies (12)

Coordinator: Jui-Ching Wang (School of Music)

This certificate is designed to provide interested students with a strong sense of the Asian American experience and its impact on individuals, their communities, and this nation.

The certificate of undergraduate study is open to all students admitted to NIU. Students must maintain good academic standing within the university, achieve a minimum grade of C in each course applied toward the certificate, and complete all certificate work within a period of six calendar years. Some courses may have prerequisites that are not part of the certificate curriculum. Students pursuing the certificate should meet with the coordinator for this certificate of undergraduate study early in their program of study.

Requirements

Two of the following (6)

- ANTH 302 - Asian American Cultures Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  ANTH 302 also fulfills the Human Diversity Requirement.
- HDFS 384 - Asian American Families Credits: 3
  HDFS 384 also fulfills the Human Diversity Requirement.

Two of the following (6)

- ANTH 407 - Peoples and Cultures of Southeast Asia Credits: 3
- ANTH 422 - Gender in Southeast Asia Credits: 3
  ANTH 422 is a writing infused course.
- ART 489 - Topics in Art Credits: 1-6
- ARTH 294 - Introduction to Arts of Asia Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- ARTH 370 - Studies in Asian Art Credits: 3 A. Chinese Art
  OR ARTH 370B - Studies in Asian Art: Japanese Art Credits: 3
  OR ARTH 370C - Studies in Asian Art: South and Southeast Art Credits: 3
  OR ARTH 370D - Studies in Asian Art: Southeast Art Credits: 3
  ARTH 370 A-D are writing infused courses.
- ARTH 457 - Cultural Perspectives in Asian Art Credits: 3
  ARTH 457 is a writing infused course.
- ENGL 335 - World Literature Credits: 3
  (When a substantial part of the course is devoted to Asian or Asian American topics, with approval of the coordinator.)
  ENGL 335 is a writing infused course.
  ENGL 335 also fulfills the Human Diversity Requirement.
- ENGL 381 - Multicultural American Literature Credits: 3
  (When a substantial part of the course is devoted to Asian or Asian American topics, with approval of the coordinator.)
  ENGL 381 is a writing infused course.
  ENGL 381 also fulfills the Human Diversity Requirement.
- ENGL 474 - The International Short Story Credits: 3
  (When a substantial part of the course is devoted to Asian or Asian American topics, with approval of the coordinator.)
  ENGL 474 is a writing infused course.
- ENGL 477 - Postcolonial and New Literatures in English Credits: 3
  (When a substantial part of the course is devoted to Asian or Asian American topics, with approval of the coordinator.)
  ENGL 477 also fulfills the Human Diversity Requirement.
- EPFE 430 - Comparative and International Education Credits: 3
  (When a substantial part of the course is devoted to Asian or Asian American topics, with approval of the coordinator.)
- HIST 346 - Women in Asian History Credits: 3
  HIST 346 also fulfills the Human Diversity Requirement.
- MUHL 431 - Music of Southeast Asia Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- MUHL 432 - Music of China Credits: 3
- MUSE 370 - Gamelan Credits: 1
  (May be repeated and counted toward the certificate for up to 3 semester hours.)
- MUSE 375 - Chinese Music Ensemble Credits: 1
  (May be repeated and counted toward the certificate for up to 3 semester hours.)
- NUTR 406 - Global Food and Nutrition Issues Credits: 3
  (When a substantial part of the course is devoted to Asian or Asian American topics, with approval of the coordinator.)
  NUTR 406 is a writing infused course.
  Available for General Education credit in the Society and Culture Domain.
- NUTR 424 - Cultural and National Food Patterns Credits: 3
  (When a substantial part of the course is devoted to Asian or Asian American topics, with approval of the coordinator.)

- POLS 371 - Politics in Southeast Asia Credits: 3
- POLS 372 - Politics of China, Japan, and Korea Credits: 3
- SEAS 225 - Southeast Asia: Crossroads of the World Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- A course in an Asian language with approval of the coordinator (3)
- An independent study course on an Asian or Asian American topic, with approval of coordinator (3)

Black Studies (12)

Coordinator: Joseph Flynn, Associate Director of Academic Affairs, Center for Black Studies

This certificate is designed to provide interested students with a strong sense of the African American culture and experience and its impact on individuals and society.

The certificate of undergraduate study is open to all students admitted to NIU. Students must maintain good academic standing within the university, achieve a minimum grade of C in each course applied toward the certificate, and complete all certificate work within a period of six calendar years. Some courses may have prerequisites that are not part of the certificate curriculum. Students pursuing the certificate should meet with the coordinator for this certificate of undergraduate study early in their program of study.

Requirements (12)

Two of the following (6)

- BKST 200 - Racism in American Culture and Society Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  BKST 200 also fulfills the Human Diversity Requirement.
- BKST 300 - Foundations of Black Studies Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- BKST 493 - Afrocentricity Credits: 3

Additional Coursework (6)

Two of the following (6)

- ANTH 404 - Peoples and Cultures of the Caribbean Credits: 3
- BKST 202 - Issues Facing African-American Students Credits: 3
- BKST 211 - Educating African Americans Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  BKST 211 also fulfills the Human Diversity Requirement.
- BKST 219 - Introduction to African Studies Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- BKST 302 - Topics in Black Studies Credits: 3
- BKST 312 - Social Philosophy of Hip Hop Culture Credits: 3
- BKST 316 - African-American Critical Thought Credits: 3
- BKST 350 - Black Economics Credits: 3
- BKST 402 - The Africana Woman Credits: 3
- BKST 405 - Contemporary Issues of Black Men Credits: 3
- BKST 410 - Psychology of African American Experience Credits: 3
- BKST 420 - Black Religion in America Credits: 3
- BKST 440 - Black Liberation Movements Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- BKST 445 - Independent Study in Black Studies Credits: 1-3
- ECON 341 - Economic Area Studies Credits: 3
- ENGL 381 - Multicultural American Literature Credits: 3
  ENGL 381 is a writing infused course.
  ENGL 381 also fulfills the Human Diversity Requirement.
- GEOG 336 - Geography of Africa Credits: 3
- HIST 348 - African History to 1600 Credits: 3
  HIST 348 also fulfills the Human Diversity Requirement.
- HIST 349 - African History Since 1600 Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  HIST 349 also fulfills the Human Diversity Requirement.
- HIST 353 - Women in African History Credits: 3
  HIST 353 is a writing infused course.
  HIST 353 also fulfills the Human Diversity Requirement.
- HIST 354 - History of Black American Business and Entrepreneurship Credits: 3
  HIST 354 also fulfills the Human Diversity Requirement.
- HIST 355 - History of Black American Music Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  HIST 355 is a writing infused course.
- HIST 364 - African-American History to 1865 Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  HIST 364 also fulfills the Human Diversity Requirement.
- HIST 365 - African-American History Since 1865 Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  HIST 365 also fulfills the Human Diversity Requirement.
- HIST 375 - Civil Rights Movement, 1954-1974 Credits: 3
  HIST 375 is a writing infused course.
  HIST 375 also fulfills the Human Diversity Requirement.

- HIST 440 - Islam and Colonialism in Africa Credits: 3
  HIST 440 is a writing infused course.
  HIST 440 also fulfills the Human Diversity Requirement.
- HIST 441 - The African Diaspora Credits: 3
  HIST 441 also fulfills the Human Diversity Requirement.
- JOUR 490 - Ethnic Minorities and the News Media Credits: 3
- POLS 368 - Politics of Africa Credits: 3
- SOCI 361 - Race and Ethnicity Credits: 3
  SOCI 361 also fulfills the Human Diversity Requirement.
- THEA 477 - African American Theatre Credits: 3

Film and Television Studies (15)

Coordinator: Randy Casperson, Department of Communication

This interdisciplinary certificate is intended to provide a broad background in the area of media literacy and critical thinking. The certificate is designed to complement undergraduate course work in a variety of majors. The certificate is particularly appropriate for students preparing for, or currently working in, a variety of disciplines or careers in media production, broadcasting, public relations, marketing, advertising, visual arts, critical studies, politics, and literature.

Students must maintain good academic standing in the university, achieve a minimum grade of C in each certificate course, achieve a GPA of at least 2.00 in all certificate courses, and complete all certificate course work within six calendar years. Some courses may have prerequisites that are not part of the certificate curriculum. All course requirements for the certificate must be completed at NIU.

In addition to the approved elective courses listed below, any undergraduate-level special topics course focusing on film or television studies may be counted toward the certificate with the approval of the coordinator of the Film and Television Studies Certificate of Undergraduate Study. No transfer credit is allowed for the certificate. Students pursuing a certificate in Film and Television Studies should meet with the certificate director in the Department of Communication early in their academic careers.

Requirements (15)

- COMS 356 - Critical Interpretation of Film/Television Credits: 3
  Available for general education credit in the Creativity and Critical Analysis Domain.
- ENGL 363 - Film and Literature Credits: 3
  ENGL 363 is a writing infused course.

Three of the following from at least two different departments (9)

- COMS 390 - Major Directors Credits: 3
- COMS 456 - History of Film Before 1950 Credits: 3
- COMS 457 - The Documentary Tradition Credits: 3
- COMS 458 - History of Film After 1950 Credits: 3
- COMS 459 - History of Broadcasting Credits: 3
- OR JOUR 459X - History of Broadcasting Credits: 3
- COMS 460 - Television Theory and Criticism Credits: 3
- COMS 462 - Film Theory and Criticism Credits: 3
- COMS 466 - Narrative Scriptwriting Credits: 3
  COMS 466 is a writing infused course.
- COMS 493 - Special Topics in Media Studies Credits: 3
  May be repeated with change of topic up to 6 semester hours.
  Topic must deal with television or film.
- ENGL 400 - Literary Topics Credits: 3
  May be repeated with change of topic up to 6 semester hours.
  Topic must deal with television or film.
- HIST 383 - Latin America through Film Credits: 3
  Available for general education credit in the Creativity and Critical Analysis Domain.
  HIST 383 also fulfills the Human Diversity Requirement.
- HIST 390 - Film and History Credits: 3
  May be repeated with change of topic up to 6 semester hours.
- POLS 306 - The Mass Media in American Politics Credits: 3
- POLS 312 - Law and Film Credits: 3
- POLS 392 - Politics and Film Credits: 3

Interdisciplinary Concentration

Concentration in Medieval Studies

Coordinators: Nicole Clifton and Valerie Garver (Department of History)

The medieval studies concentration offers undergraduates a course of study in medieval culture and civilization. Students in any baccalaureate degree program who have at least sophomore standing and a GPA of 2.00 or better can complete the requirements for a concentration in medieval studies by selecting their general education and elective courses from those listed below. Students in medieval studies must register with one of the coordinators of medieval studies for approval of the program of study.

Requirements (21)

- MDST 225 - Medieval Society and Culture Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
  This is a creativity and cricial analysis general education course for the Origins and Influences Pathway.

- MDST 425 - Seminar in Medieval Studies Credits: 3
  This course should be taken after all or most other course requirements have been completed.

Five of the following from at least three departments (15)

- ARTH 310 - Studies in Ancient and Middle-Eastern Art Credits: 3 H. Islamic Art
  ARTH 310 is a writing infused course.
  Available for General Education credit in the Society and Culture Domain.
- ARTH 320 - Studies in Medieval Art Credits: 3
  ARTH 320 is a writing infused course.
- ARTH 330 - Studies in Early Modern European Art Credits: 3 A. Early Italian Renaissance Art
  OR ARTH 330 - Studies in Early Modern European Art Credits: 3 B. Early Northern Renaissance Art
  ARTH 330 is a writing infused course.
  Available for General Education credit in the Society and Culture Domain.
  This is a society and culture general education course for Origins and Influences Pathway.
- ARTH 452 - Cultural Perspectives in Global Medieval Art Credits: 3
  ARTH 452 is a writing infused course.
- ARTH 453 - Cultural Perspectives in Early Modern Art Credits: 3
  ARTH 453 is a writing infused course.
- ENGL 271 - Classical Mythology Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
  This is a society and culture general education course for Origins and Influences Pathway.
- ENGL 320 - History of the English Language Credits: 3
- ENGL 337 - Western Literature: Classical and Medieval Credits: 3
  ENGL 337 is a writing infused course.
- ENGL 340 - The Bible as Literature Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- ENGL 405 - Early English Literature Credits: 3
  ENGL 405 is a writing infused course.
- ENGL 406 - Chaucer Credits: 3
  ENGL 406 is a writing infused course.
- ENGL 420 - Arthurian Literature Credits: 3
  ENGL 420 is a writing infused course.
- FLCL 101 - Beginning Latin I Credits: 3
- FLCL 102 - Beginning Latin II Credits: 3
- FLCL 201 - Intermediate Latin I Credits: 3
- FLFR 482 - History of the French Language Credits: 3
  FLFR 482 is a writing infused course.
- FLGE 485 - History of the German Language Credits: 3
  FLGE 485 is a writing infused course.
- FLSP 491 - History of the Spanish Language Credits: 3
- HIST 110 - History of the Western World I: Problems in the Human Past Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
  HIST 110 also fulfills the Human Diversity Requirement.
- HIST 304 - Late Antiquity and the Fall of Rome Credits: 3
  HIST 304 is a writing infused course.
- HIST 305 - Early Middle Ages Credits: 3
  HIST 305 is a writing infused course.
  HIST 305 also fulfills the Human Diversity Requirement.
- HIST 306 - Later Middle Ages Credits: 3
  HIST 306 is a writing infused course.
  HIST 306 also fulfills the Human Diversity Requirement.
- HIST 319 - The Early Islamic World Credits: 3
- HIST 407 - Medieval Women Credits: 3
  HIST 407 is a writing infused course.
  HIST 407 also fulfills the Human Diversity Requirement.
- HIST 408 - Medieval Everyday Life Credits: 3
  HIST 408 also fulfills the Human Diversity Requirement.
- HIST 420 - The Renaissance Credits: 3
- HIST 491 - Special Topics in History Credits: 3
  B. Medieval
- MATH 304 - History of Mathematics Through the 17th Century Credits: 3
- MUHL 321 - History and Literature of Music I Credits: 3
- PHIL 321 - Ancient Greek Philosophy Credits: 3
- PHIL 390 - Topics in Philosophy Credits: 3
  For relevant topics only by permission of Medieval Studies Coordinator.
- PHIL 421 - Major Philosophers Credits: 3
  For relevant topics only by permission of Medieval Studies Coordinator.
- POLS 350 - Classical and Medieval Political Theory Credits: 3
- THEA 370 - History of Theatre and Drama I Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
  THEA 370 is a writing infused course.

Pre-Professional Studies

Pre-dentistry

Most dental schools require PSYC 102, PSYC 225, STAT 200, and two semesters of English composition. See also the College of Liberal Arts and Sciences section for more information on pre-professional programs.

Pre-law

Requirements

Law schools do not usually recommend specific courses of study. They are primarily concerned with a well developed major and the study of the basic tools of the law: logic, the ability to speak with clarity and force and the ability to write. The courses listed below are suggestions selected with the development of an appreciation of the nature of the law and legal study in mind. Many of these courses may also assist the student in refining the basic skills just mentioned. Students should feel free to incorporate in their programs of study as many or as few of these as they desire.

- ACCY 206 - Introductory Financial Accounting Credits: 3
- AND ACCY 207 - Introductory Cost Management Credits: 3
- OR ACCY 288 - Fundamentals of Accounting Credits: 3
- COMS 304 - Persuasion Credits: 3
- OR COMS 305 - Argumentation and Debate Credits: 3
  COMS 305 is a writing infused course.
- ECON 260 - Principles of Microeconomics Credits: 3
- ECON 261 - Principles of Macroeconomics Credits: 3
- ENGL 300 - Advanced Essay Composition Credits: 3 (special sections designated for pre-law)
  ENGL 300 is a writing infused course.
- MGMT 217 - Legal Environment of Business Credits: 3
- MGMT 438 - Human Resource Planning and Staffing Credits: 3
- PHIL 103 - Contemporary Issues in Ethics Credits: 3
- PHIL 105 - Logic and Critical Reasoning Credits: 3
- PHIL 353 - Philosophy of Law Credits: 3
- POLS 356 - American Political Thought I Credits: 3
- POLS 410 - Constitutional Law I Credits: 3
- POLS 411 - Constitutional Law II Credits: 3
- POLS 412 - Constitutional Law III Credits: 3

Pre-medicine

Additional classes in sociology and psychology are recommended and these include PSYC 102 and classes in social, cognitive, and abnormal psychology. Additional useful classes for MCAT preparation include Cellular Physiology (BIOS 465) and Immunobiology (BIOS 440). See also the College of Liberal Arts and Sciences section for more information on pre-professional programs.

Pre-optometry

Many optometry schools require Elementary Statistics - STAT 200 and Lifespan Development - PSYC 225. See also the College of Liberal Arts and Sciences section for more information on pre-professional programs.

Pre-pharmacy

Most pharmacy programs require an economics class (ECON 260) and an anatomy class (BIOS 311 or BIOS 357). NIU also maintains an affiliation program with the UIC College of Pharmacy that will guarantee admissions to highly qualified students. Consult the pre-professional adviser for details on this program. See also the College of Liberal Arts and Sciences section for more information on pre-professional programs.

Pre-veterinary Medicine

Many veterinary programs require one semester of animal science. Applied animal science classes are not offered at NIU, but can typically be taken at a community college over the summer. Most veterinary programs have biological chemistry as a requirement (CHEM 472 and CHEM 473). See also the College of Liberal Arts and Sciences section for more information on pre-professional programs.

School of Public and Global Affairs

The School of Public and Global Affairs spans academic boundaries within the university to foster interdisciplinary programs and collaborative relationships among students, staff, and faculty throughout Northern Illinois University. Membership in the school includes the Department of Economics (ECON), the Department of Political Science (POLS), Department of Public Administration (PSPA), the Center for Nonprofit and NGO Studies (NNGO) (see also those individual sections in the catalog), and individual memberships, especially faculty engaged with specific interdisciplinary degree programs.

The school is focused on the interdisciplinary nature of governance problems and issues with an emphasis on public, private, and nonprofit collaborative relationships that seek to improve communities and individuals in the United States and around the world. The school fosters and supports collaboration by member units and individuals to address public affairs challenges with interdisciplinary curricula, scholarship, training, and professional and public services with a local, national, and global perspective. The school supports the degrees, minors, and certificates offered by member units.

The Center for Nonprofit and NGO Studies (NNGO)

The Center for Nonprofit and NGO Studies (NNGO) is an interdisciplinary, faculty-governed center that engages in a range of activities that support leadership and development of domestic and international non-governmental organizations (NGOs), with a particular focus on regional and global NGOs that are headquartered in northern Illinois. Faculty, staff, and students work with the NGO sector in research, education and training, and engagement to promote the professionalization of NGO management and to

increase their capacities to provide services to their clients. Faculty from throughout the university participate in its activities.

The Center for Nonprofit and NGO Studies offers both a B.A. and a B.S. degree for a major in nonprofit and NGO studies that is designed primarily for students seeking a career in public affairs in government, voluntary social agencies, and public interest groups. Each student must complete the required courses of the major along with an emphasis field. Several university departments participate in the major in community leadership and civic engagement.

Nonprofit and NGO Studies Faculty

Alicia Schatteman, Ph.D., Rutgers University, assistant professor, acting director
Laura Heideman, Ph.D., University of Wisconsin, assistant professor
Mark Schuller, Ph.D., University of California, assistant professor

Political Science (POLS)

The Department of Political Science offers the B.A. and B.S. degree with a major in political science with emphases in politics, public law, public administration and service, and international politics.

The emphasis in politics is designed for students who want maximum flexibility within their program of study or wish to create a particular specialization within political science, such as American government, biopolitics, or political theory.

The emphasis in public law is designed for political science students interested in public law, although students seeking admission to law school need not be political science majors nor must they follow any particular course of study. Students with an interest in pre-law should see "Pre-professional Studies."

The emphasis in public administration and service is designed primarily for students seeking a career in public affairs in federal, state, or local governments; in voluntary social agencies or public interest groups; and for careers in business emphasizing the interaction between private enterprise and government.

The emphasis in international politics is for students seeking international careers, especially in governmental agencies and business.

Internship opportunities with academic credit are available through the department. Interested students should contact the department's internship coordinator.

The department also offers a minor for students with an interest in politics. In addition, it participates in the interdisciplinary minors in black studies, Chinese/Japanese studies, classical studies, environmental studies, gerontology, international studies, Latino and Latin American studies, public administration, Southeast Asian studies, urban studies, and women's studies. Non-majors can use one of several lower-division political science courses toward fulfilling the university's general education requirements in the social sciences area.

Department Restriction

A student may take no more than 15 semester hours in 100- and 200-level political science courses to be counted toward a political science major and no more than 9 semester hours in 100- and 200-level political science courses to be counted toward a political science minor.

Course List

Many of the courses offered by the department relate to more than one of the seven fields of political science. However, as a general guide to the student, the following numbering system is used.

-00 to -09, American government
-10 to -19, Public law
-20 to -39, Public policy/public administration
-40 to -49, Empirical theory and behavior
-50 to -59, Political theory
-60 to -79, Comparative politics
-80 to -89, International relations
-90 to -99, General

Political Science Faculty

Larry E. Arnhart, Ph.D., University of Chicago, Distinguished Research Professor, adjunct professor emeritus
Bradford Bishop, Ph.D., Duke University, assistant professor
Michael Clark, Ph.D., University of California, Santa Barbara, associate professor
Gary D. Glenn, Ph.D., University of Chicago, Distinguished Teaching Professor, adjunct professor emeritus
Kikue Hamayotsu, Ph.D., Australian National University, associate professor
Rebecca J. Hannagan, Ph.D., University of Nebraska, associate professsor
Shweta Moorthy, Ph.D., University of Illinois, assistant professor
J. Mitchell Pickerill, Ph.D., University of Wisconsin, associate professor
Andrea Radasanu, Ph.D., University of Toronto, associate professor
Scot Schraufnagel, Ph.D., Florida State University, associate professor
S. Adam Seagrave, Ph.D., University of Notre Dame, assistant professor
Matthew J. Streb, Ph.D., Indiana University, professor, chair
H. Brendon Swedlow, Ph.D., University of California, Berkeley, associate professor
Kheang Un, Ph.D., Northern Illinois University, assistant professor
Daniel H. Unger, Ph.D., University of California, Berkeley, associate professor
Artemus E. Ward, Ph.D., Syracuse University, professor
Mikel L. Wyckoff, Ph.D., University of Maryland, adjunct associate professor emeritus

Department of Public Administration (PSPA)

The mission of the Department of Public Administration is to advance excellence in public management by preparing men and women for public service careers. The department focuses principally on the dynamics of leading and managing organizations that address political, social, economic, environmental, and administrative problems in the public and non-profit sectors. The department has no undergraduate major. Rather, it provides service courses to a wide variety of majors and minors, including majors in POLS, BSAM and NNGO; and minors in black studies, urban studies, and public administration to support undergraduate students who aspire to a public service career.

Public Administration Faculty

Kurt M. Thurmaier, Ph.D., Syracuse University, Presidential Engagement Professor, chair
Li-Yin Liu, Northern Illinois University, Visiting Assistant Professor
Michael T. Peddle, Ph.D., Northwestern University, associate professor, assistant chair
Alicia M. Schatteman, Ph.D., Rutgers University, assistant professor
Eric S. Zeemering, Ph.D. Indiana University, associate professor

Majors

Public Service Leadership (B.S.) (School of Public and Global Affairs)

General Information

This major is designed primarily as a degree completion program in an online format for students with an A.A.S. in a discipline directly related to one of the program emphases, or students holding an A.A./A.S. degree in a public service career track, especially police, fire, and public works positions. All majors must meet NIU's requirements for general education (21-33 hours), complete a minimum of 40 hours of course work at the 300-400 level, and earn a minimum of 30 hours at NIU. Up to 30 hours of proficiency credit can be applied toward the 120-credit-hour university graduation requirements with the approval of the department adviser and chair. The completion of a culminating experience (e.g., senior seminar, capstone course or project, or internship, etc.) is required for all majors.

B.S. in Public Service Leadership Degree Completion Program

The B.S. in Public Service Leadership degree completion program is designed is designed to award credit to practicing professionals for their recent education and previous learning experiences in the relevant fields of public sector employment. In addition to the course requirements outlined below, up to 30 semester hours of credit may be awarded for documented prior learning through professional experiences and education in an area related to the emphasis. Students interested in the B.S. in Public Service Leadership degree completion program should contact a program advisor for a course counseling session.

Proficiency Credit (0-30)

Up to 30 hours of proficiency credit may be applied toward the 120-credit hour university requirement. The number of credits awarded will be based on the evaluation of the professional portfolio, submitted at the completion of SPGA 490, by a panel of faculty in the emphasis area. These credits will be applied to the student's transcript upon appropriate approval at the departmental and college levels, and the completion of all designated 300- and 400-level course work for the Public Service Leadership degree.

B.S. P.S.L. Core Requirements (40)

The following core requirements are designed to address core competencies related to program learning outcomes for the B.S.in Public Service Leadership. Students should select courses that are most appropriate in consultation with an advisor.

- ACCY 288 - Fundamentals of Accounting Credits: 3
- POLS 330 - Bureaucracy and the Public Policy Process Credits: 3
- OR PSPA 330X - Bureaucracy and the Public Policy Process Credits: 3
- POLS 331 - Public Administration Credits: 3
- OR PSPA 331X - Public Administration Credits: 3
- POLS 340 - Political Analysis Credits: 3
- OR STAT 100 - Basic Statistics Credits: 3
- PSPA 320 - Public Service Leadership Credits: 3
- PSPA 332 - Strategic Performance Management of Public Service Organizations Credits: 3
- PSPA 411 - The Ethical Public Administrator Credits: 3
- PSPA 412 - Public Budgeting Credits: 3
- SPGA 480 - Capstone Credits: 3
- SPGA 490 - Professional Portfolio Assessment Credits: 1
- SOCI 375 - Sociology of Organizations Credits: 3

At least one of the following:

- COMS 362 - Intercultural Communication Credits: 3
- COMS 464 - Organizational Communication Strategies Credits: 3
- ECON 350 - Introduction to Public Sector Economics Credits: 3
- POLS 303 - State and Local Government Credits: 3

- OR PSPA 303X - State and Local Government Credits: 3
- PSPA 410 - Supervision in the Public Sector Credits: 3
- PSPA 413 - Community Engagement in Public Service Agencies Credits: 3

  At least 6 credits of 300-400 level course work in a relevant discipline, selected in consultation with a program advisor.

General Education Requirements (0-33)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

NOTE: previous coursework completed for AA/AS/AAS degrees may fulfill some or all general education requirements.

Foundational Studies (0-12)

Writing Requirement (0-6)
Oral Communication Requirement (0-3)
Quantitative Literacy Requirements (0-3)

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domain Requirements (0-21)

Creativity and Critical Analysis (0-6)

- Two 3-credit courses selected from approved general education list. Creativity and Creative Analysis Course List

Nature and Technology (0-6)

- Two 3-credit courses selected from approved general education list. Nature and Technology Course List

Society and Culture (0-6)

- One or Two 3-credit courses selected from approved general education list. Society and Culture Course List
- If COMS 362, a program elective is taken, it can fulfill one course requirement in this domain.

Knowledge Domain Elective (0-3)

- One additional 3-credit course from any Knowledge Domain.

Graduation Requirements (6-9)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (0-3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (6)

- Two courses from the approved Writing Infused course list. Writing Infused Course List

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS: 6-42

TOTAL HOURS FOR ELECTIVES: 8-74

TOTAL HOURS FOR A B.S. DEGREE IN PUBLIC SERVICE LEADERSHIP: 120

Anthropology (ANTH)

The Department of Anthropology offers both a B.A. and a B.S. degree for majors in anthropology. Either degree may be obtained with honors and can be used to gain licensure to teach social sciences at the junior and senior high school levels. Students choose one of four emphasis areas that include A) Social Complexity and Inequality, B) Environment and Evolution, C) Language, Culture, and Mind, or D) General Anthropology. The department also offers a minor in anthropology, which should be of special interest to students in art history, biological sciences, business management, geology, humanities, social sciences, visual communications, and world languages and cultures.

Some of the department's lower-division courses can be used by non-majors toward fulfilling the distributive studies area requirements in the university's general education program. The department participates in the interdisciplinary minors in black studies, international studies, Latino/Latin American studies, linguistics, Southeast Asian studies, and women's and gender studies.

Course Information

Prerequisites for courses may be waived with the consent of the department. Courses numbered 200 and above in anthropology are grouped in the following categories.

-00 through -09: Ethnology
-10 through -19, Archaeology
-20 through -29, Cultural anthropology
-30 through -39, Linguistic anthropology
-40 through -49, Physical anthropology
-50 through -59, History and theory of anthropology
-60 through -69, Special or multidisciplinary
-70 through -79, Archaeology
-90 through -99, General

Anthropology Faculty

Leila Porter, Ph.D., Stony Brook University, Presidential Engagement Professor, chair
Dana Bardolph, Ph.D. University of California, Santa Barbara, assistant professor
Giovanni Bennardo, Ph.D., University of Illinois, Distinguished Research Professor; Board of Trustees Professor
Kristen Borre, Ph.D., University of North Carolina, instructor
Christy DeLair, Ph.D., Brown University, Director Pick Museum of Anthropology
Mitchell Irwin, Ph.D., Stony Brook University, professor
Judy L. Ledgerwood, Ph.D., Cornell University, Presidential Engagement Professor, Director of the Center for Southeast Asian Studies
Emily McKee, Ph.D., University of Michigan, associate professor
Micah Morton, Ph.D. University of Wisconsin, Madison, assistant professor
Kerry Sagebiel, Ph.D., University of Arizona, instructor
Mark Schuller, Ph.D., University of California, professor

Majors

Anthropology (B.A. or B.S.)

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Requirements in Department (36-37)

- ANTH 210 - Exploring Archaeology Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- ANTH 220 - Being Human: Introduction to Cultural Anthropology Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- ANTH 230 - Introduction to Linguistic Anthropology Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- ANTH 240 - Becoming Human: Discovering Human Origins Credits: 3
  Available for General Education credit in the Nature and Technology Domain.

At least one 300- or 400-level course in each of the following categories (12-13)

- Archaeology
- Cultural Anthropology
- Linguistic anthropology
- Physical anthropology

Four additional courses, selected from one of the three emphasis areas. (12)

(A) Social Complexity and Inequality

- ANTH 301 - American Culture Credits: 3
  ANTH 301 also fulfills the Human Diversity Requirement.
- ANTH 302 - Asian American Cultures Credits: 3
  ANTH 302 also fulfills the Human Diversity Requirement.
  Available for General Education credit in the Society and Culture Domain.
- ANTH 304 - Muslim Cultures in Anthropological Perspective Credits: 3
- ANTH 311 - Archaeology of Food Credits: 3
- OR ENVS 311X - Archaeology of Food Credits: 3
- ANTH 313 - Archaeology through Fiction Credits: 3
- ANTH 326X - Survey of World Music Credits: 3
  ANTH 326X is a writing infused course.
  ANTH 326X also fulfills the Human Diversity Requirement.
- ANTH 328 - Anthropology of Religion Credits: 3
- ANTH 329 - Anthropology and Contemporary World Problems Credits: 3
  ANTH 329 also fulfills the Human Diversity Requirement.
- ANTH 331 - Language and Culture Credits: 3
  ANTH 331 is a Writing Infused course.
- ANTH 361 - Cross-Cultural Perspectives on Women Credits: 3
- ANTH 363 - Globalization and Corporate Cultures Credits: 3
- ANTH 404 - Peoples and Cultures of the Caribbean Credits: 3
- ANTH 407 - Peoples and Cultures of Southeast Asia Credits: 3
- ANTH 409 - Cultures and Societies of the Middle East Credits: 3
  ANTH 409 also fulfills the Human Diversity Requirement.
  ANTH 409 is a Writing Infused course.

- ANTH 412 - Native North America Credits: 3
- ANTH 413 - Illinois Archaeology Credits: 3
- ANTH 414 - Aztecs, Olmec, and Maya: The Archaeology of Mesoamerica Credits: 3
- ANTH 415 - Archaeology of the American Southwest Credits: 3
- ANTH 417 - Archaeology of South America Credits: 3
- ANTH 421 - Social Organization Credits: 3
- ANTH 422 - Gender in Southeast Asia Credits: 3
  ANTH 422 is a Writing Infused course.
- ANTH 424 - Anthropology of Peace and Conflict Resolution Credits: 3
- ANTH 426 - Political Anthropology Credits: 3
  ANTH 426 also fulfills the Human Diversity Requirement.
- ANTH 427 - Economic Anthropology Credits: 3
- ANTH 429X - International NGOs and Globalization Credits: 3
  ANTH 429X also fulfills the Human Diversity Requirement.
- ANTH 441 - Sexual Selection in Primates Credits: 3
  ANTH 441 is a Writing Infused course.
- ANTH 449 - Primates and Food Credits: 3
- ANTH 466 - Resource Conflicts and Environmental Peacebuilding Credits: 3
- OR ENVS 466X - Resource Conflicts and Environmental Peacebuilding Credits: 3
- ANTH 468 - Anthropology of Gender Credits: 3
- ANTH 469 - Archaeology of Empires Credits: 3
- ANTH 490 - Anthropological Research Training Credits: 3-6
  With approval from the departmental advisor.
- ANTH 491 - Current Topics in Anthropology Credits: 3
  Students may take 3-9 semester hours in this course.
  With approval from the departmental advisor.
- ANTH 493 - Anthropology Field Study Credits: 1-6
  With approval from the departmental advisor.
- ANTH 498 - Independent Study in Anthropology Credits: 1-6
  With approval from the departmental advisor.

(B) Environment and Evolution

- ANTH 311 - Archaeology of Food Credits: 3
- OR ENVS 311X - Archaeology of Food Credits: 3
- ANTH 313 - Archaeology through Fiction Credits: 3
- ANTH 341 - Primatology Credits: 3
- ANTH 343 - Extinction: Where the Wild Things Were Credits: 3
- ANTH 412 - Native North America Credits: 3
- ANTH 413 - Illinois Archaeology Credits: 3
- ANTH 414 - Aztecs, Olmec, and Maya: The Archaeology of Mesoamerica Credits: 3
- ANTH 415 - Archaeology of the American Southwest Credits: 3
- ANTH 417 - Archaeology of South America Credits: 3
- ANTH 420 - Waterworlds Credits: 3
- OR ENVS 420X - Waterworlds Credits: 3
- ANTH 423 - Environmental Anthropology of the Middle East: Cultural and Political Ecologies Credits: 3
  ANTH 423 also fulfills the Human Diversity Requirement.
- ANTH 425 - Environment and Anthropology Credits: 3
  ANTH 425 is a Writing Infused course.
- ANTH 432 - Nature and the Environment Across Cultures Credits: 3
- ANTH 441 - Sexual Selection in Primates Credits: 3
  ANTH 441 is a Writing Infused course.
- ANTH 443 - Human Adaptation and Variation Credits: 3
- ANTH 444 - Primate Ecology and Conservation Credits: 3
  ANTH 444 is a Writing Infused course.
- ANTH 445 - Primate Evolution Credits: 3
- ANTH 447 - Primate Anatomy Credits: 3
- ANTH 454 - Uses and Abuses of Evolutionary Theory Credits: 3
  ANTH 454 is a Writing Infused course.
- ANTH 464 - Disasters without Borders Credits: 3
- ANTH 466 - Resource Conflicts and Environmental Peacebuilding Credits: 3
- OR ENVS 466X - Resource Conflicts and Environmental Peacebuilding Credits: 3
- ANTH 490 - Anthropological Research Training Credits: 3-6
  With approval from the departmental adviser.
- ANTH 491 - Current Topics in Anthropology Credits: 3
  Students may take 3-9 semester hours in this course.
  With approval from the departmental adviser.
- ANTH 493 - Anthropology Field Study Credits: 1-6
  With approval from the departmental adviser.
- ANTH 498 - Independent Study in Anthropology Credits: 1-6
  With approval from the departmental adviser.

(C) Language, Culture, and Mind

- ANTH 331 - Language and Culture Credits: 3
  ANTH 331 is a Writing Infused course.
- ANTH 421 - Social Organization Credits: 3
- ANTH 425 - Environment and Anthropology Credits: 3
  ANTH 425 is a Writing Infused course.
- ANTH 432 - Nature and the Environment Across Cultures Credits: 3
- ANTH 433 - Fundamentals of Cognitive Anthropology Credits: 3
- ANTH 435 - Space in Language and Culture Credits: 3
- ANTH 438 - Cultural Models: The Language of Culture Credits: 3
- ANTH 454 - Uses and Abuses of Evolutionary Theory Credits: 3
  ANTH 454 is a Writing Infused course.
- ANTH 460 - Methods in Ethnography Credits: 3

- ANTH 466 - Resource Conflicts and Environmental Peacebuilding Credits: 3
- OR ENVS 466X - Resource Conflicts and Environmental Peacebuilding Credits: 3
- ANTH 467 - Applied Anthropology Credits: 3
  ANTH 467 is a Writing Infused course.
- ANTH 468 - Anthropology of Gender Credits: 3
- ANTH 490 - Anthropological Research Training Credits: 3-6
  With approval from the departmental adviser.
- ANTH 491 - Current Topics in Anthropology Credits: 3
  Students may take 3-9 semester hours in this course.
  With approval from the departmental adviser.
- ANTH 493 - Anthropology Field Study Credits: 1-6
  With approval from the departmental adviser.
- ANTH 498 - Independent Study in Anthropology Credits: 1-6
  With approval from the departmental adviser.
- ILAS 261 - Language, Mind, and Thought Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- OR ANTH 261X - Language, Mind, and Thought Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- OR ENGL 261X - Language, Mind, and Thought Credits: 3
  Available for General Education credit in the Nature and Technology Domain.

Requirements outside Department (B.A., 9-21; B.S., 21-26)

Either completion of a minor or at least 9 semester hours of course work at the 200 level or above in a single discipline other than anthropology to be chosen in consultation with faculty adviser. Work taken to meet the special requirements for the B.A. or B.S. degree will not be counted toward the 9 hours. (9)

For the B.A. degree

Fulfillment of foreign language requirement (0-12)
(See "Foreign Language Requirement for the B.A. Degree.") in the Other Graduation Requirements section of this catalog.

For the B.S. degree

Laboratory science/mathematical/computational skills sequence (12-17)
(See "College Requirement for the B.S. Degree.") in the Other Graduation Requirements section of this catalog.

Recommendation

Students seeking an advanced degree here or elsewhere should work closely with a faculty adviser and be aware of graduate school entrance requirements, such as satisfactory completion of a course in statistics.

TOTAL HOURS FOR A MAJOR IN ANTHROPOLOGY: 45-58 (B.A.) OR 57-63 (B.S.)

Minor

Minor in Anthropology (18)

Check departmental information for any additional requirements.

Requirements (18)

Six or more semester hours in the minor must be taken at NIU.

- Four additional courses in anthropology at the 200 level or above in consultation with a faculty adviser.

Two of the following (6)

The following courses are available for general education credit.

- ANTH 210 - Exploring Archaeology Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- ANTH 220 - Being Human: Introduction to Cultural Anthropology Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- ANTH 230 - Introduction to Linguistic Anthropology Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- ANTH 240 - Becoming Human: Discovering Human Origins Credits: 3
  Available for General Education credit in the Nature and Technology Domain.

Educator Licensure

Educator Licensure - Social Sciences: Anthropology

Students who want to be licensed to teach anthropology at the secondary level must declare their intention to do so with the History and Social Sciences Educator Licensure Program at the earliest possible opportunity. Educator licensure involves significant requirements in addition to the completion of a degree in anthropology.

Admission

Students are admitted to the History and Social Sciences Educator Licensure Program when they have

- established a file with the History and Social Sciences Educator Licensure Program and completed satisfactory reviews of progress each semester after establishment of the file;
- attained junior standing and completed at least 12 semester hours at NIU with a minimum GPA of 2.67;
- passed the Test of Academic Proficiency or equivalent recognized by the ISBE;
- completed at least 6 semester hours of anthropology at NIU and earned a minimum GPA of 3.00 in all anthropology courses taken at NIU;
- met all other Illinois State Board of Education (ISBE) requirement for admission to an educator licensure program; and
- obtained approval from the History and Social Sciences Educator Licensure Program.

Retention

Students admitted to the program must maintain program GPA requirements, display appropriate professional dispositions, and complete a satisfactory review of progress each semester with the History and Social Sciences Educator Licensure Program. Students must also pass any additional tests required by the ISBE for educator licensure such as the appropriate state Content Area Test (taken before student teaching) and the Teacher Performance Assessment (taken before program completion).

Department Requirements

Students must complete the requirements for a degree in anthropology. In addition, they must complete ANTH 496X, History and Social Science Instruction for Secondary Educators. Except in unusual circumstances, ANTH 496X must be taken in the semester immediately prior to enrollment in student teaching and concurrently with the Third Clinical Secondary School Experience in History/Social Sciences.

- ANTH 496X - History and Social Science Instruction for Secondary and Middle Grades Educators Credits: 3

Other Requirements

Students pursuing educator licensure must take additional, approved course work in history and the social sciences to acquire the broad-based, interdisciplinary knowledge required of secondary social studies educators. Students must also complete approved professional education course work in areas such as special education methods, content-area literacy, and teaching English-language learners. Contact the History and Social Sciences Educator Licensure Program for the current list of history, social science, and education courses approved for fulfilling these requirements.

Students must also complete a three-semester sequence of pre-student teaching clinical experiences, including HIST 401, Third Clinical Secondary School Experience in History/Social Sciences, as well as HIST 400, Student Teaching in History/ Social Sciences for Secondary Educators. Except in unusual circumstances, students are admitted to HIST 400 only upon satisfactory completion of all other work required for graduation and licensure.

Students pursuing educator licensure must have a grade of C or better in all course work specifically required for licensure. Higher number courses may be substituted if approved by the department.

The History and Social Sciences Educator Licensure Program complies with all ISBE rules as they relate to licensure as outlined in Title 23, Part 25 of the Illinois Administrative Code and all other applicable state laws and university requirements. Students should consult with the History and Social Sciences Educator Licensure Program to determine the necessary requirements to obtain educator licensure.

Placement

The History and Social Sciences Educator Licensure Program cannot guarantee geographic area, subject area, or availability of placements for clinical experiences including student teaching. All placements are arranged through the College of Liberal Arts and Sciences Office of School Partnerships and Placements.

The Degree with Honors

Anthropology Degree with Honors

Majors with at least a 3.30 overall GPA and a minimum 3.50 GPA in anthropology courses are eligible for the Anthropology degree with honors. Additional requirements for earning the baccalaureate degree in anthropology with honors include taking 15 semester hours of departmental honors courses in anthropology, taking 6 semester hours of ANTH 499 (senior honors research thesis) in lieu of 6 semester hours of electives in anthropology, and presenting an acceptable senior thesis. Interested students must contact an anthropology faculty member to advise their thesis and agree upon a schedule and credit hours for ANTH 499.

The University Honors Program is separate but complementary to the departmental degree with honors. Eligible students may participate in one or both programs simultaneously since there is some overlap in the requirements. Students interested in the University Honors Program are encouraged to contact the University Honors office for more detailed information.

Biological Sciences (BIOS)

The Department of Biological Sciences offers a B.S. degree which can be used to prepare for graduate studies in the biological sciences and to gain licensure to teach general science and biology at the middle school and high school levels. It has been designed so students can conveniently obtain a minor in chemistry. A departmental honors program is available for outstanding students.

The department also offers a minor in biological sciences and several courses that can be used by non-majors toward fulfilling the science area requirement in the university's general education program. In addition, courses offered by the department are required in several majors across the university and in the interdisciplinary minor in environmental studies. Students in preprofessional health-related programs are required to have course work in the biological sciences. Students interested in pursuing such careers should seek assistance early in their studies from a pre-professional adviser in the College of Liberal Arts and Sciences. (See "Pre-professional Studies.")

Biological Sciences Faculty

Garry Sunter, Ph.D., Imperial College, University of London, professor, chair
Heather Bergan-Roller, Ph.D., University of Nebraska at Lincoln, assistant professor
Neil W. Blackstone, Ph.D., Yale University, professor
Barrie P. Bode, Ph.D., University of Florida, professor
Jozef J. Bujarski, Ph.D., Adam Mickiewicz University (Poznan, Poland), Distinguished Research Professor
Ana Calvo, Ph.D., University of Alcala (Madrid), Distinguished Teaching Professor
Olivier Devergne, Ph.D., Princeton University, assistant professor
Melvin Duvall, Ph.D., University of Minnesota, St. Paul, professor
Holly Jones, Ph.D., Yale University, associate professor
Bethia H. King, Ph.D., Purdue University, professor
Richard B. King, Ph.D., Purdue University, Distinguished Research Professor
Jon Miller, Ph.D., University of Nebraska at Lincoln, Presidential Engagement Professor
Virginia L. Naples, Ph.D., University of Massachusetts, professor
Daniel R. Olson, Ed.D., Northern Illinois University, clinical associate professor
Karen Samonds, Ph.D., State University of New York, Stony Brook, associate professor
Pallavi Singh, M.Sc., Ph.D., Michigan State University, assistant professor
Wes Swingley, Ph.D., Arizona State University, associate professor
Ronald Toth, Ph.D., University of Massachusetts, adjunct professor
Linda Yasui, Ph.D., Florida State University, associate professor
Shengde Zhou, Ph.D., Auburn University, associate professor

Majors

Biological Sciences (B.S.)

A minimum of 15 of the 46 semester hours of biology required for the major must be taken at NIU. A combined maximum of 9 semester hours of credit in BIOS 370, BIOS 490, BIOS 495, and BIOS 499, including no more than 3 semester hours from BIOS 490, may be applied to the major.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Requirements in Department (46)

Note: There is a 50-semester-hour limit of biology courses whether or not they apply to the major.

Courses in Department

Please note corequisite information in courses below.

- BIOS 208 - Fundamentals of Cellular Biology Credits: 3
- AND BIOS 210 - Fundamentals of Cellular Biology Laboratory Credits: 1
- BIOS 209 - Fundamentals of Organismal Biology Credits: 3
- AND BIOS 211 - Fundamentals of Organismal Biology Laboratory Credits: 1
- BIOS 308 - Genetics Credits: 5
- BIOS 494 - Biology Senior Assessment Credits: 1
- Electives from biological sciences courses at the 300 or 400 level (32)

Biology electives

Biology electives are offered in four primary areas of departmental specialization and include:

1) Biomedical Pre-Professional
2) Cell and Molecular Biotechnology
3) Microbiology
4) Biodiversity: Ecology, Evolution and Conservation

Students should consult with the departmental advisor for assistance in selecting the appropriate sequence of courses within one of these fields of study. Lists of biology upper level elective courses that are particularly relevant for each of the tracks are available in the Department of Biological Sciences office and website.

Requirements outside Department (31-33)

Chemistry

- CHEM 210 - General Chemistry I Credits: 3

Available for General Education credit in the Nature and Technology Domain.

- AND CHEM 212 - General Chemistry Laboratory I Credits: 1
- CHEM 211 - General Chemistry II Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- AND CHEM 213 - General Chemistry Laboratory II Credits: 1
- CHEM 330 - General Organic Chemistry I Credits: 3
- OR CHEM 336 - Organic Chemistry I Credits: 3
- CHEM 331 - General Organic Chemistry II Credits: 3
- OR CHEM 337 - Organic Chemistry II Credits: 3

Math

- MATH 155 - Trigonometry and Elementary Functions Credits: 3
  Available for Foundational Studies Quantitative Literacy Requirement.
  Or satisfactory performance on the Mathematics Placement Exam
- MATH 229 - Calculus I Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.
  Performance on the Mathematics Placement Exam that results in a placement into MATH 229 will waive the MATH 155 requirement for the degree.
- AND MATH 230 - Calculus II Credits: 4
- OR MATH 211 - Calculus for Business and Social Science Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.
- AND STAT 200 - Elementary Statistics Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
  OR MATH 229 - Calculus I Credits: 4 AND STAT 200 - Elementary Statistics Credits: 4

Physics

- PHYS 210 - General Physics I Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
- AND PHYS 211 - General Physics II Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
- OR PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
- AND PHYS 273 - Fundamentals of Physics II: Electromagnetism Credits: 4
  Available for General Education credit in the Nature and Technology Domain.

TOTAL HOURS FOR A MAJOR IN BIOLOGICAL SCIENCES: 77-79

General Education Requirements (12-21)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-9)

Writing Requirement (0-6)
Oral Communication Requirement (0-3)
Quantitative Literacy Requirements (0)

- Satisfied by program requirement MATH 211 or MATH 229

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domain Requirements (12)

Creativity and Critical Analysis (6)

- Two 3-credit courses selected from approved general education list. Creativity and Creative Analysis Course List

Nature and Technology (0)

- 6 hours satisfied by required courses in BIOS, CHEM, PHYS. Nature and Technology Course List

Society and Culture (6)

- Two 3-credit courses selected from approved general education list. Society and Culture Course List

Knowledge Domain Elective (0)

- 3 hours satisfied by required courses in BIOS, CHEM, PHYS.

Graduation Requirements (6-9)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (0-3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (6)

- Two courses from the approved Writing Infused course list. Writing Infused Course List

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS: 18-30

TOTAL HOURS FOR ELECTIVES: 11-25

TOTAL HOURS FOR A B.S. DEGREE IN BIOLOGICAL SCIENCES (120)

Recommendation

Many graduate programs in the biological sciences, such as those at NIU, require the Graduate Record Examinations (including the Subject Test in biology or biochemistry) for admission. Students intending to pursue graduate study in the biological sciences should take these examinations early in their senior year.

Transfer Credit

Students will receive upper level credit for BIOS transfer courses articulated as a “BIOS EL” in the Community College Articulation Handbook.

Minor

Minor in Biological Sciences (19)

Check departmental information for any additional requirements.

Requirements (19)

A minimum of 6 hours of the electives must be completed at NIU.

- BIOS 208 - Fundamentals of Cellular Biology Credits: 3
- AND BIOS 210 - Fundamentals of Cellular Biology Laboratory Credits: 1
- BIOS 209 - Fundamentals of Organismal Biology Credits: 3
- AND BIOS 211 - Fundamentals of Organismal Biology Laboratory Credits: 1
- Electives from biological sciences courses at the 300 or 400 level (11)

Educator Licensure

Educator Licensure - Biology

All students who seek licensure to teach biology in Illinois schools should consult with the departmental licensure adviser as soon as possible and also refer to the "Educator Licensure Requirements" section of this catalog.

Undergraduate biology majors may apply for admission to educator licensure in biology at the end of the sophomore year, except in the case of transfer students who normally apply at the end of their first semester at NIU. Students who already possess the baccalaureate or higher degree and wish to pursue licensure without becoming a candidate for a degree should consult with the biology licensure adviser as early as possible.

It is strongly recommended that students completing these emphases obtain a secondary endorsement in at least one subject other than biology.

Admission and Retention Requirements in the Discipline

Students interested in pursuing licensure in biology must apply in writing to the departmental licensure adviser. Students must complete a program of study approved by the departmental licensure adviser designed to provide a broad background in the discipline meeting requirements for the undergraduate major in biological sciences at NIU. Core course requirements remain the same as for all majors in biological sciences. In addition, those seeking licensure must complete the equivalent of the mathematics sequence MATH 211 and STAT 200, BIOS 300, BIOS 305, BIOS 313, BIOS 316, BIOS 317, BIOS 355, and BIOS 484, and a selection of elective biology courses chosen in close consultation with the departmental licensure adviser to ensure adequate breadth and depth of discipline background. Students pursuing a degree in secondary science educator licensure must have a grade of C or better in all coursework specifically required for licensure. This includes all biology chemistry, physics and math courses, pedagogy, and written communication, oral communication, and psychology general education classes. Higher numbered courses may be substituted if approved by the departmental licensure adviser.

Undergraduates must have an overall NIU GPA of at least 2.50 and a minimum GPA in applicable biology, chemistry, and physics courses of 2.80. Students with a baccalaureate degree in biological sciences obtained elsewhere must have a combined GPA of at least 2.80 across the applicable biology, chemistry, and physics course work in their previous major and complete at least two upper-level courses in biology at NIU with a minimum GPA of 3.00.

All potential licensure candidates must

- have a satisfactory review of progress with the departmental licensure adviser each semester after admission to the licensure program.
- take and pass the ILTS Biology Content Test prior to applying to student teaching.

- take and pass the ILTS Assessment of Professional Teaching test before completion of the program.

Professional Development Phase and Student Teaching

The state of Illinois requires a minimum of 100 clock hours of relevant early clinical experiences prior to student teaching. This requirement may be satisfied by successfully completing the following courses.

- BIOS 401 - Third Clinical High School/Middle School Experience in Biology Credits: 2
- ILAS 201 - Introductory Clinical Experience Credits: 1
- ILAS 301 - Second Clinical Experience Credits: 1

Students must satisfactorily complete a series of discipline-based pedagogy course work.

- BIOS 414X - Interdisciplinary Teaching of Science in Secondary and Middle Level Education Credits: 3
  BIOS 414X is a writing infused course.
- BIOS 416 - Methods in Teaching Biology Credits: 3
- BIOS 428 - Student Teaching (Secondary) in Biology Credits: 12
- BIOS 486 - Transition to the Professional Biology Teacher Credits: 2
- ETT 402 - Teaching and Learning with Technology Credits: 3

Additional Requirements

- EPS 406 - Issues in Human Development and Learning in the Middle School and High School Years Credits: 3
- SESE 457 - Methods for Including Middle and Secondary Students with Exceptionalities in the General Education Classroom Credits: 3

The State of Illinois has moved from a course-based set of requirements for licensure to course and standards-based requirements. Approved licensure programs must have requirements that meet or exceed the state requirements. A list of current state minimum requirements is available from the Illinois State Board of Education web page. The biology licensure program requirements are designed to prepare candidates for licensure both to meet state requirements and to demonstrate that they meet state teaching standards.

At this time, State requirements include the possession of an appropriate baccalaureate degree from an accredited institution, a minimum of 32 semester hours in the field, pre-student teaching, clinical experiences at the 6-12 level or proof of teaching experience at the 6-12 level, student teaching or an approved teaching experience, passage of the Test of Academic Proficiency and secondary licensure subject matter examinations of the Illinois Licensure Testing System, passage of the Assessment of Professional Teaching test, and demonstration that the candidate has met teaching standards for the biology teacher. Contact the discipline coordinator for information on the necessary criteria that experiences must meet to be used to meet licensure requirements.

Additional course work may be required as determined and approved by the biology licensure coordinator to meet state standards for the preparation of teachers, licensure requirements and student needs.

The Degree with Honors

Biological Sciences Degree with Honors

The Biological Sciences degrees with honors will be awarded to students satisfying the following requirements.

1) Maintain a GPA of at least 3.50 in all departmental BIOS, CHEM, MATH, and PHYS course requirements;

2) Gain approval for admission into the program from the Department of Biological Sciences Honors adviser, as well as the faculty member under whom the student will engage in research;

3) Complete BIOS 370, Directed Research in Biology and 6 semester hours of BIOS 495, Directed Research Biology Honors, or BIOS 499, Directed Research University Honors under the faculty member's supervision;

4) Present and explain the results of the departmental honors project at either the departmental or university undergraduate research symposium; and,

5) Submit an approved senior thesis to the departmental honors adviser.

Note: Collectively, a maximum of 9 semester hours of credit in BIOS 370, BIOS 490, BIOS 495, and BIOS 499, including no more than 3 semester hours from BIOS 490, may be applied to the major.

The University Honors Program is separate but complementary to the departmental degree with honors. Eligible students may participate in one or both programs simultaneously since there is some overlap in the requirements. Students interested in the University Honors Program are encouraged to contact the University Honors office for more detailed information.

Chemistry and Biochemistry (CHEM)

The Department of Chemistry and Biochemistry offers a major leading to the B.S. degree with a choice of five different emphases, each of which requires courses in calculus, physics, and certain core courses in chemistry. Students who

intend to pursue advanced degrees in chemistry or biochemistry, or who are planning careers as professional chemists or biochemists, should select emphasis 1 or emphasis 2, respectively. With appropriate electives, either emphasis 1 or emphasis 2 will be appropriate for students interested in forensic science. Emphases 3 is designed to prepare students for a career in teaching at the senior high school level. Emphasis 4 is designed for students intending to use training in chemistry as a preparation for professional school. An honors program is available for outstanding students.

The department also offers a minor in chemistry as well as several courses which can be used by non-majors toward fulfilling the science area requirement in the university's general education program. A number of its courses are required for majors in other departments.

Chemistry Placement Examination Policy

Students planning to take CHEM 210 must take the Chemistry Placement Examination, so they may begin their study of chemistry at the appropriate level.

Chemistry and Biochemistry Faculty

Ralph Wheeler, Ph.D., Cornell University, professor, chair
Marc J. Adler, Ph.D., Duke University, adjunct professor
Gary M. Baker, Ph.D., Purdue University, professor emeritus
David S. Ballantine, Jr., Ph.D., University of Maryland, professor emeritus
Yingwen Cheng, Ph.D., Duke University, assistant professor
Robert F. Cunico, Ph.D. Purdue University, professor emeritus
James E. Erman, Ph.D., Massachusetts Institute of Technology, Distinguished Research Professor, professor emeritus
Elizabeth R. Gaillard, Ph.D., University of Texas, Distinguished Research Professor
Thomas M. Gilbert, Ph.D., University of California, Berkeley, associate professor
Timothy Hagen, Ph.D., University of Wisconsin-Milwaukee, associate professor
Oliver Hofstetter, Ph.D., University of Tübingen, associate professor
James Horn, Ph.D., University of Iowa, associate professor
Narayan S. Hosmane, Ph.D., Edinburgh
University, Distinguished Research Professor, Board of Trustees Professor
Dennis Kevill, Ph.D., University College, London, Distinguished Research Professor, professor emeritus
Douglas Klumpp, Ph.D., Iowa State University, Presidential Research, Scholarship and Artistry Professor
Tao Li, Ph.D., University of South Carolina, assistant professor
Chhiu-Tsu Lin, Ph.D., University of California, Los Angeles, Distinguished Teaching Professor, Distinguished Research Professor, Board of Trustees Professor, professor emeritus
W. Roy Mason, Ph.D., Emory University, professor emeritus
Evgueni Nesterov, Ph.D., Moscow State University, professor
Irina Nesterova, Ph.D., Moscow State University, assistant professor
Victor Ryzhov, Ph.D., Case Western Reserve University, professor
Lee Sunderlin, Ph.D., University of California, Berkeley, associate professor
Petr Vanýsek, Ph.D., Czechoslovak Academy of Sciences, professor emeritus
Tao Xu, Ph.D., University of Alabama, presidential research, scholarship and artistry professor
Chong Zheng, Ph.D., Cornell University, professor emeritus

Majors

Chemistry (B.S.)

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Emphasis 1. Chemistry

Certified by the Committee on Professional Training of the American Chemical Society.

Requirements in Department (43-44)

Please note corequisite information in courses below.

- CHEM 210 - General Chemistry I Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- AND CHEM 212 - General Chemistry Laboratory I Credits: 1
- CHEM 211 - General Chemistry II Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- AND CHEM 213 - General Chemistry Laboratory II Credits: 1
- CHEM 325 - Analytical Chemistry I Credits: 3
- CHEM 336 - Organic Chemistry I Credits: 3
- AND CHEM 338 - Organic Chemistry Laboratory I Credits: 1
- CHEM 337 - Organic Chemistry II Credits: 3
- AND CHEM 339 - Organic Chemistry Laboratory II Credits: 1
- CHEM 425 - Analytical Chemistry II Credits: 4
- CHEM 440 - Physical Chemistry I Credits: 3
- AND CHEM 442 - Physical Chemistry Laboratory I Credits: 1
  CHEM 442 is a writing infused course.
- CHEM 441 - Physical Chemistry II Credits: 3
- AND CHEM 443 - Physical Chemistry Laboratory II Credits: 1
  CHEM 443 is a writing infused course.

- CHEM 460 - Inorganic Chemistry of the Transition Metals Credits: 3
- CHEM 461 - Inorganic Chemistry Laboratory Credits: 1
- CHEM 470 - General Biological Chemistry Credits: 3
- CHEM 498 - Research Credits: 1-6
- OR CHEM 499 - Honors Research Credits: 1-6
  Students must take 2 credit hours in either CHEM 498 or CHEM 499.

Electives chosen with the advice of the chemistry faculty (3-4)

Electives chosen with the advice of the chemistry faculty from 400-level classes excluding 401, 403, 414, 416, 428, 494, and 496, or an appropriate advanced course in mathematics, statistics, or natural sciences (3-4).

Requirements outside Department (19-23)

- MATH 229 - Calculus I Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.
- AND MATH 230 - Calculus II Credits: 4
- MATH 232 - Calculus III Credits: 4
- OR MATH 336 - Ordinary Differential Equations Credits: 3
- PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
- AND PHYS 273 - Fundamentals of Physics II: Electromagnetism Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
  OR
- PHYS 210 - General Physics I Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
- AND PHYS 211 - General Physics II Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
- AND PHYS 252 - Intermediate General Physics Credits: 3

Recommendations

Students should meet with a departmental adviser to determine the appropriate electives for their program of study.

Students interested in forensic science are encouraged to take at least one of the following.

- BIOS 355 - Human Physiology Credits: 4
- BIOS 440 - Immunobiology Credits: 3
- BIOS 477 - Human Genetics Credits: 3
- CHEM 471 - Biological Chemistry Laboratory Credits: 3
  CHEM 471 is a writing infused course.
- STAT 200 - Elementary Statistics Credits: 4
- OR STAT 300 - Introduction to Probability and Statistics Credits: 3

TOTAL HOURS FOR A MAJOR IN CHEMISTRY, EMPHASIS 1, CHEMISTRY: 62-67

General Education Requirements (12-21)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-9)

Writing Requirement (0-6)
Oral Communication Requirement (0-3)
Quantitative Literacy Requirements (0)

- Satisfied by program requirement MATH 229

For additional information about these requirements, please visit Foundational Studies .

Knowledge Domain Requirements (12)

Creativity and Critical Analysis (6)

- Two 3-credit courses selected from approved general education list. Creativity and Creative Analysis Course List

Nature and Technology (0)

- CHEM 210 and CHEM 211, program requirements, fulfill the requirements for this knowledge domain.

Society and Culture (6)

- Two 3-credit courses selected from approved general education list. Society and Culture Course List

Knowledge Domain Elective (0)

- PHYS 253 or PHYS 210, one of which must be taken as a program requirement, fulfills the Domain elective requirement.

Graduation Requirements (0-3)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (0-3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities.Human Diversity Course List

Writing Infused Requirements (0)

- CHEM 442 AND CHEM 443, program requirements fulfilled the Writing Infused graduation requirements.

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS, EMPHASIS 1: 12-24

TOTAL HOURS FOR ELECTIVES, EMPHASIS 1: 29-46

TOTAL HOURS FOR A B.S. DEGREE IN CHEMISTRY, EMPHASIS 1: 120

Emphasis 2. Biochemistry

Certified by the Committee on Professional Training of the American Chemical Society.

Requirements in Department (42)

- CHEM 210 - General Chemistry I Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- AND CHEM 212 - General Chemistry Laboratory I Credits: 1
- CHEM 211 - General Chemistry II Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- AND CHEM 213 - General Chemistry Laboratory II Credits: 1
- CHEM 325 - Analytical Chemistry I Credits: 3
- CHEM 336 - Organic Chemistry I Credits: 3
- AND CHEM 338 - Organic Chemistry Laboratory I Credits: 1
- CHEM 337 - Organic Chemistry II Credits: 3
- AND CHEM 339 - Organic Chemistry Laboratory II Credits: 1
- CHEM 425 - Analytical Chemistry II Credits: 4
- CHEM 440 - Physical Chemistry I Credits: 3
- CHEM 442 - Physical Chemistry Laboratory I Credits: 1
  CHEM 442 is a writing infused course.
- CHEM 460 - Inorganic Chemistry of the Transition Metals Credits: 3
- CHEM 461 - Inorganic Chemistry Laboratory Credits: 1
- CHEM 471 - Biological Chemistry Laboratory Credits: 3
  CHEM 471 is a writing infused course.
- CHEM 472 - Biological Chemistry I Credits: 3
- CHEM 473 - Biological Chemistry II Credits: 3
- CHEM 498 - Research Credits: 1-6
- OR CHEM 499 - Honors Research Credits: 1-6
  Students must take 2 credit hours in either CHEM 498 or CHEM 499.

Requirements outside Department (27-30)

- BIOS 208 - Fundamentals of Cellular Biology Credits: 3
- AND BIOS 210 - Fundamentals of Cellular Biology Laboratory Credits: 1
- BIOS 209 - Fundamentals of Organismal Biology Credits: 3
- AND BIOS 211 - Fundamentals of Organismal Biology Laboratory Credits: 1
- BIOS 302 - Molecular Biology Credits: 3
- MATH 229 - Calculus I Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.
- AND MATH 230 - Calculus II Credits: 4
- PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
- AND PHYS 273 - Fundamentals of Physics II: Electromagnetism Credits: 4
  OR
- PHYS 210 - General Physics I Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
- AND PHYS 211 - General Physics II Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
- AND PHYS 252 - Intermediate General Physics Credits: 3

Recommendations

Students should meet with a departmental adviser to determine the appropriate electives for their program of study.

Graduate Studies

Students planning on pursuing graduate degrees in chemistry or biochemistry are strongly encouraged to take the following.

- CHEM 441 - Physical Chemistry II Credits: 3
- CHEM 443 - Physical Chemistry Laboratory II Credits: 1

CHEM 443 is a writing infused course.

Forensic Science

Students interested in forensic science are encouraged to take at least one of the following.

- BIOS 355 - Human Physiology Credits: 4
- BIOS 440 - Immunobiology Credits: 3
- BIOS 477 - Human Genetics Credits: 3
- STAT 200 - Elementary Statistics Credits: 4
- OR STAT 300 - Introduction to Probability and Statistics Credits: 3

TOTAL HOURS FOR A MAJOR IN CHEMISTRY, EMPHASIS 2, BIOCHEMISTRY: 69-72

General Education Requirements (12-21)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-9)

Writing Requirement (0-6)
Oral Communication Requirement (0-3)
Quantitative Literacy Requirements (0)

- Satisfied by program requirement MATH 229

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domain Requirements (12)

Creativity and Critical Analysis (6)

- Two 3-credit courses selected from approved general education list. Creativity and Creative Analysis Course List

Nature and Technology (0)

- CHEM 210 and CHEM 211, program requirements, fulfill the requirements for this domain.

Society and Culture (6)

- Two 3-credit courses selected from approved general education list. Society and Culture Course List

Knowledge Domain Elective (0)

- PHYS 253 or PHYS 210, one of which must be taken as a program requirement, fulfills the elective requirement.

Graduation Requirements (0-3)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (0-3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (0)

- Satisfied by program requirements CHEM 442 and CHEM 471.

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS, EMPHASIS 2: 12-24

TOTAL HOURS FOR ELECTIVES, EMPHASIS 2: 24-39

TOTAL HOURS FOR A B.S. DEGREE IN CHEMISTRY, EMPHASIS 2: 120

Emphasis 3. Secondary Teaching

Students seeking licensure should consult with the discipline coordinator as early as possible to make certain they meet licensure requirements as well as those set by the university for graduation.

Requirements in Department (40-46)

Please note corequisite information in courses below.

- CHEM 210 - General Chemistry I Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- AND CHEM 212 - General Chemistry Laboratory I Credits: 1
- CHEM 211 - General Chemistry II Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- AND CHEM 213 - General Chemistry Laboratory II Credits: 1
- CHEM 325 - Analytical Chemistry I Credits: 3
- CHEM 336 - Organic Chemistry I Credits: 3
- AND CHEM 338 - Organic Chemistry Laboratory I Credits: 1
- CHEM 337 - Organic Chemistry II Credits: 3

- AND CHEM 339 - Organic Chemistry Laboratory II Credits: 1
- CHEM 401 - Third Clinical High School/Middle School Experience in Chemistry Credits: 2
- CHEM 403X - The Nature of Scientific Inquiry Credits: 2
- CHEM 414X - Interdisciplinary Teaching of Science in Secondary and Middle Level Education Credits: 3
  CHEM 414X is a writing infused course.
- CHEM 416X - Methods in Teaching Physical Sciences Credits: 3
- CHEM 425 - Analytical Chemistry II Credits: 4
- OR CHEM 460 - Inorganic Chemistry of the Transition Metals Credits: 3
- OR CHEM 470 - General Biological Chemistry Credits: 3
- CHEM 440 - Physical Chemistry I Credits: 3
- CHEM 442 - Physical Chemistry Laboratory I Credits: 1
  CHEM 442 is a writing infused course.

Electives chosen from 400-level courses (4-9)

Requirements outside Department (27)

- EPS 406 - Issues in Human Development and Learning in the Middle School and High School Years Credits: 3
- ETT 402 - Teaching and Learning with Technology Credits: 3
- ILAS 201 - Introductory Clinical Experience Credits: 1
- ILAS 301 - Second Clinical Experience Credits: 1
- MATH 229 - Calculus I Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.
- AND MATH 230 - Calculus II Credits: 4
- PHYS 210 - General Physics I Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
- AND PHYS 211 - General Physics II Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
  OR
- PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
- AND PHYS 273 - Fundamentals of Physics II: Electromagnetism Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
- SESE 457 - Methods for Including Middle and Secondary Students with Exceptionalities in the General Education Classroom Credits: 3

TOTAL HOURS FOR A MAJOR IN CHEMISTRY, EMPHASIS 3, SECONDARY TEACHING: 67-73

General Education Requirements (12-21)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-9)

Writing Requirement (0-6)
Oral Communication Requirement (0-3)
Quantitative Literacy Requirements (0)

- Satisfied by program requirement MATH 229

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domain Requirements (12)

Creativity and Critical Analysis (6)

- Two 3-credit courses selected from approved general education list. Creativity and Creative Analysis Course List

Nature and Technology (0)

- CHEM 210 and CHEM 211, program requirements, fulfill the requirements for this domain.

Society and Culture (6)

- Two 3-credit courses selected from approved general education list. Society and Culture Course List

Knowledge Domain Elective (0)

- PHYS 253 or PHYS 210, one of which must be taken as a program requirement, fulfills the elective requirement.

Graduation Requirements (0-3)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (0-3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (0)

- Satisfied by program requirements CHEM 414X and CHEM 442.

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS, EMPHASIS 3: 12-24

TOTAL HOURS FOR ELECTIVES, EMPHASIS 3: 11-29

TOTAL HOURS FOR A B.S. DEGREE IN CHEMISTRY, EMPHASIS 3: 120

Emphasis 4. Chemistry for Pre-Professional Students

Successful completion of the course of study for emphasis 4 fulfills the requirements for a minor in biological sciences.

Requirements in Department (32-33)

- CHEM 210 - General Chemistry I Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- AND CHEM 212 - General Chemistry Laboratory I Credits: 1
- CHEM 211 - General Chemistry II Credits: 3
  Available for General Education credit in the Nature and Technology Domain.
- AND CHEM 213 - General Chemistry Laboratory II Credits: 1
- CHEM 325 - Analytical Chemistry I Credits: 3
- CHEM 336 - Organic Chemistry I Credits: 3
- AND CHEM 337 - Organic Chemistry II Credits: 3
- AND CHEM 338 - Organic Chemistry Laboratory I Credits: 1
- AND CHEM 339 - Organic Chemistry Laboratory II Credits: 1
- OR CHEM 330 - General Organic Chemistry I Credits: 3
- AND CHEM 331 - General Organic Chemistry II Credits: 3
- AND CHEM 332 - General Organic Laboratory I Credits: 1
- AND CHEM 333 - General Organic Laboratory II Credits: 1
- CHEM 440 - Physical Chemistry I Credits: 3
- CHEM 442 - Physical Chemistry Laboratory I Credits: 1
  CHEM 442 is a writing infused course.
- CHEM 470 - General Biological Chemistry Credits: 3 and electives chosen from 400-level courses excluding 401, 403, 414, 416, 428, 494, and 496 (6-7)
- OR CHEM 472 - Biological Chemistry I Credits: 3
- AND CHEM 473 - Biological Chemistry II Credits: 3 and electives chosen from 400-level courses excluding 401, 403, 414, 416, 428, 494, and 496 (3-4)

  No more than 3 semester hours of CHEM 498/CHEM 499 will be counted towards requirements in department.

Requirements outside Department (35)

Students seeking admission to professional schools should consult their adviser as early as possible to make certain they meet entrance requirements for their chosen field.

- BIOS 208 - Fundamentals of Cellular Biology Credits: 3
- AND BIOS 209 - Fundamentals of Organismal Biology Credits: 3
- BIOS 210 - Fundamentals of Cellular Biology Laboratory Credits: 1
- AND BIOS 211 - Fundamentals of Organismal Biology Laboratory Credits: 1
- BIOS 355 - Human Physiology Credits: 4
- MATH 229 - Calculus I Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.
- AND MATH 230 - Calculus II Credits: 4
- PHYS 210 - General Physics I Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
- AND PHYS 211 - General Physics II Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
  OR
- PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
- AND PHYS 273 - Fundamentals of Physics II: Electromagnetism Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
- Electives in biology at the 300-400 level (7)

TOTAL HOURS FOR A MAJOR IN CHEMISTRY, EMPHASIS 4, CHEMISTRY FOR PRE-PROFESSIONAL STUDENTS: 67-68

General Education Requirements (12-21)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-9)

Writing Requirement (0-6)
Oral Communication Requirement (0-3)
Quantitative Literacy Requirements (0)

- Satisfied by program requirement MATH 229

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domain Requirements (12)

Creativity and Critical Analysis (6)

- Two 3-credit courses selected from approved general education list. Creativity and Creative Analysis Course List

Nature and Technology (0)

- CHEM 210 and CHEM 211, program requirements, fulfill the requirements for this domain.

Society and Culture (6)

- Two 3-credit courses selected from approved general education list. Society and Culture Course List

Knowledge Domain Elective (0)

- PHYS 253 or PHYS 210, one of which must be taken as a program requirement, fulfills the elective requirement.

Graduation Requirements (3-6)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (0-3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (3)

- CHEM 442, a program requirement, satisfied one course requirement.
- One course from the approved Writing Infused course list. Writing Infused Course List

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS, EMPHASIS 4: 15-27

TOTAL HOURS FOR ELECTIVES, EMPHASIS 4: 25-38

TOTAL HOURS FOR A B.S. DEGREE IN CHEMISTRY, EMPHASIS 4: 120

Minor

Minor in Chemistry (19)

Check departmental information for any additional requirements.

Requirements (19)

A minimum of 6 hours of the electives must be completed at NIU.

No more than 3 credits of CHEM 498/499 may be applied toward the Minor in Chemistry.

- CHEM 210 - General Chemistry I Credits: 3
  CHEM 210 is available for general education credit.
- AND CHEM 212 - General Chemistry Laboratory I Credits: 1
  CHEM 212 is available for general education credit.
- CHEM 211 - General Chemistry II Credits: 3
  CHEM 211 is available for general education credit.
- AND CHEM 213 - General Chemistry Laboratory II Credits: 1
  CHEM 213 is available for general education credit.
- Electives from chemistry courses numbered CHEM 325 and above, excluding CHEM 370 (11)

Educator Licensure

Educator Licensure - Chemistry

Students interested in emphasis 3 should consult with the departmental certification adviser as soon as possible and also refer to the "Educator Licensure Requirements" section of this catalog.

Undergraduate chemistry majors must apply for admission to educator licensure in emphasis 3 at the end of the sophomore year.

Please note: Graduate students and students who already possess the baccalaureate or higher degree and wish to pursue licensure and/or endorsement with or without becoming a candidate for a degree, should apply for admission to the director of chemistry licensure as early as possible.

It is strongly recommended that students completing this emphasis obtain a secondary endorsement in at least one subject other than chemistry.

Admission Requirements

To be admitted to the licensure program, students in emphasis 3 must have

- established a file with the discipline director in the Department of Chemistry and Biochemistry and completed satisfactory reviews of progress each semester after establishment of the file,
- attained junior standing,
- completed at least 12 semester hours at NIU with a minimum GPA of 2.50,
- completed at least 6 semester hours of chemistry at NIU,
- earned a minimum GPA of 2.50 in all chemistry courses taken at NIU,
- completed 6 semester hours of written communication and 3 semester hours of oral communication with grades of C or better,
- completed at least 20 clock hours of approved early clinical experiences,
- submitted an application and obtained approval from the discipline coordinator in the Department of Chemistry and Biochemistry

Retention Requirements

Students admitted to the licensure program must

- maintain a GPA of 2.50 in all course work undertaken at NIU;
- maintain a minimum combined GPA of 2.70 in NIU courses numbered 200 and above in physical and biological sciences and mathematics;
- complete a satisfactory review of progress each semester with the discipline coordinator in the Department of Chemistry and Biochemistry;
- take and pass the ILTS Chemistry Content Test prior to applying to student teaching; and,
- take and pass the Teacher Performance Assessment (edTPA) before completion of the program.

General Requirements and Information

The program of courses for meeting licensure requirements must be approved by the discipline director in the Department of Chemistry and Biochemistry each semester prior to registration. Students are responsible for timely submission of all applications and permits required during the licensure program.

The State of Illinois has established course and standards-based requirements for licensure. Approved licensure programs must have requirements that meet or exceed the state requirements. A list of the current state minimum requirements is available from the Illinois State Board of Education's web page. The department's licensure program requirements are designed to prepare candidates both to meet state course requirements and to demonstrate that they meet state teaching standards.

At this time, state requirements include the possession of an appropriate baccalaureate degree from an accredited institution, a minimum of 32 semester hours in the field, pre-student teaching, clinical experiences at the 6-12 level or proof of teaching experience at the 6-12 level, student teaching or an approved teaching experience, passage of the Test of Academic Proficiency and secondary licensure subject matter examinations of the Illinois Licensure Testing System, passage of the edTPA, and demonstration that the candidate has met teaching standards for the chemistry teacher.

Contact the discipline director for information on the necessary criteria that experiences must meet to demonstrate fulfillment of licensure requirements.

Outlined below is the required course work as determined and approved by the licensure coordinators to meet state standards for the preparation of teachers, licensure requirements and student needs. CHEM 428, Student Teaching (Secondary) in Chemistry, is not a degree requirement, but is the standard way to complete state requirements for student teaching. It is strongly recommended that students completing requirements for the teaching license in chemistry also obtain an endorsement in at least one subject other than chemistry.

Please note: The following classes for educator licensures may change to reflect new state requirements.

- CHEM 401 - Third Clinical High School/Middle School Experience in Chemistry Credits: 2
- CHEM 403X - The Nature of Scientific Inquiry Credits: 2
- CHEM 414X - Interdisciplinary Teaching of Science in Secondary and Middle Level Education Credits: 3
  CHEM 414X is a writing infused course.
- CHEM 416X - Methods in Teaching Physical Sciences Credits: 3
  Must be taken concurrently with CHEM 401.
- CHEM 428 - Student Teaching (Secondary) in Chemistry Credits: 12
- EPS 406 - Issues in Human Development and Learning in the Middle School and High School Years Credits: 3
- ETT 402 - Teaching and Learning with Technology Credits: 3
- ILAS 201 - Introductory Clinical Experience Credits: 1
- ILAS 301 - Second Clinical Experience Credits: 1
- LTIC 420 - Methods and Materials for Teaching Multilingual Learners in the Content Areas Credits: 3
- SESE 457 - Methods for Including Middle and Secondary Students with Exceptionalities in the General Education Classroom Credits: 3

The Degree with Honors

Chemistry Degree with Honors

The B.S. degree with honors in chemistry will be awarded to students who have a minimum 3.20 overall GPA and a 3.20 GPA in all requirements, both in and outside the department, and who complete 13 semester hours of honors chemistry courses numbered CHEM 325 and above (not including CHEM 370). The honors chemistry course work must include CHEM 499 (2-4 credits) and the presentation of a capstone thesis.

Communication (COMS, JOUR)

The Department of Communication offers both a B.A. degree and a B.S. degree for majors in communication studies and in journalism. Students may pursue a double major in communication studies and journalism or a major in one area and a minor in the other. Further, communication studies majors can pursue a double emphasis (in emphases 1 and 2 or emphases 2 and 3 only).

In addition, the department offers courses of study leading to a minor in communication studies, which can be tailored to meet a variety of interests including a minor in journalism; a certificate in digital media production; and an interdisciplinary minor in professional communication which is offered jointly with the Department of English. Several of the department's courses can be used by non-majors toward fulfilling area requirements in the university's general education program.

Internship opportunities are available for academic credit and/or transcript recognition for both communication studies and journalism students in related areas such as advertising, sales, promotions, human resources, special events, public relations, writing/editing, creative/technical production, web design, graphic design, broadcasting, marketing, education, politics, newspaper/ management, photojournalism, film, consulting, training, and public speaking. Interested students should consult with the departmental director/coordinator of internships.

The Department of Communication participates in the interdisciplinary majors in nonprofit and NGO studies; environmental studies; industrial and systems engineering; and world languages and cultures.

Certain communication studies courses are also offered for the interdisciplinary minors in professional communication, global studies, LGBT studies, linguistics, and women's and gender studies. Certain journalism courses are also offered for the interdisciplinary minors in professional communication, black studies, global studies, and Southeast Asian studies.

Select communication studies and/or journalism courses can be counted toward certificates of undergraduate study in applied ethics; film and television studies; LGBT studies; and women's and gender studies.

In no case does the Department of Communication allow a course to count twice in any double major, double emphasis, or major-minor combination. Students who double major in Communication and Journalism must take JOUR 480 or COMS 455 or COMS 403. In no case will the COMS or JOUR law/ethics course count towards the same law/ethics block required for each major.

The GPA in the Communication Studies major is calculated by using all and only those Communication Studies and Journalism courses at NIU numbered 200 or higher, specifically excluding COMS 100. The GPA in the Communication Studies minor is calculated by using all and only those Communication Studies courses at NIU numbered 200 or higher, specifically excluding COMS 100.

Communication Studies and Journalism Faculty

Mehdi Semati, Ph.D., University of Missouri-Columbia, professor, Chair
Ferald J. Bryan, Ph.D., University of Missouri, associate professor
Gary Burns, Ph.D., Northwestern University, professor emeritus
Kate Cady, Ph.D., University of Iowa, associate professor
Randy Caspersen, M.F.A., Columbia College, associate professor
William Cassidy, Ph.D., University of Oregon, professor
Jeffrey P. Chown, Ph.D., University of Michigan, Distinguished Teaching Professor, Board of Trustees Professor, emeritus
David Gunkel, Ph.D., DePaul University, Distinguished Teaching Professor; Presidential Research, Scholarship and Artistry Professor
Andrea L. Guzman, Ph.D., University of Illinois at Chicago, associate professor
Janice D. Hamlet, Ph.D., Ohio State University, professor
David Henningsen, Ph.D., University of Wisconsin, professor
Mary Lynn Henningsen, Ph.D., University of Wisconsin, Presidential Teaching Professor
Richard Holt, Ph.D., University of Illinois, professor
Betty La France, Ph.D., Michigan State University, professor
Robert Miller, Ph.D., Northwestern University, associate professor emeritus
Karla Padrón, Ph.D., University of Minnesota, assistant professor
Joseph Scudder, Ph.D., Indiana University, Distinguished Teaching Professor
Kathleen S. Valde, Ph.D., University of Iowa, associate professor
Laura Vazquez, Ph.D., Northwestern University, Board of Trustees Professor
Karen Whedbee, Ph.D., University of Wisconsin, associate professor
Kerith Woodyard, Ph.D., University of Utah, associate professor
Shupei Yuan, Ph.D., Michigan State University, associate professor

Majors

Communication Studies (B.A. or B.S.)

Three emphases are available to students majoring in communication studies. The emphasis in advocacy and public communication is a broad-based program of study that allows students to take courses from across the field of communication. By becoming more articulate communicators and more alert critics of information and argument, students gain the leadership skills and knowledge essential in a variety of business and civic settings. The emphasis also provides a strong preparation for students who intend to pursue graduate and/or law school.

The emphasis in media studies combines courses in general communication with courses in mass communication theory, history, criticism, and production.

The emphasis in organizational/corporate communication combines a common core of courses in communication with courses which examine communication systems, training and consulting, advertising, as well as corporate advocacy in business, community, and governmental organizations.

Under no circumstances will the Department of Communication accept more than 18 semester hours of transfer credit for application to the major in communication studies at NIU. Students who double major in Communication and Journalism must take JOUR 480 or COMS 455 or COMS 403. In no case will the COMS or JOUR law/ethics course count towards the same law/ethics block required for each major.

The GPA in the Communication Studies major is calculated by using all and only those Communication Studies and Journalism courses at NIU numbered 200 or higher, specifically excluding COMS 100.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Emphasis 1. Advocacy and Public Communication

Requirements in Department (33-35)

- COMS 200 - Advanced Public Speaking Credits: 3
- OR COMS 220 - Rhetoric and Public Issues Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- OR COMS 230 - Rhetoric and the Media Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- OR COMS 260 - Social Media Communication Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- OR COMS 300 - Speech Writing Credits: 3
- OR COMS 309 - Performance in Speech Communication Credits: 3
- OR COMS 355 - Media Writing Credits: 3
  COMS 355 is a writing infused course.
- OR COMS 361 - Business and Professional Communication Credits: 3
- OR JOUR 260X - Social Media Communication Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- COMS 252 - Introduction to Communication Studies Credits: 3
- COMS 305 - Argumentation and Debate Credits: 3
  COMS 305 is a writing infused course.
- OR COMS 310 - Advocacy and Critical Thinking Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- COMS 400 - Rhetorical Theory Credits: 3
- OR COMS 401 - Criticism of Public Rhetoric Credits: 3
  COMS 401 is a writing infused course.
- OR COMS 403 - Freedom of Speech and Communication Ethics Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- OR COMS 419 - Political Communication in America Credits: 3
  COMS 419 is a writing infused course.
- OR COMS 496R - Special Topics in Rhetoric Credits: 3

Seven of the following (21-23)

Of these 21-23 semester hours, at least 12 must be at the 300- or 400-level.

- COMS 200 - Advanced Public Speaking Credits: 3
  If not used to fulfill requirement above.
- COMS 201 - Group Discussion Skills Credits: 3
- COMS 203 - Interpersonal Communication Skills Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- COMS 220 - Rhetoric and Public Issues Credits: 3
  If not used to fulfill requirement above.
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- COMS 230 - Rhetoric and the Media Credits: 3
  If not used to fulfill requirement above.

Available for General Education credit in the Creativity and Critical Analysis Domain.

- COMS 260 - Social Media Communication Credits: 3
  If not used to fulfill requirement above.
  Available for General Education credit in the Society and Culture Domain.
- OR JOUR 260X - Social Media Communication Credits: 3
  If not used to fulfill requirement above.
  Available for General Education credit in the Society and Culture Domain.
- COMS 291 - Methods of Research in Communication Credits: 3
- COMS 300 - Speech Writing Credits: 3
  If not used to fulfill requirement above.
- COMS 302 - Organizational Communication Credits: 3
- COMS 303 - Interpersonal Communication Credits: 3
- COMS 304 - Persuasion Credits: 3
- COMS 309 - Performance in Speech Communication Credits: 3
  If not used to fulfill requirement above.
- COMS 355 - Media Writing Credits: 3
  If not used to fulfill requirement above.
  COMS 355 is a writing infused course.
- COMS 356 - Critical Interpretation of Film/Television Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- COMS 357 - Introduction to Studio Production Credits: 4
- COMS 359 - Interactive Media Production I Credits: 4
- COMS 361 - Business and Professional Communication Credits: 3
  If not used to fulfill requirement above.
- COMS 362 - Intercultural Communication Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  COMS 362 fulfills the Human Diversity Requirement.
- COMS 370 - Principles of Advertising Credits: 3
- COMS 380 - Corporate Advocacy and Issue Management Credits: 3
- COMS 400 - Rhetorical Theory Credits: 3
  If not used to fulfill requirement above.
- COMS 401 - Criticism of Public Rhetoric Credits: 3
  If not used to fulfill requirement above.
  COMS 401 is a writing infused course.
- COMS 402 - Group Communication Credits: 3
- COMS 403 - Freedom of Speech and Communication Ethics Credits: 3
  If not used to fulfill requirement above.
  Available for General Education credit in the Society and Culture Domain.
- COMS 404 - Communication Theories Credits: 3
- COMS 405 - Relational Communication Credits: 3
- COMS 410 - Communication and Gender Credits: 3
  Available for General Education credit in the Society and Culture Domain.
  COMS 410 fulfills the Human Diversity Requirement.
- COMS 419 - Political Communication in America Credits: 3
  If not used to fulfill requirement above.
  COMS 419 is a writing infused course.
- COMS 455 - Media Law and Ethics Credits: 3
- COMS 460 - Television Theory and Criticism Credits: 3
- COMS 464 - Organizational Communication Strategies Credits: 3
- COMS 462 - Film Theory and Criticism Credits: 3
- COMS 465 - Computer-Mediated Communication Credits: 3
- COMS 470 - Campaign Strategies and Development Credits: 3
- COMS 476 - Topics in Communication Theory Credits: 3
- COMS 480 - Communication and Conflict Management Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- COMS 481 - Communication Ethics in Organizations Credits: 3
- COMS 492 - Special Topics in Media Production Credits: 3
- COMS 493 - Special Topics in Media Studies Credits: 3
- COMS 496R - Special Topics in Rhetoric Credits: 3
  If not used to fulfill requirement above.
- COMS 497 - Internship Credits: 3
  Students must take 3 credit hours in this course.
- COMS 498A - Independent Study Credits: 3
- COMS 498B - Media Production Independent Study Credits: 3
- JOUR 200 - Basic News Writing Credits: 3
- JOUR 210 - Information Gathering in the Digital Age Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- JOUR 312 - Graphics of Communications Credits: 3
- JOUR 335 - Principles of Public Relations Credits: 3
- JOUR 360 - Public Relations Writing Credits: 3
  JOUR 360 is a writing infused course.
- JOUR 401 - Editorial and Opinion Writing Credits: 3
  JOUR 401 is a writing infused course.
- JOUR 435 - Advanced Public Relations Credits: 3
- JOUR 480 - Journalism Law and Regulation Credits: 3
- JOUR 483 - Mass Media in Modern Society Credits: 3

Requirements outside Department (B.A., 0-12; B.S., 12-17)

For the B.A. degree

Fulfillment of B.A. foreign language requirement (0-12)
See "Foreign Language Requirement for the B.A. Degree" in the Other Graduation Requirements section of this catalog.

For the B.S. degree

Mathematics/laboratory science sequence (12-17)
See "College Requirement for the B.S. Degree" in the Other Graduation Requirements section of this catalog.

TOTAL HOURS FOR A MAJOR IN COMMUNICATION STUDIES, EMPHASIS 1, ADVOCACY AND PUBLIC COMMUNICATION: 33-47 (B.A.) OR 45-52 (B.S.)

General Education Requirements (9-33)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-12)

Writing Requirement (0-6)
Oral Communication Requirement (0-3)
Quantitative Literacy Requirements (0-3)

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domain Requirements (9-21)

Creativity and Critical Analysis (0-6)

- Two 3-credit courses selected from approved general education list. Creativity and Creative Analysis Course List
- Emphasis 1 program electives, COMS 203, COMS 220, COMS 230, COMS 310, COMS 356, and COMS 480 are all general education courses under this domain.

Nature and Technology (6)

- Two 3-credit courses selected from approved general education list. Nature and Technology Course List

Society and Culture (0-6)

- Two 3-credit courses selected from approved general education list. Society and Culture Course List
- Emphasis 1 program electives, COMS 403, COMS 362, and COMS 410 are all general education courses under this domain.

Knowledge Domain Elective (3)

- One additional 3-credit course from any Knowledge Domain.

Graduation Requirements (0-9)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (0-3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List
- Emphasis 1 program electives, COMS 362 and COMS 410 are Human Diversity courses.

Writing Infused Requirements (0-6)

- Two courses from the approved Writing Infused course list. Writing Infused Course List
- Emphasis 1 program electives, COMS 305, COMS 355, COMS 401, COMS 419, JOUR 360, and JOUR 401 are all Writing Infused courses.

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS, EMPHASIS 1: 9-42

TOTAL HOURS FOR ELECTIVES, EMPHASIS 1: 31-78 (B.A.) OR 26-66 (B.S.)

TOTAL HOURS FOR A B.A. or B.S. IN COMMUNICATION STUDIES, EMPHASIS 1: 120

Emphasis 2. Media Studies

Requirements in Department (35-40)

- COMS 251 - Introduction to Media Studies Credits: 3
- COMS 355 - Media Writing Credits: 3
  COMS 355 is a writing infused course.
- COMS 356 - Critical Interpretation of Film/Television Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- COMS 357 - Introduction to Studio Production Credits: 4
- OR COMS 349 - Introduction to Digital Audio Production Credits: 4
- OR COMS 358 - Introduction to Field Production Credits: 4
- OR COMS 359 - Interactive Media Production I Credits: 4
- COMS 407 - Practicum Credits: 1-3
  Students must take 1 credit hour in this course
- COMS 455 - Media Law and Ethics Credits: 3
- OR COMS 403 - Freedom of Speech and Communication Ethics Credits: 3

Available for General Education credit in the Society and Culture Domain.

- OR COMS 465 - Computer-Mediated Communication Credits: 3
- OR JOUR 480 - Journalism Law and Regulation Credits: 3

Five courses from the following (15-20)

Of these 15-20 semester hours, no more than 9 may be at the 300 level. Profiles of suggested programs of study are available for students interested in critical analysis of media and media cultures, media writing and production, the strategic use of mass media and social media in advocacy campaigns, or digital media development for organization communications.

- COMS 309 - Performance in Speech Communication Credits: 3
- COMS 349 - Introduction to Digital Audio Production Credits: 4
  If not used to fulfill requirement above.
- COMS 357 - Introduction to Studio Production Credits: 4
  If not used to fulfill requirement above.
- COMS 358 - Introduction to Field Production Credits: 4
  If not used to fulfill requirement above.
- COMS 359 - Interactive Media Production I Credits: 4
  If not used to fulfill requirement above.
- COMS 370 - Principles of Advertising Credits: 3
- COMS 380 - Corporate Advocacy and Issue Management Credits: 3
- COMS 390 - Major Directors Credits: 3
- COMS 392 - Special Topics in Media Production Credits: 3
- COMS 403 - Freedom of Speech and Communication Ethics Credits: 3
  Available for general education credit in the Society and Culture Domain.
- COMS 419 - Political Communication in America Credits: 3
  COMS 419 is a writing infused course.
- COMS 426 - Advanced Documentary Field Production Credits: 4
- COMS 427 - Advanced Narrative Field Production Credits: 4
- COMS 436 - Advanced Post Production Credits: 3
- COMS 446 - Designing for the Internet Credits: 3
- COMS 449 - Advanced Audio Production Credits: 3
- COMS 454 - Transnational Communication and Media Credits: 3
- COMS 455 - Media Law and Ethics Credits: 3
- COMS 456 - History of Film Before 1950 Credits: 3
- COMS 457 - The Documentary Tradition Credits: 3
- COMS 458 - History of Film After 1950 Credits: 3
- COMS 459 - History of Broadcasting Credits: 3
- COMS 460 - Television Theory and Criticism Credits: 3
- COMS 462 - Film Theory and Criticism Credits: 3
- COMS 463 - Advanced Studio Production Credits: 3
- COMS 465 - Computer-Mediated Communication Credits: 3
- COMS 466 - Narrative Scriptwriting Credits: 3
  COMS 466 is a writing infused course.
- COMS 469 - Interactive Media Production II Credits: 4
- COMS 470 - Campaign Strategies and Development Credits: 3
- COMS 475 - Film Festival Administration Credits: 3
- COMS 492 - Special Topics in Media Production Credits: 3
- COMS 493 - Special Topics in Media Studies Credits: 3
- COMS 497 - Internship Credits: 3
- COMS 498A - Independent Study Credits: 3
- COMS 498B - Media Production Independent Study Credits: 3

Elective from COMS or JOUR course numbered 200 and above (3)

Requirements outside Department (B.A., 0-12; B.S., 12-17)

For the B.A. degree

Fulfillment of B.A. foreign language requirement (0-12)
See "Foreign Language Requirement for the B.A. Degree" in the Other Graduation Requirements section of this catalog.

For the B.S. degree

Mathematics/laboratory science sequence (12-17)
See "College Requirement for the B.S. Degree" in the Other Graduation Requirements section of this catalog.

TOTAL HOURS FOR A MAJOR IN COMMUNICATION STUDIES, EMPHASIS 2, MEDIA STUDIES: 35-52 (B.A.) OR 47-57 (B.S.)

General Education Requirements (15-33)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-12)

Writing Requirement (0-6)
Oral Communication Requirement (0-3)
Quantitative Literacy Requirements (0-3)

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domain Requirements (15-18)

Creativity and Critical Analysis (3)

- One 3-credit course selected from approved general education list. Creativity and Creative Analysis Course List
- COMS 356, a program requirement, fulfills one 3-credit course in this domain.

Nature and Technology (6)

- Two 3-credit courses selected from approved general education list. Nature and Technology Course List

Society and Culture (3-6)

- Two 3-credit courses selected from approved general education list. Society and Culture Course List
- COMS 403, a program elective, is a general education course under this domain.

Knowledge Domain Elective (3)

- One additional 3-credit course from any Knowledge Domain.

Graduation Requirements (3-6)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (0-3)

- COMS 355, a program requirement, fulfills one Writing Infused course requirement.
- One course from the approved Writing Infused course list. Emphasis 2 program electives, COMS 419 and COMS 466, are Writing Infused courses. Writing Infused Course List

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS, EMPHASIS 2: 18-39

TOTAL HOURS FOR ELECTIVES, EMPHASIS 2: 29-67 (B.A.) or 24-55 (B.S.)

TOTAL HOURS FOR A B.A. or B.S. IN COMMUNICATION STUDIES, EMPHASIS 2: 120

Emphasis 3. Organizational/Corporate Communication

Requirements in Department (33)

- COMS 252 - Introduction to Communication Studies Credits: 3
- OR COMS 291 - Methods of Research in Communication Credits: 3
- COMS 302 - Organizational Communication Credits: 3
- COMS 303 - Interpersonal Communication Credits: 3
- OR COMS 304 - Persuasion Credits: 3

Four of the following (12)

- COMS 361 - Business and Professional Communication Credits: 3
- COMS 370 - Principles of Advertising Credits: 3
- COMS 380 - Corporate Advocacy and Issue Management Credits: 3
- COMS 402 - Group Communication Credits: 3
- COMS 404 - Communication Theories Credits: 3
- COMS 405 - Relational Communication Credits: 3
- COMS 407 - Practicum Credits: 1-3
  Students must take 1 credit hour in this course.
- COMS 408 - Topics in Communication Engagement Credits: 3
- COMS 420 - Topics in Interpersonal Communication and Personal Relationships Credits: 3
- COMS 461 - Organizational Dynamics Credits: 3
- COMS 464 - Organizational Communication Strategies Credits: 3
- COMS 476 - Topics in Communication Theory Credits: 3
- COMS 480 - Communication and Conflict Management Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- COMS 481 - Communication Ethics in Organizations Credits: 3
- COMS 485 - Topics in Organizational Communication Credits: 3
- COMS 496 - Topics in Persuasion and Social Influence Credits: 3
- COMS 497 - Internship Credits: 3

Electives from COMS or JOUR courses numbered 300 and above (6)
Electives from COMS or JOUR courses numbered 400 and above (6)

Requirements outside Department (B.A., 0-12; B.S., 12-17)

For the B.A. degree
Fulfillment of B.A. foreign language requirement (0-12)
(See "Foreign Language Requirement for the B.A. Degree.")

For the B.S. degree
Mathematics/laboratory science sequence (12-17)
See "College Requirement for the B.S. Degree" in the Other Graduation Requirements section of this catalog.

TOTAL HOURS FOR A MAJOR IN COMMUNICATION STUDIES, EMPHASIS 3, ORGANIZATIONAL/ CORPORATE COMMUNICATION: 34-45 (B.A.) or 45-50 (B.S.)

General Education Requirements (18-33)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-12)

Writing Requirement (0-6)
Oral Communication Requirement (0-3)
Quantitative Literacy Requirements (0-3)

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domain Requirements (18-21)

Creativity and Critical Analysis (3-6)

- Two 3-credit courses selected from approved general education list. Creativity and Creative Analysis Course List
- COMS 480, a program elective, is a general education course under this domain.

Nature and Technology (6)

- Two 3-credit courses selected from approved general education list. Nature and Technology Course List

Society and Culture (6)

- Two 3-credit courses selected from approved general education list. Society and Culture Course List

Knowledge Domain Elective (3)

- One additional 3-credit course from any Knowledge Domain.

Graduation Requirements (9)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (6)

- Two courses from the approved Writing Infused course list. Writing Infused Course List

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS, EMPHASIS 3: 27-42

TOTAL HOURS FOR ELECTIVES, EMPHASIS 3: 33-59 (B.A.) or 28-48 (B.S.)

TOTAL HOURS FOR A B.A. or B.S. IN COMMUNICATION STUDIES, EMPHASIS 3: 120

Journalism (B.A. or B.S.)

The non-journalism requirements comply with standards of the Accrediting Council on Education in Journalism and Mass Communications. To reflect the move towards convergence in the journalism professions, as well as the types of skills news media professionals value most, the journalism program offers students the opportunity to gain experience working in specific media (such as print journalism, broadcast journalism, and digital photography) and encourages them to develop expertise in more than one area of the field. The curriculum also emphasizes ethics, critical thinking skills, and the important role journalists play in society. Students who double major in Communication and Journalism must take JOUR 480 or either COMS 455 or COMS 403. In no case will the COMS or JOUR law/ethics course count towards the same law/ethics block required for each major.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Requirements in Department (36-37)

Required courses (6)

- JOUR 200 - Basic News Writing Credits: 3
- JOUR 480 - Journalism Law and Regulation Credits: 3
- OR COMS 455 - Media Law and Ethics Credits: 3

Constructing Media Narratives: Choose 5 of the following (15-16):

- JOUR 301 - Article Writing Credits: 3
  JOUR 301 is a writing infused course.
- JOUR 302 - News Reporting Credits: 3
  JOUR 302 is a writing infused course.
- JOUR 312 - Graphics of Communications Credits: 3
- JOUR 315 - Press Photography Credits: 3
- JOUR 353 - Sports Journalism Credits: 3
  JOUR 353 is a writing infused course.
- JOUR 354 - Fundamentals of Broadcast News Credits: 3
  JOUR 354 is a writing infused course.
- JOUR 356 - Electronic News Gathering and Editing Credits: 4
- JOUR 357 - Television Newscast Production/Anchoring Credits: 3
- JOUR 360 - Public Relations Writing Credits: 3
  JOUR 360 is a writing infused course.
- JOUR 364 - Television News Producing and Directing Credits: 3
- JOUR 401 - Editorial and Opinion Writing Credits: 3
  JOUR 401 is a writing infused course.
- JOUR 402 - Advanced Reporting Credits: 3
- JOUR 415 - Advanced Photojournalism Credits: 3
- JOUR 435 - Advanced Public Relations Credits: 3
- JOUR 460 - Specialized Press Writing Credits: 3
  JOUR 460 is a writing infused course.
- JOUR 461 - Specialized Press Editing Credits: 3
- JOUR 464 - Content for Emerging Media Credits: 3
  JOUR 464 is a writing infused course.
- JOUR 485A - Topics in Journalism Writing Credits: 3
- JOUR 492 - Internship in Journalism Credits: 3

News in Society: Choose 5 of the following (15):

- JOUR 201 - Issues in Journalism Credits: 3
- JOUR 210 - Information Gathering in the Digital Age Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- JOUR 260X - Social Media Communication Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- OR COMS 260 - Social Media Communication Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- JOUR 295 - Reading News Critically Credits: 3
  JOUR 295 also fulfills the Human Diversity Requirement.
- JOUR 335 - Principles of Public Relations Credits: 3
- JOUR 350 - Environment, Health, and the Media Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- JOUR 407 - Media and Technology Credits: 3
- JOUR 410 - News Editing Credits: 3
- JOUR 436 - Public Relations Problems Credits: 3
- JOUR 449 - Media Management Credits: 3
- JOUR 481 - History of Journalism Credits: 3
- JOUR 482 - International News Communications Credits: 3
- JOUR 483 - Mass Media in Modern Society Credits: 3
- JOUR 485B - Topics in Journalism and Society Credits: 3
- JOUR 486 - Journalism Ethics Credits: 3
- JOUR 487 - News and Entertainment Credits: 3
- JOUR 490 - Ethnic Minorities and the News Media Credits: 3

Requirements outside Department (B.A., 0-12; B.S., 12-17)

For the B.A. degree

Fulfillment of B.A. foreign language requirement (0-12)
See "Foreign Language Requirement for the B.A. Degree" in the Other Graduation Requirements section of this catalog.

For the B.S. degree

Mathematics/laboratory science sequence (12-17)
See "College Requirement for the B.S. Degree" in the Other Graduation Requirements section of this catalog.

Special Requirements

At least 80 semester hours of the total hours required for the baccalaureate degree must be taken in subjects other than journalism, with at least 65 of those hours in the liberal arts. The department currently considers liberal arts courses to be most of the courses offered in the College of Liberal Arts and Sciences and courses in art history and appreciation, music history and literature, and theater history and criticism. Students considering courses in communication studies or computer science should consult a department adviser to determine whether the courses can be included in the liberal arts category.

Students must also fulfill the requirements of a minor or a second major, which must be selected in consultation with a department adviser. Since disciplinary academic standards limit the number of professional courses that journalism majors may take, students thinking of including major or minor work in communication studies (with courses, for example, in media studies or organizational/ corporate communication) are particularly urged to see a department adviser before proceeding.

Journalism majors must earn a grade of C or S or better in all required journalism courses. Journalism prerequisites are deemed to be met only by obtaining a grade of C or S or better. It is necessary to repeat a journalism course in which a grade below C or S is earned before taking any course for which it is a prerequisite.

A student's program of courses must be designed in consultation with, and periodically reviewed by, a department adviser.

Recommendations

Students interested in international affairs are advised to develop a high degree of competence in one or more foreign languages, to become familiar with political systems other than that found in the United States, to take JOUR 482, International News Communications, and to enroll in the interdisciplinary global studies minor. Students interested in ethnic studies are advised to take JOUR 490, Ethnic Minorities and the News Media, and to enroll in a minor such as black studies, Latino/Latin American studies, or Southeast Asian studies.

The following courses are recommended for all journalism majors and students are advised to include at least four of them among their elective courses.

- ECON 261 - Principles of Macroeconomics Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- MKTG 295 - Principles of Marketing Credits: 3
- POLS 303 - State and Local Government Credits: 3
- POLS 305 - Political Parties and Elections Credits: 3
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- SOCI 170 - Introduction to Sociology Credits: 3
  SOCI 170 also fulfills the Human Diversity Requirement. Available for General Education credit in the Society and Culture Domain.

TOTAL HOURS FOR A MAJOR IN JOURNALISM: 36-49 (B.A.) OR 48-54 (B.S.)

General Education Requirements (12-33)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-12)

Writing Requirement (0-6)
Oral Communication Requirement (0-3)
Quantitative Literacy Requirements (0-3)

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domain Requirements (12-21)

Creativity and Critical Analysis (3-6)

- Two 3-credit courses selected from approved general education list. Creativity and Creative Analysis Course List
- JOUR 350, a program elective, is a general education course under this domain.

Nature and Technology (6)

- Two 3-credit courses selected from approved general education list. Nature and Technology Course List

Society and Culture (0-6)

- Two 3-credit courses selected from approved general education list. Society and Culture Course List
- Program elective recommendations, ECON 261, PSYC 102, and SOCI 170 are all general education courses under this domain.

Knowledge Domain Elective (3)

- One additional 3-credit course from any Knowledge Domain.

Graduation Requirements (3-9)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (0-6)

- Two courses from the approved Writing Infused course list. Writing Infused Course List
- Program electives JOUR 301, JOUR 360, JOUR 401, and JOUR 460 are all Writing Infused courses.

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS: 15-42

TOTAL HOURS FOR ELECTIVES: 29-69 (B.A.) OR 24-57 (B.S.)

TOTAL HOURS FOR A B.A. or B.S. IN JOURNALISM: 120

Minor

Minor in Communication Studies (18)

No more than 6 hours of transfer credit will be accepted for credit toward the minor in communication studies at NIU.

Check departmental information for any additional requirements.

Requirements for Minor

Students may pursue a minor in the field of communication studies by successfully completing 18 semester hours from the department's communication studies course offerings numbered 200 or above; these hours may include a maximum of 6 hours of 200-level courses.

The GPA in the Communication Studies minor is calculated by using all and only those Communication Studies courses at NIU numbered 200 or higher, specifically excluding COMS 100.

Because of the wide range of fields that are appropriate as areas of study, including advocacy and public communication, media studies, and organizational/corporate communication, students are encouraged to secure information about these areas from the department.

Twelve or more semester hours in this option for the minor in communication studies must be taken at NIU.

Minor in Journalism (21-22)

Journalism minors must earn a grade of C or S or better in all required journalism courses in their minor. Journalism prerequisites are deemed to be met only by obtaining a grade of C or S or better. (It is necessary to repeat a journalism course in which a grade below C or S is earned, before taking any course for which it is a prerequisite.)

Six or more semester hours in the minor must be taken at NIU.

Check departmental information for any additional requirements.

Required courses (6)

- JOUR 200 - Basic News Writing Credits: 3
- JOUR 480 - Journalism Law and Regulation Credits: 3
- OR COMS 455 - Media Law and Ethics Credits: 3
- OR elective from JOUR courses in News in Society choice block numbered 400 and above for students who are required to take JOUR 480 or COMS 455 as part of their major course work (3)

News Writing: Choose one of the following (3)

- JOUR 301 - Article Writing Credits: 3
  JOUR 301 is a writing infused course.
- JOUR 302 - News Reporting Credits: 3
  JOUR 302 is a writing infused course.
- JOUR 360 - Public Relations Writing Credits: 3
  JOUR 360 is a writing infused course.
- JOUR 401 - Editorial and Opinion Writing Credits: 3
  JOUR 401 is a writing infused course.
- JOUR 485A - Topics in Journalism Writing Credits: 3

Constructing Media Narratives: Choose one of the following (3)

- JOUR 312 - Graphics of Communications Credits: 3
- JOUR 315 - Press Photography Credits: 3
- JOUR 353 - Sports Journalism Credits: 3
  JOUR 353 is a writing infused course.
- JOUR 354 - Fundamentals of Broadcast News Credits: 3
  JOUR 354 is a writing infused course.
- JOUR 356 - Electronic News Gathering and Editing Credits: 4
- JOUR 357 - Television Newscast Production/Anchoring Credits: 3
- JOUR 364 - Television News Producing and Directing Credits: 3
- JOUR 402 - Advanced Reporting Credits: 3
- JOUR 415 - Advanced Photojournalism Credits: 3
- JOUR 435 - Advanced Public Relations Credits: 3
- JOUR 460 - Specialized Press Writing Credits: 3
  JOUR 460 is a writing infused course.
- JOUR 461 - Specialized Press Editing Credits: 3
- JOUR 464 - Content for Emerging Media Credits: 3
  JOUR 464 is a writing infused course.
- JOUR 492 - Internship in Journalism Credits: 3

News in Society: Choose one of the following (3)

- JOUR 201 - Issues in Journalism Credits: 3
- JOUR 210 - Information Gathering in the Digital Age Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
- JOUR 260X - Social Media Communication Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- OR COMS 260 - Social Media Communication Credits: 3
  Available for General Education credit in the Society and Culture Domain.
- JOUR 295 - Reading News Critically Credits: 3
  JOUR 295 also fulfills the Human Diversity Requirement.
- JOUR 335 - Principles of Public Relations Credits: 3
- JOUR 350 - Environment, Health, and the Media Credits: 3
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Health and Wellness Pathway.
- JOUR 407 - Media and Technology Credits: 3
- JOUR 410 - News Editing Credits: 3
- JOUR 436 - Public Relations Problems Credits: 3
- JOUR 449 - Media Management Credits: 3
- JOUR 481 - History of Journalism Credits: 3
- JOUR 482 - International News Communications Credits: 3
- JOUR 483 - Mass Media in Modern Society Credits: 3
- JOUR 485A - Topics in Journalism Writing Credits: 3
- JOUR 486 - Journalism Ethics Credits: 3
- JOUR 487 - News and Entertainment Credits: 3
- JOUR 490 - Ethnic Minorities and the News Media Credits: 3

Two electives from JOUR courses listed above (6-7)

Certificate of Undergraduate Study

Digital Media Production (14)

This certificate is designed to provide pre-professional study in digital media production including narrative, documentary, television, and interactive media production arts. It is open to all NIU undergraduates. Students must maintain good academic standing in the university, achieve a minimum grade of C in each certificate course, achieve a GPA of at least 2.00 in all certificate courses, and complete all certificate course work within six calendar years. Some courses may have prerequisites that are not part of the certificate curriculum. All course requirements for the certificate must be completed at NIU. With department approval, some or all of the certificate courses may be applied toward undergraduate degree requirements in the department. The Department of Communication reserves the right to limit enrollment in any of the certificate courses.

Requirements (14)

Two of the following

- COMS 349 - Introduction to Digital Audio Production Credits: 4
- COMS 357 - Introduction to Studio Production Credits: 4
- COMS 358 - Introduction to Field Production Credits: 4
- COMS 359 - Interactive Media Production I Credits: 4
- COMS 392 - Special Topics in Media Production Credits: 3

Course work from the following, with consent of production faculty adviser, as needed to complete a minimum of 14 credit hours.

- COMS 426 - Advanced Documentary Field Production Credits: 4
- COMS 427 - Advanced Narrative Field Production Credits: 4
- COMS 436 - Advanced Post Production Credits: 3
- COMS 463 - Advanced Studio Production Credits: 3
- COMS 466 - Narrative Scriptwriting Credits: 3
  COMS 466 is a writing infused course.
- COMS 469 - Interactive Media Production II Credits: 4
- COMS 492 - Special Topics in Media Production Credits: 3
- COMS 498B - Media Production Independent Study Credits: 3

The Degree with Honors

Communication Studies Degree with Honors

The degree with honors will be awarded to majors who have a cumulative GPA of at least 3.30 and a 3.50 GPA or above in communication studies and have, in their senior year, successfully completed 7 semester hours of communication studies departmental honors work culminating in an approved senior thesis. The 7 semester hours of departmental honors work shall consist of a capstone-designated course and COMS 498 taken over two semesters of the senior year, and COMS 495AB.

Details concerning application for a degree with honors in communication studies can be obtained from the department's undergraduate studies director.

The University Honors Program is separate but complementary to the departmental degree with honors. Eligible students may participate in one or both programs simultaneously since there is some overlap in the requirements. Students interested in the University Honors Program are encouraged to contact the University Honors office for more detailed information.

Journalism Degree with Honors

The degrees B.A. and B.S. with honors in journalism will be awarded to students who complete all degree and major requirements and who also complete JOUR 496, Honors Capstone Project, with a grade of at least B. Students are eligible to register for JOUR 496 if they have at least 90 semester hours of credit, a minimum GPA of 3.25 in all work, a minimum GPA in journalism courses of 3.25, and the consent of the department.

The University Honors Program is separate but complementary to the departmental degree with honors. Eligible students may participate in one or both programs simultaneously since there is some overlap in the requirements. Students interested in the University Honors Program are encouraged to contact the University Honors office for more detailed information.

Computer Science (CSCI)

Admission to the major in the Department of Computer Science is limited. See "Limited Admissions and Limited Retention Requirements" in this catalog.

The Department of Computer Science offers a program leading to the B.S. degree with a major in computer science. A student must choose an emphasis in software development, enterprise software, or computational software.

Students who intend to major or minor in computer science are requested to contact the departmental office during the early weeks of their first semester on campus to obtain additional information on admission to the computer science major or minor.

The department offers a course (CSCI 205) which partially fulfills the university's sciences requirement in the general education program and courses which count toward the College of Liberal Arts and Sciences' requirements for the B.S. degree.

Department Regulations

Students may not audit computer science courses without obtaining prior permission from the Department of Computer Science.

Computer Science Faculty

Nicholas T. Karonis, Ph.D., Syracuse University, professor, Chair
Hamed Alhoori, Ph.D., Texas A & M University, associate professor
Pratool Bharti, Ph.D., University of South Florida, assistant professor
Kirk Duffin, Ph.D., Brigham Young University, associate professor
Raimund K. Ege, Ph.D., Oregon Graduate Institute of Science and Technology, associate professor
Reva Freedman, Ph.D., Northwestern University, associate professor
Minmei Hou, Ph.D., Pennsylvania State University, associate professor
David Koop, Ph.D., University of Utah, assistant professor
Michael E. Papka, Ph.D., University of Chicago, Presidential Research, Scholarship, and Artistry Professor
Mona Rahimi, PhD., University of Notre Dame, assistant professor
Maoyuan Sun, Ph.D., Virginia Polytechnic Institute and State University, assistant professor
Jie Zhou, Ph.D., Concordia University, professor

Majors

Computer Science (B.S.)

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Emphasis 1. Software Development

Requirements in Department (45-48)

- CSCI 240 - Computer Programming in C++ Credits: 4
- CSCI 241 - Intermediate Programming Credits: 4
- CSCI 330 - UNIX and Network Programming Credits: 4
- CSCI 340 - Data Structures and Algorithm Analysis Credits: 4
- CSCI 360 - Computer Programming in Assembler Language Credits: 4
- CSCI 463 - Computer Architecture and Systems Organization Credits: 4
- CSCI 466 - Databases Credits: 4
- CSCI 467 - Introduction to Software Engineering Credits: 4
- CSCI 480 - Principles of Operating Systems Credits: 4
- One additional computer science course numbered above CSCI 300. Credits: 3-4
- Two additional computer science courses numbered CSCI 390 or above. Credits: 6-8

Requirements outside Department (11-15)

- MATH 206 - Introductory Discrete Mathematics Credits: 3 *Available for Foundational Studies Quantitative Literacy Requirement.*
- MATH 211 - Calculus for Business and Social Science Credits: 4. *Available for Foundational Studies Quantitative Literacy Requirement.*
- OR MATH 229 - Calculus I Credits: 4 *Available for Foundational Studies Quantitative Literacy Requirement.*

- AND MATH 230 - Calculus II Credits: 4
- STAT 200 - Elementary Statistics Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
- OR STAT 300 - Introduction to Probability and Statistics Credits: 3. If STAT 300 is selected then the path requires MATH 229 and MATH 230 due to pre-requisites.

TOTAL HOURS FOR A MAJOR IN COMPUTER SCIENCE, EMPHASIS 1, SOFTWARE DEVELOPMENT: 56-63

General Education Requirements (18-30)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-9)

Writing Requirement (0-6)
Oral Communication Requirement (0-3)
Quantitative Literacy Requirements (0)

- Satisfied by program requirement MATH 206, MATH 211 or MATH 229

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domain Requirements (18-21)

Creativity and Critical Analysis (6)

- Two 3-credit courses selected from approved general education list. Creativity and Creative Analysis Course List

Nature and Technology (3-6)

- One or Two 3-credit courses selected from approved general education list. Nature and Technology Course List
- If STAT 200, a program option is taken, it fulfills one course requirement in this domain.

Society and Culture (6)

- Two 3-credit courses selected from approved general education list. Society and Culture Course List

Knowledge Domain Elective (3)

- One additional 3-credit course from any Knowledge Domain.

Graduation Requirements (6-9)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (0-3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (6)

- Two courses from the approved Writing Infused course list. Writing Infused Course List

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS, EMPHASIS 1: 24-39

TOTAL HOURS FOR ELECTIVES, EMPHASIS 1: 18-40

TOTAL HOURS FOR A B.S. IN COMPUTER SCIENCE, EMPHASIS 1: 120

Emphasis 2. Enterprise Software

Requirements in Department (46-48)

- CSCI 240 - Computer Programming in C++ Credits: 4
- CSCI 241 - Intermediate Programming Credits: 4
- CSCI 330 - UNIX and Network Programming Credits: 4
- CSCI 340 - Data Structures and Algorithm Analysis Credits: 4
- CSCI 360 - Computer Programming in Assembler Language Credits: 4
- CSCI 463 - Computer Architecture and Systems Organization Credits: 4
- CSCI 465 - Enterprise Application Environments Credits: 4
- CSCI 466 - Databases Credits: 4
- CSCI 467 - Introduction to Software Engineering Credits: 4
- CSCI 480 - Principles of Operating Systems Credits: 4
- One additional computer science course numbered above CSCI 300. Credits: 3-4
- One additional computer science course numbered CSCI 390 or above. Credits: 3-4

Requirements outside Department (20-27)

- ACCY 288 - Fundamentals of Accounting Credits: 3
- OR ACCY 206 - Introductory Financial Accounting Credits: 3
- AND ACCY 207 - Introductory Cost Management Credits: 3
- MATH 206 - Introductory Discrete Mathematics Credits: 3
  Available for Foundational Studies Quantitative Literacy Requirement.
- MATH 211 - Calculus for Business and Social Science Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.
- OR MATH 229 - Calculus I Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.
- AND MATH 230 - Calculus II Credits: 4
- STAT 200 - Elementary Statistics Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
- OR STAT 300 - Introduction to Probability and Statistics Credits: 3
  If STAT 300 is selected then the path requires MATH 229 and MATH 230 due to pre-requisites.

Two of the following (6)

- FINA 320 - Principles of Finance Credits: 3
- MGMT 320 - Foundations of Business and Entrepreneurship Credits: 3
- MGMT 327 - Creativity, Innovation, and Entrepreneurship Credits: 3
  Available for General Education credit in the Creativity and Critical Analysis Domain.
  This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- MGMT 333 - Principles of Management Credits: 3
- MKTG 295 - Principles of Marketing Credits: 3

TOTAL HOURS FOR A MAJOR IN COMPUTER SCIENCE, EMPHASIS 2, SOFTWARE DEVELOPMENT: 66-75

General Education Requirements (15-30)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-9)

Writing Requirement (0-6)
Oral Communication Requirement (0-3)
Quantitative Literacy Requirements (0)

- Satisfied by program requirement MATH 206, MATH 211 or MATH 229.

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domain Requirements (15-21)

Creativity and Critical Analysis (3-6)

- If MGMT 327, a program option is taken, it fulfills 1 course in this domain.
- One or two 3-credit courses selected from approved general education list. Creativity and Creative Analysis Course List

Nature and Technology (3-6)

- One or Two 3-credit courses selected from approved general education list. Nature and Technology Course List
- If STAT 200, a program option is taken, it fulfills one course requirement in this domain.

Society and Culture (6)

- Two 3-credit courses selected from approved general education list. Society and Culture Course List

Knowledge Domain Elective (3)

- One additional 3-credit course from any Knowledge Domain.

Graduation Requirements (6-9)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (0-3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (6)

- Two courses from the approved Writing Infused course list. Writing Infused Course List

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS, EMPHASIS 2: 21-39

TOTAL HOURS FOR ELECTIVE, EMPHASIS 2: 6-33

TOTAL HOURS FOR A B.S. IN COMPUTER SCIENCE, EMPHASIS 2: 120

Emphasis 3. Computational Software

Requirements in Department (45-47)

- CSCI 240 - Computer Programming in C++ Credits: 4
- CSCI 241 - Intermediate Programming Credits: 4
- CSCI 330 - UNIX and Network Programming Credits: 4
- CSCI 340 - Data Structures and Algorithm Analysis Credits: 4
- CSCI 360 - Computer Programming in Assembler Language Credits: 4
- CSCI 401 - Theory of Computation Credits: 3
- CSCI 463 - Computer Architecture and Systems Organization Credits: 4
- CSCI 466 - Databases Credits: 4
- CSCI 467 - Introduction to Software Engineering Credits: 4
- CSCI 480 - Principles of Operating Systems Credits: 4
- One additional computer science course numbered above CSCI 300. Credits: 3-4
- One additional computer science course numbered CSCI 390 or above. Credits: 3-4

Requirements outside Department (32)

- MATH 206 - Introductory Discrete Mathematics Credits: 3. *Available for Foundational Studies Quantitative Literacy Requirement.*
- MATH 229 - Calculus I Credits: 4
  Available for Foundational Studies Quantitative Literacy Requirement.
- AND MATH 230 - Calculus II Credits: 4
- AND MATH 232 - Calculus III Credits: 4
- MATH 240 - Linear Algebra and Applications Credits: 4
- PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4
  Available for General Education credit in the Nature and Technology Domain.
- STAT 300 - Introduction to Probability and Statistics Credits: 3

Two of the following (6)

- MATH 434 - Numerical Linear Algebra Credits: 3
- MATH 435 - Numerical Analysis Credits: 3
- MATH 444 - Linear Programming and Network Flows Credits: 3
- STAT 435 - Applied Regression Analysis Credits: 3

TOTAL HOURS FOR A MAJOR IN COMPUTER SCIENCE, EMPHASIS 3, COMPUTATIONAL SOFTWARE: 77-79

General Education Requirements (18-27)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-9)

Writing Requirement (0-6)
Oral Communication Requirement (0-3)
Quantitative Literacy Requirements (0)

- Satisfied by program requirement MATH 206 or MATH 229.

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domain Requirements (18)

Creativity and Critical Analysis (6)

- Two 3-credit courses selected from approved general education list. Creativity and Creative Analysis Course List

Nature and Technology (3)

- One 3-credit course selected from approved general education list. Nature and Technology Course List
- PHYS 253, a program requirement, fulfills one course requirement in this domain.

Society and Culture (6)

- Two 3-credit courses selected from approved general education list. Society and Culture Course List

Knowledge Domain Elective (3)

- One additional 3-credit course from any Knowledge Domain.

Graduation Requirements (6-9)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (0-3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (6)

- Two courses from the approved Writing Infused course list. Writing Infused Course List

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS, EMPHASIS 3: 24-36

TOTAL HOURS FOR ELECTIVES, EMPHASIS 3: 5-19

TOTAL HOURS FOR B.S. IN COMPUTER SCIENCE, EMPHASIS 3: 120

Minor

Minor in Computer Science (21-24)

Six or more semester hours in the minor must be taken at NIU.

Check departmental information for any additional requirements.

Requirements (21-24)

- CSCI 240 - Computer Programming in C++ Credits: 4
- CSCI 241 - Intermediate Programming Credits: 4
- One CSCI course numbered 290 or above (3-4)
- One CSCI course numbered 400 or above (3-4)
- MATH 110 - College Algebra Credits: 3
- OR MATH 104 - Supplemental Review for College Algebra Credits: 1
- AND MATH 105 - College Algebra with Review Credits: 3
- OR MATH 206 - Introductory Discrete Mathematics Credits: 3
- OR MATH 210 - Finite Mathematics Credits: 3
- OR MATH 211 - Calculus for Business and Social Science Credits: 4
- OR MATH 229 - Calculus I Credits: 4

One of the following:

- CSCI 330 - UNIX and Network Programming Credits: 4
- CSCI 360 - Computer Programming in Assembler Language Credits: 4

Certificate of Undergraduate Study

Mobile Programming (14)

This certificate is designed to provide study in programming mobile devices such as the iPhone, iPad, and android phones. The certificate is open to all undergraduates. Students must maintain good academic standing in the university, achieve a minimum grade of C in each certificate course, and complete all certificate course work within six calendar years. All course requirements for the certificate must be completed at NIU. Depending upon a student's prior programming background, successful completion of deficiency courses may be required before the student is allowed to enroll in any certificate courses. With department approval, some or all of the certificate courses may be applied toward undergraduate degree requirements in the department. The Department of Computer Science reserves the right to limit enrollment in any of the certificate courses. Students should consult with the undergraduate certificate advisor prior to registering for any courses.

Requirements (15)

- CSCI 321 - iOS Mobile Device Programming Credits: 4
- CSCI 322 - Android Mobile Device Programming Credits: 4
- CSCI 467 - Introduction to Software Engineering Credits: 4

One of the following:

- CSCI 427 - Advanced iOS Mobile Device Programming Credits: 3
- CSCI 428 - Advanced Android Mobile Device Programming Credits: 3

Earth, Atmosphere, and Environment (GEOG, GEOL, MET)

The Department of Geology and Environmental Geosciences offers a B.S. degree with emphases in geology, environmental geosciences, and earth science teaching. The environmental geosciences emphasis includes cross-disciplinary study with other departments. The emphases are designed to prepare students for a variety of careers in environmental geology, geology and hydrogeology, secondary teaching, and other professions that utilize geoscience information. The program also prepares students for graduate study in geology,

geochemistry, geophysics, oceanography, hydrogeology, and other environmental fields. The program is flexible to accommodate the needs of students with a variety of interests. For this reason, the student must consult with a departmental adviser at the earliest possible opportunity to plan a program of courses that will fulfill her or his objectives.

The department's 100-level courses can be used by non-majors toward fulfilling the science area requirement of the university's general education program. A minor is offered in geology and environmental geosciences which should be of interest to majors in geography, biology, physics, and chemistry. The department also participates in the interdisciplinary minor in environmental studies. A departmental honors program is available for outstanding students.

The Department of Geographic and Atmospheric Sciences offers the B.A. and B.S. degrees with a major in geography and the B.S. degree with a major in meteorology. The major in geography has emphases in geography and geomatics. An advanced studies certificate is also available in GIS.

The major in meteorology provides training for students interested in general meteorology, weather forecasting, and environmental meteorology, and the education necessary for graduate work in the atmospheric sciences. The program offers the student the opportunity to participate in the NIU Weather Service. Students may pursue a double major in geography and meteorology or the major in meteorology and a minor in geography.

The department offers a minor in geography and a departmental honors program and participates in the interdisciplinary minors in black studies, environmental management systems, environmental studies, global studies, Latino/Latin American studies, and Southeast Asian studies.

Earth, Atmosphere, and Environment Faculty

Mark R. Frank, Ph.D., University of Maryland, professor, interim chair
Walker S. Ashley, Ph.D., University of Georgia; Presidential Teaching Professor; Presidential Research, Scholarship and Artistry Professor
Robert Brinkmann, Ph.D. University of Wisconsin-Milwaukee, professor
Megan R.M. Brown, Ph.D., University of Colorado, Boulder, assistant professor
Philip J. Carpenter, Ph.D., New Mexico Institute of Mining and Technology, professor
Xuwei Chen, Ph.D., Texas State University, associate professor
Justin P. Dodd, Ph.D., University of New Mexico, associate professor
Mark P. Fischer, Ph.D., The Pennsylvania State University, professor
Courtney M. Gallaher, Ph.D., Michigan State University, associate professor
Vittorio (Victor) Gensini, Ph.D., University of Georgia, associate professor
Alex Haberlie, Ph.D., Northern Illinois University, assistant professor
Michael E. Konen, Ph.D., Iowa State University, associate professor
Nicole D. LaDue, Ph.D., Michigan State University, associate professor
Melissa E. Lenczewski, Ph.D., University of Tennessee, Presidential Engagement and Partnerships Professor
Wei Luo, Ph.D., Washington University, Distinguished Research Professor
Allison C. Michaelis, Ph.D., North Carolina State University, assistant professor
Ross D. Powell, Ph.D., The Ohio State University, Distinguished Research Professor, Board of Trustees Professor, professor emeritus
Reed P. Scherer, Ph.D., The Ohio State University, Distinguished Research Professor, Board of Trustees Professor
Jie Song, Ph.D., University of Delaware, professor
Nathan D. Stansell, Ph.D., University of Pittsburgh, associate professor
James L. Wilson, Ph.D., University of North Carolina Chapel Hill, associate professor

Majors

Geography (B.A. or B.S.)

Check departmental information for any additional requirements.

The major in geography offers the opportunity to develop greater understanding of a specific aspect of geography by choosing electives from one of three areas of study: human geography, geographic information science (GIS), or natural environmental systems. With the proper selection set of electives, the student can meet federal civil service qualification standards as a soil scientist or hydrologist.

The student learning outcomes for this degree are located at http:/www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Geography (B.A. or B.S.)

Requirements in Department (35-36)

Two of the following (7-8)

- GEOG 101 - Introduction to Environmental Geography Credits: 3. Available for general education credit. This is a nature and technology general education course for the Global Connections Pathway.
- AND GEOG 102 - Introduction to Environmental Geography Laboratory Credits: 1
- GEOG 105 - Weather, Climate, and You Credits: 3. Available for general education credit.
- AND GEOG 106 - Weather and Climate Laboratory Credits: 1

- GEOG 253 - Environment and Society Credits: 3. Available for general education credit. This is a nature and technology general education course for the Social Justice and Diversity Pathway.

Two of the following (6)

- GEOG 201 - Introduction to Human Geography Credits: 3
- GEOG 202 - World Regional Geography Credits: 3. Available for general education credit. GEOG 202 also fulfills the Human Diversity Requirement. This is a society and culture general education course for the Origins and Influences Pathway.
- GEOG 204 - Geography of Economic Activities Credits: 3. Available for general education credit. This is a society and culture general education course for the Global Connections Pathway.
- GEOG 256 - Maps and Mapping Credits: 3
- GEOG 300 - Proseminar Credits: 1
- GEOG 359 - Introduction to Geographic Information Systems Credits: 3
- GEOG 361 - Geographic Measurement and Quantitative Analysis Credits: 3. GEOG 361 is a writing infused course.

Electives chosen from one of the following four course groupings or any combination.

Electives chosen from one of the following four course groupings or any combination for 12 semester hours.
Both GEOG 391 and GEOG 491 may be included in these 12 hours for no more than 3 semester hours of credit in each.

Geographic Information Science

Course work from the following

- GEOG 360 - Earth from Space: Introduction to Remote Sensing Credits: 3
- GEOG 391 - Internship Credits: 1-6 J. Methods and Techniques
  Students must take GEOG 391J for 1-3 semester hours.
- GEOG 391 - Internship: Credits: 1-3: K. Mapping/Geovisualization
- GEOG 403 - Soils and Environmental Land Use Planning Credits: 3
- GEOG 407 - Technological Hazards Credits: 3
- GEOG 432 - GIS for Public and Environmental Health Credits: 3
- GEOG 455 - Land-Use Planning Credits: 3
- GEOG 458 - Geovisualization Credits: 3
- GEOG 459 - Geographic Information Systems Credits: 3
- GEOG 460 - Remote Sensing of the Environment Credits: 3
- GEOG 464 - Location Analysis Credits: 3
- GEOG 465 - Geographic Field Work Credits: 3-8
  Students must take 3 semester hours in this course.
- GEOG 467 - Workshop in Cartography Credits: 3
- GEOG 468 - Workshop in GIS Credits: 3
- GEOG 470 - Web Mapping Credits: 3
- GEOG 490 - Community Geography Credits: 3
- GEOG 491 - Undergraduate Research in Geography Credits: 1-3
- GEOG 493 - Computer Programming for the Geosciences Credits: 3
  Students must take 3 semester hours in this course.
- GEOG 498 - Seminar in Current Problems Credits: 3 J. Methods and Techniques
- GEOG 498 - Seminar: Credits: 3: K. Mapping/Geovisualization

Human Geography

Course work from the following

- GEOG 201 - Introduction to Human Geography Credits: 3
- GEOG 304 - Transportation Geography Credits: 3
- GEOG 324X - Women in Science Credits: 3
  Available for general education credit.
  GEOG 324X also fulfills the Human Diversity Requirement.
  This is a society and culture general education course for the Social Justice and Diversity Pathway.
- GEOG 336 - Geography of Africa Credits: 3
- GEOG 362 - Geography of Urban Systems Credits: 3
- GEOG 391 - Internship Credits: 1-6 G. Urban/Economic Geography
  Students take 1-3 semester hours in this course.
- GEOG 403 - Soils and Environmental Land Use Planning Credits: 3
- GEOG 407 - Technological Hazards Credits: 3
- GEOG 425 - Geography of Food and Agriculture Credits: 3
- GEOG 430 - Population Geography Credits: 3
- GEOG 451 - Political Geography Credits: 3
- GEOG 453 - Environmental Management Credits: 3
- GEOG 455 - Land-Use Planning Credits: 3
- GEOG 461 - Applied Statistics in Geographic Research Credits: 3
- GEOG 463 - Urban Geography Credits: 3
- GEOG 464 - Location Analysis Credits: 3
- GEOG 490 - Community Geography Credits: 3
- GEOG 491 - Undergraduate Research in Geography Credits: 1-3
- GEOG 498 - Seminar in Current Problems Credits: 3 G. Urban/Economic Geography

Natural Environmental Systems

Students will be better prepared for this area by fulfilling the B.S. degree requirements.

Course work from the following

- GEOG 302 - Soil Science Credits: 3
- GEOG 303 - Water Resources and the Environment Credits: 3
  Available for general education credit.
- GEOG 306 - Severe and Hazardous Weather Credits: 3
- GEOG 322 - Geography of World Plant Communities Credits: 3
- GEOG 324X - Women in Science Credits: 3
  GEOG 324X fulfills the Human Diversity Requirement.
  Available for general education credit.
  This is a society and culture general education course for the Social Justice and Diversity Pathway.
- GEOG 360 - Earth from Space: Introduction to Remote Sensing Credits: 3
- GEOG 368 - Climate Change: Science, Impacts, and Mitigation Credits: 3
- GEOG 370 - Regional Climatology Credits: 3
- GEOG 391 - Internship Credits: 1-6 A. Physical Geography
  Students must take GEOG 391A for 1-3 semester hours.
- GEOG 391 - Internship: Credits 1-3: B. Environmental Management
- GEOG 402 - Pedology Credits: 4
- GEOG 403 - Soils and Environmental Land Use Planning Credits: 3
- GEOG 404 - Soil Description and Interpretation Credits: 2
- GEOG 406 - Natural Hazards and Environmental Risk Credits: 3
- GEOG 407 - Technological Hazards Credits: 3
- GEOG 413 - Forest Ecology and Management Credits: 3
- GEOG 422 - Plant-Soil Interactions Credits: 4
- GEOG 425 - Geography of Food and Agriculture Credits: 3
- GEOG 442X - Geomorphology Credits: 3
- GEOG 453 - Environmental Management Credits: 3
- GEOG 455 - Land-Use Planning Credits: 3
- GEOG 461 - Applied Statistics in Geographic Research Credits: 3
- GEOG 465 - Geographic Field Work Credits: 3-8
  Students must take GEOG 465 for 3 semester hours.
- GEOG 490 - Community Geography Credits: 3
- GEOG 491 - Undergraduate Research in Geography Credits: 1-3
- GEOG 492 - Hydrology Credits: 3
- GEOG 498 - Seminar in Current Problems Credits: 3 A. Physical Geography
- GEOG 498 - Seminar in Current Problems: Credits: 3 B. Environmental Management

Requirements outside Department (B.A., 7-20; B.S., 10-15)

- MATH 210 - Finite Mathematics Credits: 3
  Available for general education credit.
- OR MATH 211 - Calculus for Business and Social Science Credits: 4
  Available for general education credit.
- OR MATH 229 - Calculus I Credits: 4
  Available for general education credit.
- STAT 200 - Elementary Statistics Credits: 4

For the B.A. degree

Fulfillment of foreign language requirement (0-12)
(See "Foreign Language Requirement for the B.A. Degree" in the Other Graduation Requirements section of this catalog.)

For the B.S. degree

Laboratory science/mathematical/computational skills sequence (10-15)
See "College Requirements for the B.S. Degree" in the Other Graduation Requirements section of this catalog.
Students should consult the undergraduate adviser for the appropriate sequence for their course of study.

Total Hours for Geography: 42-56 (B.A.) OR 45-51 (B.S.)

Recommendations

Students interested in environmental studies are strongly advised to complete at least two, one-year sequences of courses in a laboratory science. Students should contact the undergraduate adviser for career goal advisement early in their course of study.

Geology and Environmental Geosciences (B.S.)

Students planning careers as professional geologists normally complete the emphasis in geology. The emphasis in environmental geosciences is designed for students seeking a broad scientific base for pursuit of careers in professions that may utilize environmental knowledge, such as land-use planning, law, political science or economics and therefore includes several courses in or related to a cross-disciplinary department of the student's choice. These courses may provide the basis for the completion of a minor in that department. Students planning to pursue initial educator licensure to teach in grades 9-12 will usually select the emphasis in earth science education, but completion of the emphasis does not fulfill all the requirements for initial educator licensure.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Senior Thesis Requirements

Seniors having a cumulative GPA of 2.75 and having completed at least 26 semester hours in geology and environmental geosciences are eligible to undertake a senior thesis. It is the student's responsibility to find a faculty member willing to serve as project adviser. The Department of Geology and Environmental Geosciences cannot guarantee

any student an adviser. A course permit number will not be issued until a project adviser approval form has been filed with the undergraduate adviser. A second committee member will be appointed by the departmental undergraduate committee. The thesis shall be a written report prepared in accordance with accepted guidelines for published scientific literature and reflecting a research effort commensurate with the hours of credit to be earned.

Check departmental information for any additional requirements.

Emphasis 1. Geology

Requirements in Department (42)

- GEOL 120 - Planet Earth Credits: 3
  GEOL 120 is available for general education credit. This is a nature and technology general education course for the Origins and Influences Pathway.
- AND GEOL 121 - Planet Earth Laboratory Credits: 1
  GEOL 121 is available for general education credit.
- GEOL 200 - Geoscience Career Preparation Credits: 1
- GEOL 325 - Solid Earth Composition Credits: 4
- GEOL 330 - Global Cycles Credits: 4
- GEOL 335 - Dynamics and Structure of the Earth Credits: 4
- GEOL 375 - Technology Applications in Geoscience Credits: 2
- GEOL 405 - Sedimentology and Stratigraphy Credits: 4
- GEOL 477 - Field Methods in Environmental Geosciences Credits: 4. GEOL 477 is a writing infused course.
- OR GEOL 478 - Geoscientific Field Techniques Credits: 2
- AND GEOL 479 - Geoscientific Field Techniques II Credits: 2. With prior approval from departmental undergraduate adviser, students may substitute field courses taken at other universities as long as those courses carry a combined total of at least 4 credit hours.
- Upper-division GEOL course work, which may include senior thesis, selected in consultation with undergraduate adviser (15)

Requirements outside Department (24)

Additional courses may be substituted with written approval of the departmental undergraduate adviser.

Please note corequisite information in course descriptions.

- CHEM 210 - General Chemistry I Credits: 3
  Available for general education credit.
- AND CHEM 212 - General Chemistry Laboratory I Credits: 1. Available for general education credit.
- CHEM 211 - General Chemistry II Credits: 3
  Available for general education credit.
- AND CHEM 213 - General Chemistry Laboratory II Credits: 1. Available for general education credit.
- MATH 229 - Calculus I Credits: 4
  Available for general education credit.
- AND MATH 230 - Calculus II Credits: 4
- OR MATH 211 - Calculus for Business and Social Science Credits: 4
- AND STAT 200 - Elementary Statistics Credits: 4

One of the following groups of courses:

Physics

- PHYS 210 - General Physics I Credits: 4
  Available for general education credit.
- OR PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4
  Available for general education credit.
- AND PHYS 211 - General Physics II Credits: 4
  Available for general education credit.
- OR PHYS 273 - Fundamentals of Physics II: Electromagnetism Credits: 4
  Available for general education credit.

OR Biological Sciences

- BIOS 103 - General Biology Credits: 3
  Available for general education credit.
- BIOS 105 - General Biology Laboratory Credits: 1
  Available for general education credit.
- BIOS 209 - Fundamentals of Organismal Biology Credits: 3
- BIOS 211 - Fundamentals of Organismal Biology Laboratory Credits: 1

Total Hours for Emphasis 1, Geology: 66

Emphasis 2. Environmental Geosciences

Requirements in Department (36-39)

- GEOL 120 - Planet Earth Credits: 3. Available for general education credit. This is a nature and technology general education course for the Origins and Influences Pathway.
- AND GEOL 121 - Planet Earth Laboratory Credits:
  Available for general education credit.
- GEOL 200 - Geoscience Career Preparation Credits: 1
- GEOL 325 - Solid Earth Composition Credits: 4
- GEOL 330 - Global Cycles Credits: 4
- GEOL 335 - Dynamics and Structure of the Earth Credits: 4
- GEOL 375 - Technology Applications in Geoscience Credits: 2

- GEOL 405 - Sedimentology and Stratigraphy Credits: 4
- GEOL 477 - Field Methods in Environmental Geosciences Credits: 4 GEOL 477 is a writing infused course.
- OR GEOL 478 - Geoscientific Field Techniques Credits: 2
- OR an approved substitute taken at another university.
- AND GEOL 479 - Geoscientific Field Techniques II Credits: 2

(With prior approval from departmental undergraduate adviser, students may substitute field courses taken at other universities as long as those courses carry a combined total of at least 4 credit hours.)

Upper-division GEOL course work (9-12) of which a minimum of 9 semester hours shall be in courses other than GEOL 489, GEOL 498, or GEOL 499 (except by approval of the undergraduate adviser).

Requirements outside Department (33-36)

- CHEM 210 - General Chemistry I Credits: 3. CHEM 210 is available for general education credit.
    - AND CHEM 212 - General Chemistry Laboratory I Credits: 1. CHEM 212 is available for general education credit.
- CHEM 211 - General Chemistry II Credits: 3. CHEM 211 is available for general education credit.
    - AND CHEM 213 - General Chemistry Laboratory II Credits: 1. CHEM 213 is available for general education credit.
- MATH 229 - Calculus I Credits: 4. MATH 229 is available for general education credit.
    - AND MATH 230 - Calculus II Credits: 4
- OR MATH 211 - Calculus for Business and Social Science Credits: 4. MATH 211 is available for general education credit.
    - AND STAT 200 - Elementary Statistics Credits: 4
- Additional Requirement: The 9-12 hours of upper-division GEOL course work and 9-12 hours of upper-division approved course work from the co-disciplinary departments must together total to a minimum of 20 hours.

One of the following groups of courses--Physics or Biological Sciences

Physics

- PHYS 210 - General Physics I Credits: 4. Available for general education credit.
    - OR PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4. Available for general education credit.
    - AND PHYS 211 - General Physics II Credits: 4. Available for general education credit.
    - OR PHYS 273 - Fundamentals of Physics II: Electromagnetism Credits: 4. Available for general education credit.

Biological Sciences

- BIOS 103 - General Biology Credits: 3. Available for general education credit.
- BIOS 105 - General Biology Laboratory Credits: 1. Available for general education credit.
- BIOS 209 - Fundamentals of Organismal Biology Credits: 3
- BIOS 211 - Fundamentals of Organismal Biology Laboratory Credits: 1

Upper-division course work selected from the following list of courses (9-12):

- ANTH 425 - Environment and Anthropology Credits: 3
- ANTH 432 - Nature and the Environment Across Cultures Credits: 3
- ANTH 445 - Primate Evolution Credits: 3
- BIOS 442 - Evolution and the Creationist Challenge Credits: 3
- ECON 301 - Labor Problems Credits: 3
- ECON 386 - Environmental Economics Credits: 3
- ENVS 301 - Environmental Science I: Physical Systems Credits: 3
- ENVS 302 - Environmental Science II: Biological Systems Credits: 3
- ENVS 304 - Environmental Law, Policy, and Economics Credits: 3
- GEOG 302 - Soil Science Credits: 3
- GEOG 303 - Water Resources and the Environment Credits: 3. Available for general education credit.
- GEOG 306 - Severe and Hazardous Weather Credits: 3
- GEOG 359 - Introduction to Geographic Information Systems Credits: 3
- GEOG 368 - Climate Change: Science, Impacts, and Mitigation Credits: 3
- GEOG 403 - Soils and Environmental Land Use Planning Credits: 3
- GEOG 404 - Soil Description and Interpretation Credits: 2
- GEOG 406 - Natural Hazards and Environmental Risk Credits: 3
- GEOG 453 - Environmental Management Credits: 3
- GEOG 455 - Land-Use Planning Credits: 3
- GEOG 464 - Location Analysis Credits: 3. GEOG 464 is a writing infused course.
- GEOG 498 - Seminar in Current Problems Credits: 3
- PHHE 351 - Elements of Environmental Health Credits: 3
- POLS 324 - Politics of Environmental Health and Safety Regulation Credits: 3. POLS 324 is a writing infused course.

Total Hours for Emphasis 2, Environmental Geosciences: 69-75

Emphasis 3. Earth and Space Science Education

Requirements listed in these sections are minimum requirements. Meeting these requirements will not guarantee students admission to the geology and environmental geosciences educator licensure program or courses.

Completion of this emphasis does not fulfill all requirements for initial educator licensure.

Requirements in Department (37)

- GEOL 103 - Planetary and Space Science Credits: 3. Available for general education credit. This is a nature and technology general education course for the Origins and Influences Pathway.
    - OR PHYS 162 - Elementary Astronomy Credits: 3. Available for general education credit. This is a nature and technology general education course for the Origins and Influences Pathway.
- GEOL 120 - Planet Earth Credits: 3. Available for general education credit. This is a nature and technology general education course for the Origins and Influences Pathway.
    - AND GEOL 121 - Planet Earth Laboratory Credits: 1. Available for general education credit.
- GEOL 200 - Geoscience Career Preparation Credits: 1
- GEOL 325 - Solid Earth Composition Credits: 4
- GEOL 330 - Global Cycles Credits: 4
- GEOL 335 - Dynamics and Structure of the Earth Credits: 4
- GEOL 401 - Third Clinical High School/Middle School Experience in Earth and Space Science Credits: 2
- GEOL 403 - The Nature of Scientific Inquiry Credits: 2
- GEOL 405 - Sedimentology and Stratigraphy Credits: 4
- GEOL 414 - Interdisciplinary Teaching of Science in Secondary and Middle Level Education Credits: 3. GEOL 414 is a writing infused course.
- GEOL 416X - Methods in Teaching Physical Sciences Credits: 3
- GEOL 429 - Inquiry-Based Field Experiences for Earth Science Teachers Credits: 3

Additional Requirements for Earth Science Education (6)

Upper-division course work in geology and environmental geosciences or, with approval of the licensure coordinator, from other areas of earth science, usually physical geography, meteorology, or astronomy (6)

Total Requirements in Department (43)

Requirements outside Department (47-53)

Please note corequisite information in course descriptions.

- BIOS 208 - Fundamentals of Cellular Biology Credits: 3
    - AND BIOS 210 - Fundamentals of Cellular Biology Laboratory Credits: 1
- BIOS 209 - Fundamentals of Organismal Biology Credits: 3
    - AND BIOS 211 - Fundamentals of Organismal Biology Laboratory Credits: 1
- CHEM 210 - General Chemistry I Credits: 3. Available for general education credit.
    - AND CHEM 212 - General Chemistry Laboratory I Credits: 1. Available for general education credit.
- CHEM 211 - General Chemistry II Credits: 3. Available for general education credit.
    - AND CHEM 213 - General Chemistry Laboratory II Credits: 1. Available for general education credit.
- EPS 406 - Issues in Human Development and Learning in the Middle School and High School Years Credits: 3
- ETT 402 - Teaching and Learning with Technology Credits: 3
- GEOG 105 - Weather, Climate, and You Credits: 3. Available for general education credit.
    - AND GEOG 106 - Weather and Climate Laboratory Credits: 1. Available for general education credit.
- ILAS 201 - Introductory Clinical Experience Credits: 1
- ILAS 301 - Second Clinical Experience Credits: 1
- MATH 229 - Calculus I Credits: 4. Available for general education credit.
    - OR MATH 155 - Trigonometry and Elementary Functions Credits: 3. Available for general education credit.
    - AND MATH 211 - Calculus for Business and Social Science Credits: 4
    - AND STAT 200 - Elementary Statistics Credits: 4
- PHYS 210 - General Physics I Credits: 4. Available for general education credit.
    - AND PHYS 211 - General Physics II Credits: 4. Available for general education credit.
    - OR PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4. Available for general education credit.
    - AND PHYS 273 - Fundamentals of Physics II: Electromagnetism Credits: 4. Available for general education credit.
- PSYC 102 - Introduction to Psychology Credits: 3. Available for general education credit.
- SESE 457 - Methods for Including Middle and Secondary Students with Exceptionalities in the General Education Classroom Credits: 3

Total Hours for Emphasis 3, Earth and Space Science Education: 90-96

Meteorology (B.S.)

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Requirements in Department (34)

- GEOG 105 - Weather, Climate, and You Credits: 3. Available for general education credit.
- GEOG 106 - Weather and Climate Laboratory Credits: 1
- GEOG 300 - Proseminar Credits: 1
- MET 300 - Meteorology Credits: 4
- MET 360 - Radar Meteorology Credits: 3
    - OR GEOG 360 - Earth from Space: Introduction to Remote Sensing Credits: 3
- MET 410 - Weather Dynamics I Credits: 4
- MET 411 - Weather Dynamics II Credits: 4
- MET 421 - Synoptic Meteorology Credits: 4
- MET 444 - Mesoscale Meteorology Credits: 3
- MET 475 - Practicum in Weather Analysis and Forecasting Credits: 1. Students must take MET 475 twice for a total of 2 semester hours.

Course work from the following (6)

- GEOG 370 - Regional Climatology Credits: 3
- GEOG 391 - Internship Credits: 1-6 C. Meteorology/Climatology. Students must take 1-3 semester hours in this course.
- GEOG 406 - Natural Hazards and Environmental Risk Credits: 3
- GEOG 460 - Remote Sensing of the Environment Credits: 3
- GEOG 461 - Applied Statistics in Geographic Research Credits: 3
- GEOG 491 - Undergraduate Research in Geography Credits: 1-3
- GEOG 492 - Hydrology Credits: 3
- GEOG 498 - Seminar in Current Problems Credits: 3 C. Meteorology/Climatology
- MET 291 - Field Experience in Meteorology Credits: 1-3
- MET 430 - Micrometeorology Credits: 3
- MET 431 - Applications in Climatology Credits: 3
- MET 485 - Atmospheric Physics Credits: 3
- MET 491 - Undergraduate Research in Meteorology Credits: 1-3

Requirements outside Department (30-31)

- CSCI 240 - Computer Programming in C++ Credits: 4
    - OR GEOG 493 - Computer Programming for the Geosciences Credits: 3
- MATH 229 - Calculus I Credits: 4. Available for general education credit.
- MATH 230 - Calculus II Credits: 4
- MATH 232 - Calculus III Credits: 4
- MATH 336 - Ordinary Differential Equations Credits: 3
- PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4. Available for general education credit.
- PHYS 273 - Fundamentals of Physics II: Electromagnetism Credits: 4. Available for general education credit.
- STAT 200 - Elementary Statistics Credits: 4

Recommendations

Students are advised to contact an adviser early in their course of study. A suggested plan of study is available in the department office.

Total Hours for a Major in Meteorology (B.S.): 64-65

Minor

Minor in Geography (19)

Meteorology majors may declare the minor in geography.

Check departmental information for any additional requirements.

Requirements (19)

Six or more semester hours in the minor must be taken at NIU.

- GEOG 101 - Introduction to Environmental Geography Credits: 3. Available for general education credit. This is a nature and technology general education course for the Global Connections Pathway.
    - OR GEOG 105 - Weather, Climate, and You Credits: 3. Available for general education credit.
- GEOG 202 - World Regional Geography Credits: 3. Available for general education credit. GEOG 202 also fulfills the Human Diversity Requirement. This is a society and culture general education course for the Origins and Influences Pathway.
- OR GEOG 201 - Introduction to Human Geography Credits: 3
- OR GEOG 204 - Geography of Economic Activities Credits: 3. Available for general education credit. This is a society and culture general education course for the Global Connections Pathway.
- GEOG 256 - Maps and Mapping Credits: 3. Available for general education credit.

- Electives from geography courses at the 300 or 400 level (9)

Minor in Geology and Environmental Geosciences (21)

Check departmental information for any additional requirements.

Requirements (21)

Six or more semester hours in the minor must be taken at NIU.

- GEOL 120 - Planet Earth Credits: 3. GEOL 120 is available for general education credit. This is a nature and technology general education course for the Origins and Influences Pathway.
    - AND GEOL 121 - Planet Earth Laboratory Credits: 1
- GEOL 325 - Solid Earth Composition Credits: 4
- GEOL 405 - Sedimentology and Stratigraphy Credits: 4

Additional 9 semester hours in GEOL courses listed as 300-level or higher.

Certificate of Undergraduate Study

Geographic Information Systems (15)

This certificate is designed to provide pre-professional study in the collection, management, analysis, and display (mapping) of spatial data. It is open to all NIU undergraduates. Students must maintain good academic standing in the university, achieve a minimum grade of C in each certificate course, achieve a GPA of at least 3.00 in all certificate courses, and complete all certificate course work within six calendar years. A minimum of 12 semester hours towards the certificate must be completed at NIU. With department approval, some or all of the certificate courses may be applied toward undergraduate degree requirements in the department. The Department of Geographic and Atmospheric Sciences reserves the right to limit enrollment in any of the certificate courses.

Requirements

- GEOG 256 - Maps and Mapping Credits: 3. Available for general education credit.
- GEOG 359 - Introduction to Geographic Information Systems Credits: 3
- GEOG 459 - Geographic Information Systems Credits: 3

Course work from the following with consent of adviser (6)

- GEOG 360 - Earth from Space: Introduction to Remote Sensing Credits: 3
- GEOG 391 - Internship Credits: 1-6 J. Methods and Techniques
- GEOG 391 - Internship Credits: 1-6 K. Mapping/Geovisualization
- GEOG 403 - Soils and Environmental Land Use Planning Credits: 3
- GEOG 407 - Technological Hazards Credits: 3
- GEOG 432 - GIS for Public and Environmental Health Credits: 3
- GEOG 455 - Land-Use Planning Credits: 3
- GEOG 458 - Geovisualization Credits: 3
- GEOG 460 - Remote Sensing of the Environment Credits: 3
- GEOG 464 - Location Analysis Credits: 3. GEOG 464 is a writing infused course.
    - OR OMIS 379 - Business Applications of Geographic Information Systems Credits: 3
- GEOG 467 - Workshop in Cartography Credits: 3
- GEOG 468 - Workshop in GIS Credits: 3
- GEOG 470 - Web Mapping Credits: 3
- GEOG 490 - Community Geography Credits: 3
- GEOG 491 - Undergraduate Research in Geography Credits: 1-3
- GEOG 493 - Computer Programming for the Geosciences Credits: 3
- GEOG 498 - Seminar in Current Problems Credits: 3 J. Methods and Techniques
- GEOG 498 - Seminar in Current Problems Credits: 3 K. Mapping/Geovisualization

Educator Licensure

Educator Licensure - Geology and Environmental Geosciences

Students seeking initial licensure in earth and space science to teach in grades 9-12 (Standard High School License) must schedule an interview with the departmental licensure coordinator to formulate a specific plan of study.

Because licensure requires additional courses beyond the major, consulting the coordinator before registering for the initial term will facilitate expeditious completion of the program.

Students seeking licensure will also major in geology and environmental geosciences unless they already hold a baccalaureate or higher degree in that discipline.

Students are responsible for timely submission of the several applications and permits required during the program.

Undergraduate geology majors may apply for admission to educator licensure in Earth and Space Science at the end of

their sophomore year, except in the case of transfer students who normally apply at the end of their first semester at NIU.

Students transferring geology course credits from other institutions will complete additional NIU courses as determined by the departmental licensure coordinator.

Individuals who want to obtain initial licensure as postgraduates or while majoring in another area should consult the departmental licensure coordinator. Students who want to obtain initial licensure while enrolled in a graduate program or as students-at-large should consult the *Graduate Catalog* and the certification coordinator.

Students who already possess a baccalaureate or higher degree and wish to pursue licensure without becoming a candidate for a degree should consult with the geology licensure adviser as early as possible to plan a course of study.

Admission Requirements

Requirements listed in this section are minimum requirements. Meeting these requirements will not guarantee students admission to the geology and environmental geosciences educator licensure program or courses.

Students will be admitted to the licensure program when they have:

- Submitted an application in writing to the departmental licensure coordinator.
- Earned a minimum GPA of 2.50 in all work at NIU.
- Earned a minimum combined GPA of 2.70 in NIU courses numbered 200 and above in physical and biological sciences and mathematics.
- Completed a satisfactory interview with the coordinator in which the student demonstrates attitudes and motivations appropriate to the professional educator.
- Obtained approval from the department's office of teacher licensure.
- 16 semester hours in geology and environmental geosciences courses numbered 300 and above.
- Completed the following with a grade of C or better (higher numbered courses may be substituted, if approved by the coordinator and all of the following are available for general education credit).
    - COMS 100 - Fundamentals of Oral Communication Credits: 3
    - ENGL 103 - Rhetoric and Composition I Credits: 3
    - ENGL 203 - Rhetoric and Composition II, Researched Writing in the Domains Credits: 3
    - MATH 155 - Trigonometry and Elementary Functions Credits: 3
    - PSYC 102 - Introduction to Psychology Credits: 3

Retention Requirements

Requirements listed in this section are minimum requirements. Meeting these requirements will not guarantee students admission to the geology and environmental geosciences educator licensure program or courses.

Students admitted to the program must maintain the GPA requirements and complete a satisfactory review of progress each semester with the department's office of teacher licensure.

A grade of C or better is required in all course work listed for the Earth Science Education degree and teacher licensure.

Completion Requirements

The State of Illinois has established course and standards-based requirements for licensure. Approved licensure programs must have requirements that meet or exceed the state requirements. A list of the current state minimum requirements is available from the Illinois State Board of Education web page. The department's licensure program requirements are designed to prepare candidates both to meet state course requirements and to demonstrate that they meet state teaching standards.

Current requirements include the possession of an appropriate baccalaureate degree from an accredited institution, a minimum of 32 semester hours in the field, pre-student teaching clinical experiences at the 6-12 grade level or proof of teaching experience at the 6-12 level, student teaching or an approved teaching experience, passage of the Test of Academic Proficiency and secondary license subject matter examinations of the Illinois Licensure Testing System, and demonstration that the candidate has met science teaching standards.

Contact the licensure coordinator for information on the necessary criteria that experiences must meet to demonstrate fulfillment of licensure requirements.

For extra-departmental requirements see "Educator Licensure Requirements" and the departmental licensure coordinator.

Earth and Space Science Educator Licensure

All requirements listed in Emphasis 3, Earth and Space Science Education and the following:

- GEOL 322 - Paleogeography, Paleoclimatology, Paleoecology Credits: 4
- GEOL 325 - Solid Earth Composition Credits: 4
- GEOL 330 - Global Cycles Credits: 4
- GEOL 335 - Dynamics and Structure of the Earth Credits: 4
- GEOL 416X - Methods in Teaching Physical Sciences Credits: 3
- GEOL 428 - Student Teaching (Secondary) in Earth and Space Science Credits: 12

- GEOL 429 - Inquiry-Based Field Experiences for Earth Science Teachers Credits: 3
- GEOL 482 - Transition to the Professional Earth and Space Science Teacher Credits: 2
- LTIC 420 - Methods and Materials for Teaching Multilingual Learners in the Content Areas Credits: 3

Except in unusual circumstances GEOL 401 and GEOL 416X must be taken in the semester immediately prior to enrollment in GEOL 428 and students are admitted to GEOL 487 only upon successful completion of the course work required for graduation and licensure. In addition, students must pass the ILTS Subject Matter test before student teaching.

The State of Illinois has established course- and standards-based requirements for licensure. Approved licensure programs must have requirements that meet or exceed the state requirements. A list of the current state minimum requirements is available for the Illinois State Board of Education web page.

Educator Licensure - Social Sciences: Geography

Students who want to be licensed to teach geography at the secondary level must declare their intention to do so with the History and Social Sciences Educator Licensure Program at the earliest possible opportunity. Educator licensure involves significant requirements in addition to the completion of a degree in geography.

Admission

Students are admitted to the History and Social Sciences Secondary Teacher Education Program when they have:

- established a file with the History and Social Sciences Educator Licensure Program and completed satisfactory reviews of progress each semester after establishment of the file;
- attained junior standing and completed at least 12 semester hours at NIU with a minimum GPA of 2.67;
- passed the Test of Academic Proficiency or equivalent recognized by the ISBE;
- completed at least 6 semester hours of geography at NIU and earned a minimum GPA of 3.00 in all geography courses taken at NIU;
- met all other Illinois State Board of Education (ISBE) requirements for admission to an educator licensure program; and
- obtained approval from the History and Social Sciences Educator Licensure Program.

Retention

Students admitted to the program must maintain program GPA requirements, display appropriate professional dispositions, and complete a satisfactory review of progress each semester with the History and Social Sciences Educator Licensure Program. Students must also pass any additional tests required by the ISBE for educator licensure such as the appropriate state Content Area Test (taken before student teaching) and the Teacher Performance Assessment (taken before program completion).

Department Requirements

Students must complete the requirements for a degree in geography. In addition, they must complete GEOG 496X, History and Social Science Instruction for Secondary Educators. Except in unusual circumstances, GEOG 496X must be taken in the semester immediately prior to enrollment in student teaching and concurrently with the Third Clinical Secondary School Experience in History/Social Sciences.

Other Requirements

Students pursuing educator licensure must take additional, approved course work in history and the social sciences to acquire the broad-based, interdisciplinary knowledge required of secondary social studies educators. Students must also complete approved professional education course work in areas such as special education methods, content-area literacy, and teaching English-language learners. Contact the History and Social Sciences Educator Licensure Program for the current list of history, social science, and education courses approved for fulfilling these requirements.

Students must also complete a three-semester sequence of pre-student teaching clinical experiences, including HIST 401, Third Clinical Secondary School Experience in History/Social Sciences, as well as HIST 400, Student Teaching in History/Social Sciences for Secondary Educators. Except in unusual circumstances, students are admitted to HIST 400 only upon satisfactory completion of all other work required for graduation and licensure.

Students pursuing educator licensure must have a grade of C or better in all course work specifically required for licensure. Higher number courses may be substituted if approved by the department.

The History and Social Sciences Educator Licensure Program complies with all ISBE rules as they relate to licensure as outlined in Title 23, Part 25 of the Illinois Administrative Code and all other applicable state laws and university requirements. Students should consult with the History and Social Sciences Educator Licensure Program to determine the necessary requirements to obtain educator licensure.

Placement

The History and Social Sciences Educator Licensure Program cannot guarantee geographic area, subject area, or availability of placements for clinical experiences including

student teaching. All placements are arranged through the College of Liberal Arts and Sciences Office of School Partnerships and Placements.

The Degree with Honors

Geography or Meteorology Degree with Honors

The B.S. degree with Honors in Geography or Meteorology will be awarded to students satisfying the following requirements.

- Approval of the department chair for admission to the honors degree program.
- Senior standing with a minimum GPA of 3.00 in all course work and of 3.50 in geography courses.
- Completion of the requirements of the declared departmental major.
- Completion of a senior honors thesis under GEOG 491H or MET 491H for 2-4 semester hours. The honors thesis must be approved by the project faculty adviser and a faculty member appointed by the department chair.

Geology and Environmental Geosciences Degree with Honors

Students who want to work toward a B.S. degree with honors should discuss the matter with the faculty adviser and the chair of the department's Undergraduate Committee as soon as possible. Admission to the degree with honors program requires the approval of the department chair and will be considered only for juniors or seniors having a minimum GPA of 3.00 in all work and of 3.40 in geology and environmental geosciences courses.

A B.S. degree with honors in geology and environmental geosciences will be awarded to the candidate who maintains a GPA of 3.40 in department courses, fulfills the normal requirements for the major, and completes a departmental honors thesis under GEOL 499. The senior departmental honors thesis must be approved by the project adviser and a staff member appointed by the departmental undergraduate committee.

The University Honors Program is separate but complementary to the departmental degree with honors. Eligible students may participate in one or both programs simultaneously since there is some overlap in the requirements. Students interested in the University Honors Program are encouraged to contact the University Honors office for more detailed information.

Economics (ECON)

The Department of Economics offers two degree programs. The B.A. degree program provides students with a strong intuitive understanding of the role economic incentives play in shaping society, and in the role society plays in shaping incentives. The B.S. degree program, in addition, stresses statistical and quantitative methods used to model and evaluate human action, particularly as those actions are carried out by governments or businesses.

Both degree programs provide excellent preparation for employment in business, government, or the foreign service, for law school, or for graduate studies in business administration or in public policy studies. The B.S. degree program provides stronger preparation for graduate studies in economics.

The Department of Economics welcomes minors from any discipline. Some lower division economics courses can be used by nonmajors toward fulfilling the social sciences area requirement in the university's general education program. The department also participates in the interdisciplinary minors in black studies, Chinese/Japanese studies, environmental studies, international studies, and Latino/Latin American studies.

Department Requirement

The Department of Economics requires all economics majors to complete a capstone research paper in conjunction with ECON 492 or any other 400-level economics course. In this paper the student is expected to demonstrate a satisfactory ability to analyze an economic issue or problem and explain their findings effectively in writing. The research paper will be evaluated and jointly approved by the professor of the corresponding 400-level economics course and the director of undergraduate studies.

Economics Faculty

Carl M. Campbell III, Ph.D., Princeton University, professor, chair
Evan Anderson, Ph.D., University of Chicago, professor
Ai-ru Cheng, Ph.D., University of North Carolina, associate professor
Alexander Garivaltis, Ph.D. University of Minnesota, assistant professor
Jeremy Groves, Ph.D., Washington University, associate professor
Beth Ingram, Ph.D., University of Minnesota, professor
Anna Klis, Ph.D., University of Texas, assistant professor
Maria Ponomareva, Ph.D., Northwestern University, associate professor
Brian Richard, Ph.D., University of Southern Mississippi, faculty affiliate
George Slotsve, Ph.D., University of Wisconsin, professor
Norman Walzer, Ph.D., University of Illinois, faculty affiliate
Virginia Wilcox, Ph.D., Washington University, professor
Wei Zhang, Ph.D., University of Wisconsin, associate professor

Majors

Economics (B.A. or B.S.)

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Requirements in Department (34-37)

- ECON 260 - Principles of Microeconomics Credits: 3. *Available for General Education credit in the Society and Culture Domain.*
- ECON 261 - Principles of Macroeconomics Credits: 3. *Available for General Education credit in the Society and Culture Domain.*
- ECON 290 - Economic Data Analysis with Excel Credits: 1
- OR OMIS 324 - Introduction to Business Data Analytic Tools Credits: 3
- OR STAT 324X - Introduction to Business Data Analytic Tools Credits: 3
- ECON 360 - Intermediate Microeconomics Credits: 3
- ECON 361 - Intermediate Macroeconomics Credits: 3

For the B.A. Degree

- Select from economics courses at the 300 or 400 levels (21)

For the B.S. Degree

- ECON 390 - Basic Econometrics and Economic Applications Credits: 3
- ECON 390A - Basic Econometrics Laboratory Credits: 1
- Select from economics courses at the 300 or 400 levels (18)

Requirements outside Department (B.A., 3-16; B.S., 14-15)

For the B.A. degree

- Fulfillment of B.A. foreign language requirement (0-12). (See "Foreign Language Requirement for the B.A. Degree.")
- STAT 100 - Basic Statistics Credits: 3. *Available for Foundational Studies Quantitative Literacy Requirement. This course will not meet the Foundational Studies Quantitative Literacy Requirement without additional course requirements being met.*
    - OR STAT 200 - Elementary Statistics Credits: 4
    - OR UBUS 223 - Introduction to Business Statistics Credits: 3

For the B.S. degree

- CSCI 240 - Computer Programming in C++ Credits: 4
    - OR ECON 391 - Introduction to Quantitative Economics Credits: 3

One of the following groups (11)

Either

- MATH 210 - Finite Mathematics Credits: 3. *Available for Foundational Studies Quantitative Literacy Requirement.*
- MATH 211 - Calculus for Business and Social Science Credits: 4. *Available for Foundational Studies Quantitative Literacy Requirement.*
- STAT 200 - Elementary Statistics Credits: 4

Or

- MATH 229 - Calculus I Credits: 4. *Available for Foundational Studies Quantitative Literacy Requirement.*
- MATH 230 - Calculus II Credits: 4
- STAT 300 - Introduction to Probability and Statistics Credits: 3. *Available for Foundational Studies Quantitative Literacy Requirement. This course will not meet the Foundational Studies Quantitative Literacy Requirement without additional course requirements being met.*

Total Hours for a Major in Economics: 37-52 (B.A.) OR 50-52 (B.S.)

General Education Requirements (15-24)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-9)

- Writing Requirement (0-6)
- Oral Communication Requirement (0-3)
- Quantitative Literacy Requirements (0)
    - Satisfied by program requirements MATH 210, MATH 211 or MATH 229

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domain Requirements (15)

Creativity and Critical Analysis (6)

- Two 3-credit courses selected from approved general education list. Creativity and Creative Analysis Course List

Nature and Technology (6)

- Two 3-credit courses selected from approved general education list. Nature and Technology Course List

Society and Culture (0)

- 6 credit hours satisfied by required courses ECON 260 and ECON 261

Knowledge Domain Elective (3)

- One 3-credit course selected from approved general education list. General Education Course List

Graduation Requirements (6-9)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (0-3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (6)

- Two courses from the approved Writing Infused course list. Writing Infused Course List

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS: 21-33 (B.A.) or (B.S.)

TOTAL HOURS FOR ELECTIVES: 35-62 (B.A.) or 35-49 (B.S.)

TOTAL HOURS FOR A B.A. or B.S. DEGREE IN ECONOMICS (120)

Recommendations

The Department of Economics strongly recommends that students planning to pursue an advanced degree in economics select group 2 from the requirements outside the department. Such students are also urged to take:
ECON 490 - Economic Statistics and Econometrics Credits: 3
ECON 491 - Mathematical Methods for Economics Credits: 3

Emphasis 1. Financial Economics (B.S. only) (49-52)

The emphasis in financial economics is designed for students who wish to undertake a program of study in the economics of the financial sector. The requirements for the emphasis include all of the requirements for a B.S. in Economics in addition to courses specific to the economic analysis of financial activity.

Requirements in Department (35-37)

- ECON 260 - Principles of Microeconomics Credits: 3. *Available for General Education credit in the Society and Culture Domain.*
- ECON 261 - Principles of Macroeconomics Credits: 3. *Available for General Education credit in the Society and Culture Domain.*
- ECON 290 - Economic Data Analysis with Excel Credits: 1
  - OR OMIS 324 - Introduction to Business Data Analytic Tools Credits: 3
  - OR STAT 324X - Introduction to Business Data Analytic Tools Credits: 3
- ECON 340 - Financial Economics Credits: 3
- ECON 360 - Intermediate Microeconomics Credits: 3
- ECON 361 - Intermediate Macroeconomics Credits: 3
- ECON 390 - Basic Econometrics and Economic Applications Credits: 3
- ECON 390A - Basic Econometrics Laboratory Credits: 1
- ECON 393 - Introduction to Mathematical Methods in Economics Credits: 3
- ECON 442 - Introduction to Financial Engineering Credits: 3
- ECON 490 - Economic Statistics and Econometrics Credits: 3
- ECON 492 - Research Methods in Economics Credits: 3
- Select from economics courses at the 300- or 400-level (3)
- Recommended: ECON 460X - Financial Derivatives Credits: 3
  - OR ACSC 460 - Financial Derivatives Credits: 3

Requirements outside Department (14-15)

- CSCI 240 - Computer Programming in C++ Credits: 4
  - OR ECON 391 - Introduction to Quantitative Economics Credits: 3
- MATH 229 - Calculus I Credits: 4. *Available for Foundational Studies Quantitative Literacy Requirement.*
- MATH 230 - Calculus II Credits: 4
- STAT 300 - Introduction to Probability and Statistics Credits: 3. *Available for Foundational Studies Quantitative Literacy Requirement. This course will not meet the Foundational Studies Quantitative Literacy Requirement without additional course requirements being met.*

Total Hours for Emphasis 1, Financial Economics: 49-52 (B.S only)

General Education Requirements (15-24)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-9)

- Writing Requirement (0-6)
- Oral Communication Requirement (0-3)
- Quantitative Literacy Requirements (0)
    - Satisfied by program requirements MATH 210, MATH 211 or MATH 229

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domain Requirements (15)

Creativity and Critical Analysis (6)

- Two 3-credit courses selected from approved general education list. Creativity and Creative Analysis Course List

Nature and Technology (6)

- Two 3-credit courses selected from approved general education list. Nature and Technology Course List

Society and Culture (0)

- 6 credit hours satisfied by required courses ECON 260 and ECON 261

Knowledge Domain Elective (3)

- One 3-credit course selected from approved general education list. General Education Course List

Graduation Requirements (6-9)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (0-3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (6)

- Two courses from the approved Writing Infused course list. Writing Infused Course List

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS, EMPHASIS 1: 21-33 (B.S.)

TOTAL HOURS FOR ELECTIVES, EMPHASIS 1: 35-50 (B.S.)

TOTAL HOURS FOR A B.S. DEGREE IN ECONOMICS, EMPHASIS 1 (120)

Minor

Minor in Economics (18)

Check departmental information for any additional requirements.

Six or more semester hours in the minor must be taken at NIU.

Requirements (18)

- ECON 260 - Principles of Microeconomics Credits: 3. Available for general education credit.
- ECON 261 - Principles of Macroeconomics Credits: 3. Available for general education credit.
- Electives from economics courses at the 300 or 400 levels (12)

Educator Licensure

Educator Licensure - Social Sciences: Economics

Students who want to be licensed to teach economics at the secondary level must declare their intention to do so with the History and Social Sciences Educator Licensure Program at the earliest possible opportunity. Educator licensure involves significant requirements in addition to the completion of a degree in economics.

Admission

Students are admitted to the History and Social Sciences Educator Licensure Program when they have:

- established a file with the History and Social Sciences Educator Licensure Program and completed satisfactory reviews of progress each semester after establishment of the file;
- attained junior standing and completed at least 12 semester hours at NIU with a minimum GPA of 2.67;
- passed the Test of Academic Proficiency or equivalent recognized by the ISBE;
- completed at least 6 semester hours of economics at NIU and earned a minimum GPA of 3.00 in all economics courses taken at NIU;
- met all other Illinois State Board of Education (ISBE) requirements for admission to an educator licensure program; and
- obtained approval from the History and Social Sciences Educator Licensure Program.

Retention

Students admitted to the program must maintain program GPA requirements, display appropriate professional dispositions, and complete a satisfactory review of progress each semester with the History and Social Sciences Educator Licensure Program. Students must also pass any additional tests required by the ISBE for educator licensure such as the appropriate state Content Area Test (taken before student teaching) and the Teacher Performance Assessment (taken before program completion).

Department Requirements

Students must complete the requirements for a degree in economics. In addition, they must complete ECON 496X, History and Social Science Instruction for Secondary Education. Except in unusual circumstances, ECON 496X must be taken in the semester immediately prior to enrollment in student teaching and concurrently with the Third Clinical Secondary School Experience in History/Social Sciences.

- ECON 496X - History and Social Science Instruction for Secondary and Middle Grades Educators Credits: 3

Other Requirements

Students pursuing educator licensure must take additional, approved course work in history and the social sciences to acquire the broad-based, interdisciplinary knowledge required of secondary social studies educators. Students must also complete approved professional education course work in areas such as special education methods, content-area literacy, and teaching English-language learners. Contact the History and Social Sciences Educator Licensure Program for the current list of history, social science, and education courses approved for fulfilling these requirements.

Students must also complete a three-semester sequence of pre-student teaching clinical experiences, including HIST 401, Third Clinical Secondary School Experience in History/Social Sciences, as well as HIST 400, Student Teaching in History/Social Sciences for Secondary Educators. Except in unusual circumstances, students are admitted to HIST 400 only upon satisfactory completion of all other work required for graduation and licensure.

Students pursuing educator licensure must have a grade of C or better in all course work specifically required for licensure. Higher number courses may be substituted if approved by the department.

The History and Social Sciences Educator Licensure Program complies with all ISBE rules as they relate to licensure as outlined in Title 23, Part 25 of the Illinois Administrative Code and all other applicable state laws and university requirements. Students should consult with the History and Social Sciences Educator Licensure Program to determine the necessary requirements to obtain educator licensure.

Placement

The History and Social Sciences Educator Licensure Program cannot guarantee geographic area, subject area, or availability of placements for clinical experiences including student teaching. All placements are arranged through the College of Liberal Arts and Sciences Office of School Partnerships and Placements.

The Degree with Honors

Economics Degree with Honors

The following are the minimum requirements for a degree with honors in economics. The degree with honors designation will be added to the transcript for every graduating senior who meets the requirements.

- A minimum GPA of 3.00 in all work.
- A 3.50 GPA or above in economics courses.
- Completion of all requirements for an economics major
- A score of 90% or higher on the capstone research paper.

The University Honors Program is separate but complementary to the departmental degree with honors. Eligible students may participate in one or both programs simultaneously since there is some overlap in the requirements. Students interested in the University Honors Program are encouraged to contact the University Honors office for more detailed information.

Accelerated Integrated Degree

Accelerated B.A. or B.S./J.D. Program in Economics and the College of Law

Admission

The six-year integrated sequence leads to either the B.A. or B.S. in Economics and J.D. degrees. Students who wish to complete this program must identify themselves to the Department of Economics as majors who wish to complete the Accelerated Program. All undergraduates who major in economics and have completed at least 90 credit hours of undergraduate coursework with a minimum GPA of 3.25 are eligible to apply to NIU's College of Law under the special provisions of this program. As part of the application to the College of Law, applicants must take the LSAT and receive a score at or above previous year's matriculating law class median. Students are encouraged to apply to the program as early as possible during their junior year. Admission will be on a competitive basis, and the likelihood of admission will depend on the number and quality of applicants to the program, the number and quality of applicants to the College of Law in general, as well as other factors normally considered in admissions decisions by the College of Law.

Curriculum

Students must complete all the requirements for the Economics B.A. or B.S. degree as well as all general education requirements (90 credit hours in total) by the end of their junior year. Beginning with the first semester of their senior year, students will start taking classes at the College of Law. These courses will count toward the final 30 credits of the undergraduate degree. The final two years of the program will follow the standard College of Law timetable.

Accelerated B.S./M.A. Program in Economics

Admission

This program leads to both the B.S. and M.A. in Economics degrees. Students who wish to participate in this program should identify themselves to the Department of Economics as majors who will complete the requirements for the B.S. degree having taken the calculus option (MATHS 229, MATH 230, and STAT 350). Ideally students will express their interest during their junior year and have completed or be in the process of completing ECON 360, ECON 361, and ECON 390.

Students who are interested in this program and have completed or are in the process of completing ECON 360, ECON 361, ECON 390, MATH 230, and STAT 350 should apply to the Economics M.A. program under the special provisions of this program and in consultation with the Director of Graduate Studies in Economics by the end of their junior year. Students must meet all the degree and application requirements and deadlines given by the Graduate School. Students who have completed the courses MATH 229, MATH 230, STAT 350, and ECON 390 with a grade of B or better may request that the GRE requirement for admission to the M.A. program be waived by the Department of Economics.

Students wishing to take part in this program should be aware of all the regulations and restrictions of accelerated baccalaureate/master's degree programs as outlined in the NIU Graduate School Catalog under the heading of Early Admission of NIU Undergraduates; and Admission to Accelerate Baccalaureate/Master's Degree Programs.

Curriculum

Students must complete all general education requirements and MATH 229, MATH 230, STAT 350, ECON 360, ECON 361, and ECON 390 by the end of their junior year. During their senior year, students will take ECON 590 in the fall semester and 9 semester hours from 500-level elective courses spread across the two semesters of their senior year. If additional electives are taken before completion of the B.S. requirements, only 18 credit hours of these courses may be counted toward the elective requirements for the B.S. degree in Economics. Students are encouraged to enroll in ECON 592 to fulfill their capstone requirement and as a stepping stone toward their M.A. research paper, which is necessary to complete the M.A. degree. Upon receiving their undergraduate degree, students will then enroll in ECON 591, ECON 660, and ECON 661 in the fall semester, ECON 690 and ECON 692 in the spring semester, and be allowed to register for 600- and 700-level elective courses. Upon completion of the course and research paper requirements outlined in the Graduate Catalog for the M.A. in Economics Degree program, the students shall earn the M.A. in Economics.

Students who are part of this accelerated B.S./M.A. in Economics program are not bound by the College of Liberal Arts and Sciences policy that prohibits students from earning more than 60 credit hours in their major.

English (ENGL)

The Department of English offers a major leading to the choice of a B.A. or B.S. degree. The English major enables students with a love of literature, rhetoric, language, and writing to advance their analytical, research, and communicative skills. The major readies students for a competitive job market in a global economy. English majors may choose one of three tracks: Studies in Literature, Language, and Film; Secondary Licensure in English Language Arts; or Studies in Writing. Advisers will help students plan their curricula according to students' professional interests.

In the English B.A., knowledge of a foreign language prepares students for advanced studies, careers in translation, and intercultural business communication. The English B.A. also

prepares future teachers to interact with English language learners and their families.

In the English B.S., students can combine their knowledge of science, technology, engineering, and math with the kinds of excellent reading, writing, and speaking skills that employers value most highly.

A certificate of undergraduate study in Creative Writing is available for students in English or other majors.

The department supports several minors. The Literature minor may focus on a particular topic, historical period, or genre such as the novel, short story, play, poetry, or nonfiction. The Linguistics minor includes courses offering a range of approaches to the study of the nature of human language; the Cognitive Science minor offers courses with interdisciplinary approaches to the nature of knowledge and thought. The department participates with the Department of Communication in offering a minor in Professional Communication and with the Department of World Languages and Cultures in offering a minor in Comparative Literature. The department also participates in offering interdisciplinary minors with Black Studies; Classical Studies; Latin American Studies; and Women, Gender, and Sexuality Studies.

A concentration in Medieval Studies exploring the historical, cultural, and literary roots and languages of the era is available.

The department offers an honors program for its majors and regularly offers courses for the University Honors Program. Several English courses can be used by non-majors toward fulfilling the humanities and the arts area requirement in the university's general education program. A maximum of two approved general education courses in the student's major department may be used to fulfill general education requirements. (A course with an affiliated laboratory course shall be counted as a single course.)

Department Requirements

All students graduating with a BA or BS degree in English will complete a comprehensive core of coursework in the following areas:

- Introduction to Literary Study
- English Grammar
- Analytical Writing
- Literature to 1660
- Literature 1660-1900
- Literature 1900-present
- Diverse Literatures

The GPA in the English major and minor is calculated by using all and only those English courses at NIU numbered 110 or higher, specifically excluding Foundational Studies in English composition (ENGL 103, ENGL 203, and ENGL 204). These foundational courses are not counted toward the maximum of 60 hours allowed in a single department, as described in "Special Requirements in the College of Liberal Arts and Sciences."

Students with a major or minor in English must demonstrate competence in the fundamentals of English grammar by successfully completing ENGL 207 or by passing the Grammar Exemption Exam (GEE). Teacher licensure candidates in English cannot be exempt from ENGL 207 through the GEE. Students who pass the GEE will be required to substitute another English course at the 100-400 level, taken at NIU or elsewhere, to complete the 39 required semester hours in the major or the 18 semester hours required in the minor. Failing to pass the GEE necessitates that a student successfully complete ENGL 207.

English Faculty

Lara Crowley, Ph.D., University of Maryland, professor, chair
Melissa Adams-Campbell, Ph.D., Indiana University, associate professor
Gulsat Aygen, Ph.D., Harvard University, Distinguished Teaching Professor
William Baker, Ph.D., University of London, Distinguished Research Professor, Board of Trustees Professor, professor emeritus
Scott Balcerzak, Ph.D., University of Florida, professor
Alexandra G. Bennett, Ph.D., Brandeis University, professor
Betty J. Birner, Ph.D., Northwestern University, professor
Joseph W. Bonomo, Ph.D.,Ohio University, professor
Nicole Clifton, Ph.D., Cornell University, professor
Timothy Crowley, Ph.D., University of Maryland, associate professor
Michael J. Day, Ph.D., University of California, Berkeley, professor
Deborah C. De Rosa, Ph.D., University of North Carolina at Chapel Hill, associate professor
Susan E. Deskis, Ph.D., Harvard University, professor emeritus
Jeffrey Einboden, Ph.D., University of Cambridge, Presidential Research, Scholarship, and Artistry Professor
Philip E. Eubanks, Ph.D., University of Illinois, professor emeritus
Ibis Gómez-Vega, Ph.D., University of Houston, associate professor
David Gorman, Ph.D., Columbia University, associate professor
Ryan Hibbett, Ph.D., Southern Illinois University, associate professor
Elizabeth A. Kahn, PhD., University of Chicago, associate professor
John V. Knapp, Ph.D., University of Illinois, professor emeritus
Amy K. Levin, Ph.D., City University of New York, professor emeritus
Doris M. Macdonald, Ph.D., Louisiana State University, associate professor emeritus
Brian T. May, Ph.D., University of Virginia, professor
Thomas McCann, Ph.D., University of Chicago, professor
Amy Newman, Ph.D., Ohio University, Distinguished Research Professor, Board of Trustees Professor
Bradley T. Peters, Ph.D., University of Iowa, professor
Kathleen Renk, Ph.D., University of Iowa, professor emeritus

Jessica L. Reyman, Ph.D., University of Minnesota, professor
Timothy Ryan, Ph.D., University of Nevada-Reno, professor
John D. Schaeffer, Ph.D., St. Louis University, professor emeritus
Diana L. Swanson, Ph.D., University of Minnesota, professor emeritus
Mark W. Van Wienen, Ph.D., University of Illinois, professor

Majors

English (B.A. or B.S.)

The student learning outcomes for the English B.A. and B.S. degrees are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Track 1. English Studies in Literature, Language, and Film

Studies in Literature, Language, and Film traces the development of British, American, and world culture and thought, from the earliest years to the most recent. Students focusing on Track 1 will also have opportunity for study in the analysis of language and of film. This track leads to many career possibilities where the ability to read closely, interpret productively, think critically, and speak and write persuasively are essential skills.

Requirements in Department (39)

- ENGL 200 - Literary Study: Research and Criticism Credits: 3
- ENGL 207 - Fundamentals of English Grammar Credits: 3

One of the following Analytical Writing courses (3)

- ENGL 300 - Advanced Essay Composition Credits: 3 A. General
- ENGL 300 - Advanced Essay Composition Credits: 3 B. Pre-Law
- ENGL 300 - Advanced Essay Composition Credits: 3 C. Licensure in Teaching.
  ENGL 300A, B, and C are writing infused courses.
- ENGL 304 - Writing About the Arts Credits: 3
- ENGL 305 - Writing Literary Criticism Credits: 3
- ENGL 308 - Technical Writing Credits: 3. *ENGL 308 is a writing infused course.*

Two of the following Literature to 1660 courses (6)

- ENGL 337 - Western Literature: Classical and Medieval Credits: 3. *ENGL 337 is a writing infused course.*
- ENGL 340 - The Bible as Literature Credits: 3. *ENGL 340 is available for general education credit in the Creativity and Critical Analysis Domain.*
- ENGL 405 - Early English Literature Credits: 3. *ENGL 405 is a writing infused course.*
- ENGL 406 - Chaucer Credits: 3. *ENGL 406 is a writing infused course.*
- ENGL 407 - Shakespeare Credits: 3. *ENGL 407 is a writing infused course.*
- ENGL 408 - The English Renaissance: 1500-1603 Credits: 3. *ENGL 408 is a writing infused course.*
- ENGL 409 - Milton Credits: 3. *ENGL 409 is a writing infused course.*
- ENGL 410 - 17th Century English Literature: 1603-1660 Credits: 3. *ENGL 410 is a writing infused course.*
- ENGL 420 - Arthurian Literature Credits: 3. *ENGL 420 is a writing infused course.*

Two of the following Literature 1660-1900 courses (6)

- ENGL 330 - American Literature to 1830 Credits: 3. *ENGL 330 is a writing infused course. ENGL 330 also fulfills the Human Diversity Requirement.*
- ENGL 331 - American Literature: 1830-1860 Credits: 3. *ENGL 331 is a writing infused course.*
- ENGL 332 - American Literature: 1860-1910 Credits: 3. *ENGL 332 is a writing infused course. ENGL 332 also fulfills the Human Diversity Requirement.*
- ENGL 338 - Western Literature: Renaissance to 1900 Credits: 3
- ENGL 412 - Restoration and 18th Century English Literature Credits: 3. *ENGL 412 is a writing infused course.*
- ENGL 413 - The Romantic Period Credits: 3
- ENGL 414 - The Victorian Age Credits: 3. *ENGL 414 is a writing infused course.*
- ENGL 470 - The English Novel to 1900 Credits: 3. *ENGL 470 is writing infused course.*

One of the following Literature since 1900 courses (3)

- ENGL 333 - American Literature: 1910-1960 Credits: 3. *ENGL 333 is a writing infused course. ENGL 333 also fulfills the Human Diversity Requirement.*
- ENGL 334 - American Literature: 1960-Present Credits: 3. *ENGL 334 is a writing infused course. ENGL 334 also fulfills the Human Diversity Requirement.*
- ENGL 339 - Recent Western Literature Credits: 3
- ENGL 363 - Film and Literature Credits: 3. *ENGL 363 is a writing infused course.*
- ENGL 376 - American Drama Since 1900 Credits: 3. *ENGL 376 is a writing infused course.*
- ENGL 377 - American Poetry Since 1900 Credits: 3. *ENGL 377 is a writing infused course.*

- ENGL 471 - The English Novel Since 1900 Credits: 3. *ENGL 471 is a writing infused course.*
- ENGL 475 - British Poetry Since 1900 Credits: 3. *ENGL 475 is a writing infused course.*
- ENGL 476 - British Drama Since 1900 Credits: 3. *ENGL 476 is a writing infused course*

One of the following Diverse Literatures courses (3)

- ENGL 335 - World Literature Credits: 3. *ENGL 335 is a writing infused course. ENGL 335 fulfills the Human Diversity Requirement.*
- ENGL 381 - Multicultural American Literature Credits: 3. *ENGL 381 is a writing infused course. ENGL 381 fulfills the Human Diversity Requirement.*
- ENGL 382 - Women Writers: The Tradition in English Credits: 3. *ENGL 382 is a writing infused course. ENGL 382 also fulfills the Human Diversity Requirement.*
- ENGL 383 - Gay and Lesbian Literature Credits: 3. *ENGL 383 also fulfills the Human Diversity Requirement.*
- ENGL 474 - The International Short Story Credits: 3. *ENGL 474 is a writing infused course.*
- ENGL 477 - Postcolonial and New Literatures in English Credits: 3. *ENGL 477 fulfills the Human Diversity Requirement.*

One additional English course at the 300-400 level in literature, language, or film (3)

Three additional English courses at the 300-400 level (9)

Requirements outside Department (B.A., 0-12; B.S., 12-17)

For the B.A. Degree
Fulfillment of B.A. foreign language requirement (0-12)
See "Foreign Language Requirement for the B.A. Degree" in the Other Graduation Requirements section of this catalog.

For the B.S. Degree
Laboratory science/mathematical/computational skills sequence (12-17). See "College Requirement for the B.S. Degree" in the Other Graduation Requirements section of this catalog.

Total Hours for a Major in English, Track 1: 39-51 (B.A.); 51-56 (B.S.)

General Education Requirements (12-36)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-15)

Writing Requirement (0-6)
Oral Communication Requirement (0-3)
Quantitative Literacy Requirements (0-6)

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domain Requirements (12-21)

Creativity and Critical Analysis (3-6)

- ENGL 340, a program elective, satisfies 3-credit hours in this Domain*.
- One or Two 3-credit hour courses selected from approved general education list. Creativity and Creative Analysis Course List

Nature and Technology (3-6)

- ENGL 261X or ILAS 261, program electives, satisfies 3-credit hours in this Domain*.
- One or Two 3-credit hour courses selected from approved general education list. Nature and Technology Course List

Society and Culture (3-6)

- ENGL 318, a program elective, satisfies 3-credit hours in this Domain*.
- One or Two 3-credit hour courses selected from approved general education list. Society and Culture Course List

Knowledge Domain Elective (3)

- One 3-credit course from the approved general education list in any Domain.

*** The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department.**

Graduation Requirements (0-6)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (0-3)

- ENGL 335, ENGL 381, ENGL 382, ENGL 434X, and ENGL 477; program electives, satisfy 3-credit hours.
- If no satisfying electives are taken, one course from the approved Human Diversity course list; may also be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (0-3)

- One 3-credit course satisfied by the Literature to 1660 course requirements.
- One 3-credit course from program electives or from the approved Writing Infused course list. Writing Infused Course List

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS: 12-42

TOTAL HOURS FOR ELECTIVES: 27-69 (B.A.); 22-57 (B.S.)

TOTAL HOURS FOR A B.A. or B.S. DEGREE IN ENGLISH; Track 1: English Studies in Literature, Language, and Film (120)

Track 2. English Studies Leading to Secondary Licensure in English Language Arts

Studies leading to Secondary Licensure in English Language Arts prepares students to teach grades 9-12. Students interested in teaching English Language Arts in grades 5-8 should consult an advisor in the Department of Curriculum and Instruction. Students from other subject areas may choose to fulfill the requirements for educator licensure in English Language Arts as an additional endorsement.

Candidates for Secondary Licensure in English Language Arts (grades 9-12) must complete a minimum of 40 hours in English, pass all tests required by the State of Illinois, and complete a clinical sequence and student teaching.

English majors who seek licensure to teach English Language Arts at the secondary level should consult with the coordinator of the English licensure program at the earliest possible date. Undergraduate majors normally apply for admission to the program at the end of the sophomore year, except in the case of transfer students, who normally apply during their first semester at NIU. Students who already possess the baccalaureate or higher degree and wish to pursue licensure without becoming a candidate for a degree should consult the coordinator of educator licensure in English as early as possible.

Admission Requirements

Completion of Foundational Studies in English composition (ENGL 103 and ENGL 203, or ENGL 204), oral communication, and quantitative literacy with a grade of C or better in each course used to satisfy these requirements.

A cumulative GPA of at least 2.75 based on a minimum of 15 semester hours of NIU course work.

Completion of at least 9 semester hours of English at NIU, which must include ENGL 200, ENGL 207, and ENGL 300C. Educator licensure candidates must earn a minimum grade of B- in ENGL 300C and a minimum grade of C in other English courses.

Required overall NIU English GPA is 3.00.

Written application and satisfactory interview with the program coordinator.

Retention

Candidates for secondary licensure in English Language Arts must maintain a minimum GPA of 2.75 in all work at NIU plus a minimum GPA of 3.00 in English course work at NIU beyond ENGL 103-ENGL 203 or ENGL 204. Candidates must obtain a grade of B or better in ENGL 404, ENGL 479, ENGL 480, and ENGL 482, and have a satisfactory review of progress with the coordinator each semester. Courses listed below are aligned with Illinois Professional Teaching Standards and the National Council of Teachers of English standards for preparation of teachers of Secondary English Language Arts. Teacher licensure candidates should save appropriate evidence of content-area knowledge for their pre-service portfolio.

Requirements in Department (40-52)

ENGL 404, ENGL 479, ENGL 480, ENGL 482, and ENGL 485 must be taken in sequence. ENGL 480 and ENGL 482 must be taken in the semester immediately prior to enrollment in ENGL 485. Licensure candidates are admitted to ENGL 485 only upon application, review of their academic record and professional disposition, and satisfactory completion of all other work required for graduation, including all other work in the major.

- ENGL 200 - Literary Study: Research and Criticism Credits: 3
- ENGL 207 - Fundamentals of English Grammar Credits: 3
- ENGL 300 - Advanced Essay Composition Credits: 3. C. Licensure in Teaching. *ENGL 300 is a writing infused course.*
- ENGL 322 - Language in American Society Credits: 3. *ENGL 322 is a writing infused course. ENGL 322 also fulfills the Human Diversity Requirement.*
- ENGL 337 - Western Literature: Classical and Medieval Credits: 3

- ENGL 404 - Theory and Research in Written Composition Credits: 3. A. English Language Arts. *ENGL 404 is a writing infused course.*
- ENGL 407 - Shakespeare Credits: 3. *ENGL 407 is a writing infused course.*
- ENGL 479 - Theory and Research in Literature for English Language Arts Credits: 3. *ENGL 479 is a writing infused course.*
- ENGL 480 - Materials and Methods of Teaching English Language Arts Credits: 3. A. At the Secondary Level. *ENGL 480 is a writing infused course.*
- ENGL 482 - Clinical Experience in English Language Arts Credits: 1-2. *ENGL 482 is a writing infused course.*
- ENGL 485 - Student Teaching in Secondary English Language Arts Credits: 7-12. *ENGL 485 is a writing infused course.*

One of the following Literature 1660-1900 courses (3)

- ENGL 330 - American Literature to 1830 Credits: 3. *ENGL 330 is a writing infused course. ENGL 330 also fulfills the Human Diversity Requirement.*
- ENGL 331 - American Literature: 1830-1860 Credits: 3. *ENGL 331 is a writing infused course.*
- ENGL 332 - American Literature: 1860-1910 Credits: 3. *ENGL 332 is a writing infused course. ENGL 332 also fulfills the Human Diversity Requirement.*
- ENGL 338 - Western Literature: Renaissance to 1900 Credits: 3
- ENGL 412 - Restoration and 18th Century English Literature Credits: 3. *ENGL 412 is a writing infused course.*
- ENGL 413 - The Romantic Period Credits: 3
- ENGL 414 - The Victorian Age Credits: 3. *ENGL 414 is a writing infused course.*
- ENGL 470 - The English Novel to 1900 Credits: 3. *ENGL 470 is a writing infused course.*

One of the following Literature since 1900 courses (3)

- ENGL 333 - American Literature: 1910-1960 Credits: 3 *ENGL 333 is a writing infused course. ENGL 333 also fulfills the Human Diversity Requirement.*
- ENGL 334 - American Literature: 1960-Present Credits: 3 *ENGL 334 is a writing infused course. ENGL 334 also fulfills the Human Diversity Requirement.*
- ENGL 339 - Recent Western Literature Credits: 3
- ENGL 363 - Film and Literature Credits: 3 *ENGL 363 is a writing infused course.*
- ENGL 376 - American Drama Since 1900 Credits: 3 *ENGL 376 is a writing infused course.*
- ENGL 377 - American Poetry Since 1900 Credits: 3 *ENGL 377 is a writing infused course.*
- ENGL 471 - The English Novel Since 1900 Credits: 3 *ENGL 471 is a writing infused course.*
- ENGL 475 - British Poetry Since 1900 Credits: 3 *ENGL 475 is a writing infused course.*
- ENGL 476 - British Drama Since 1900 Credits: 3 *ENGL 476 is a writing infused course.*

One of the following Diverse Literatures courses (3)

- ENGL 335 - World Literature Credits: 3 *ENGL 335 is a writing infused course. ENGL 335 fulfills the Human Diversity Requirement.*
- ENGL 381 - Multicultural American Literature Credits: 3 *ENGL 381 is a writing infused course. ENGL 381 fulfills the Human Diversity Requirement.*
- ENGL 382 - Women Writers: The Tradition in English Credits: 3 *ENGL 382 is a writing infused course. ENGL 382 also fulfills the Human Diversity Requirement.*
- ENGL 383 - Gay and Lesbian Literature Credits: 3 *ENGL 383 also fulfills the Human Diversity Requirement.*
- ENGL 474 - The International Short Story Credits: 3 *ENGL 474 is a writing infused course.*
- ENGL 477 - Postcolonial and New Literatures in English Credits: 3 *ENGL 477 fulfills the Human Diversity Requirement.*

One additional course in ENGL at the 300-400 level (3)

Requirements outside Department (B.A., 0-12; B.S., 12-17)

For the B.A. Degree

Fulfillment of B.A. foreign language requirement (0-12). See "Foreign Language Requirement for the B.A. Degree" in the Other Graduation Requirements section of this catalog.

Students seeking licensure should consult the coordinator as early as possible.

For the B.S. Degree

Laboratory science/mathematical/computational skills sequence (12-17). See "College Requirement for the B.S. Degree" in the Other Graduation Requirements section of this catalog.

Additional Requirements

The Illinois State Board of Education (ISBE) requires a minimum of 100 clock hours of substantial, varied, and sequential clinical experiences prior to student teaching. This requirement may be satisfied by successfully completing the following courses.

- ILAS 201 - Introductory Clinical Experience Credits: 1 (must be taken concurrently with ENGL 404)
- ILAS 301 - Second Clinical Experience Credits: 1 (must be taken concurrently with ENGL 479)

- ENGL 482 - Clinical Experience in English Language Arts Credits: 1-2 (must be taken concurrently with ENGL 480.) Students must take 1 credit hour in this course

Also Required

The ISBE and requirements for educator licensure in English Language Arts at NIU also specify that candidates in Track 2 must earn a grade of C or better for each course included in required professional course work in reading instruction, human growth and development, and teaching of English Language Learners and exceptional children. Candidates should consult with the coordinator in English licensure to determine which courses satisfy these additional requirements outside the department.

In addition, candidates for secondary licensure in English must pass the Illinois examination for licensure in English Language Arts content and the Teacher Performance Assessment (edTPA).

Requirements for Educator Licensure in English Language Arts as an Additional Endorsement (24)

The ISBE specifies that candidates earn a grade of C or better in each course required for educator licensure and pass the Illinois examination for licensure in English Language Arts content.

This additional endorsement will also satisfy the requirement for an English minor. The candidate must apply to the coordinator of teacher licensure in English to declare the English minor. It is strongly recommended that students pursuing this endorsement follow this program of study.

- ENGL 200 - Literary Study: Research and Criticism Credits: 3
- ENGL 207 - Fundamentals of English Grammar Credits: 3
- ENGL 300 - Advanced Essay Composition Credits: 3 C. Licensure in Teaching. *ENGL 300 is a writing infused course.*
- ENGL 315 - Readings in Shakespeare Credits: 3 *Available for general education credit in the Creativity and Critical Analysis Domain. ENGL 315 is a writing infused course. This is a creativity and critical analysis general education course for the Origins and Influences Pathway.*
- OR ENGL 407 - Shakespeare Credits: 3 *ENGL 407 is a writing infused course.*
- A 300- or 400-level course in British literature (3)
- A 300- or 400-level course in American literature (3)
- ENGL 404 - Theory and Research in Written Composition Credits: 3 *ENGL 404 is a writing infused course.*
- ENGL 479 - Theory and Research in Literature for English Language Arts Credits: 3 *ENGL 479 is a writing infused course.*

Total Hours for a Major in English, Track 2: 40-52 (B.A.); 52-57 (B.S.)

General Education Requirements (21-36)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-15)

- Writing Requirement (0-6)
- Oral Communication Requirement (0-3)
- Quantitative Literacy Requirements (0-6)

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domain Requirements (21)

Creativity and Critical Analysis (6)

- Two 3-credit hour courses selected from approved general education list. Creativity and Creative Analysis Course List

Nature and Technology (6)

- Two 3-credit hour courses selected from approved general education list. Nature and Technology Course List

Society and Culture (6)

- Two 3-credit hour courses selected from approved general education list. Society and Culture Course List

Knowledge Domain Elective (3)

- One 3-credit course from the approved general education list in any Domain.

Graduation Requirements (0-3)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (0-3)

- ENGL 335, ENGL 381, ENGL 382, ENGL 477, program electives, satisfies 3-credit hours.
- If no satisfying electives are taken, one course from the approved Human Diversity course list; may also be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (0)

- Requirements satisfied by the Requirements in Department coursework.

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS: 21-39

TOTAL HOURS FOR ELECTIVES: 29-59 (B.A.); 24-47 (B.S.)

TOTAL HOURS FOR A B.A. or B.S. DEGREE IN ENGLISH; Track 2: English Studies Leading to Secondary Licensure in English Language Arts (120)

Track 3. English Studies in Writing

Studies in Writing offers courses in creative writing as well as professional and technical writing. Students will ground their writing in a substantive understanding of language analysis, literary analysis, literary history, critical thinking, and the major literary genres. Students are encouraged to balance technical writing and creative writing classes to assemble a portfolio that demonstrates to prospective employers their fullest range of writing practices. Students serious about a writing career should also consult with advisers about internship opportunities in professional writing and editing on campus or with local businesses, companies, and organizations. Students may also earn the certificate of undergraduate study in Creative Writing.

Requirements in Department (39)

- ENGL 200 - Literary Study: Research and Criticism Credits: 3
- ENGL 207 - Fundamentals of English Grammar Credits: 3

One of the following Analytical Writing courses (3)

- ENGL 300 - Advanced Essay Composition Credits: 3 A. General
- ENGL 300 - Advanced Essay Composition Credits: 3 B. Pre-Law
- ENGL 300 - Advanced Essay Composition Credits: 3 C. Licensure in Teaching. *ENGL 300 A. B. and C are writing infused courses.*
- ENGL 304 - Writing About the Arts Credits: 3 *ENGL 304 is a writing infused course.*
- ENGL 305 - Writing Literary Criticism Credits: 3 *ENGL 305 is a writing infused course.*
- ENGL 308 - Technical Writing Credits: 3 *ENGL 308 is a writing infused course.*

Four of the following Writing Courses (12)

- ENGL 300 - Advanced Essay Composition Credits: 3 A. General
- ENGL 300 - Advanced Essay Composition Credits: 3 B. Pre-Law
- ENGL 300 - Advanced Essay Composition Credits: 3 C. Licensure in Teaching.
- *ENGL 300 A. B. and C are writing infused courses.*
- ENGL 301 - Writing Poetry I Credits: 3 *ENGL 301 is a writing infused course.*
- ENGL 302 - Writing Fiction I Credits: 3 *ENGL 302 is a writing infused course.*
- ENGL 303 - Writing Creative Nonfiction I Credits: 3 *ENGL 303 is a writing infused course.*
- ENGL 304 - Writing About the Arts Credits: 3 *ENGL 304 is a writing infused course.*
- ENGL 305 - Writing Literary Criticism Credits: 3 *ENGL 305 is a writing infused course.*
- ENGL 308 - Technical Writing Credits: 3 *ENGL 308 is a writing infused course.*
- ENGL 350 - Writing across the Curriculum Credits: 3 *ENGL 350 is available for general education credit in the Creativity and Critical Analysis Domain. ENGL 350 is a writing infused course.*
- ENGL 398 - Topics in Writing Studies Credits: 3
- ENGL 401 - Writing Poetry II Credits: 3 *ENGL 401 is a writing infused course.*
- ENGL 402 - Writing Fiction II Credits: 3 *ENGL 402 is a writing infused course.*
- ENGL 403 - Technical Editing Credits: 3 *ENGL 403 is a writing infused course.*
- ENGL 424 - Topics in Technical Writing Credits: 1-3 Students must enroll in this course for 3 semester hours. *ENGL 424 is a writing infused course.*
- ENGL 426 - Digital Writing Credits: 3 *ENGL 426 is a writing infused course.*
- ENGL 493 - Writing Creative Nonfiction II Credits: 3 *ENGL 493 is a writing infused course.*
- ENGL 496 - Internship in Writing, Editing, or Training Credits: 1-6 Students must enroll in this course for 3 semester hours.

One of the following Literature to 1660 courses (3)

- ENGL 337 - Western Literature: Classical and Medieval Credits: 3 *ENGL 337 is a writing infused course.*
- ENGL 340 - The Bible as Literature Credits: 3 *ENGL 340 is available for general education credit in the Creativity and Critical Analysis Domain.*
- ENGL 405 - Early English Literature Credits: 3 *ENGL 405 is a writing infused course.*
- ENGL 406 - Chaucer Credits: 3 *ENGL 406 is a writing infused course.*
- ENGL 407 - Shakespeare Credits: 3 *ENGL 407 is a writing infused course.*
- ENGL 408 - The English Renaissance: 1500-1603 Credits: 3 *ENGL 408 is a writing infused course.*
- ENGL 409 - Milton Credits: 3 *ENGL 409 is a writing infused course.*
- ENGL 410 - 17th Century English Literature: 1603-1660 Credits: 3 *ENGL 410 is a writing infused course.*
- ENGL 420 - Arthurian Literature Credits: 3 *ENGL 420 is a writing infused course.*

One of the following Literature 1660-1900 courses (3)

- ENGL 330 - American Literature to 1830 Credits: 3 *ENGL 330 is a writing infused course. ENGL 330 also fulfills the Human Diversity Requirement.*
- ENGL 331 - American Literature: 1830-1860 Credits: 3 *ENGL 331 is a writing infused course.*
- ENGL 332 - American Literature: 1860-1910 Credits: 3 *ENGL 332 is a writing infused course. ENGL 332 also fulfills the Human Diversity Requirement.*
- ENGL 338 - Western Literature: Renaissance to 1900 Credits: 3
- ENGL 412 - Restoration and 18th Century English Literature Credits: 3 *ENGL 412 is a writing infused course.*
- ENGL 413 - The Romantic Period Credits: 3
- ENGL 414 - The Victorian Age Credits: 3 *ENGL 414 is a writing infused course.*
- ENGL 470 - The English Novel to 1900 Credits: 3 *ENGL 470 is a writing infused course.*

One of the following Literature since 1900 courses (3)

- ENGL 333 - American Literature: 1910-1960 Credits: 3 *ENGL 333 is a writing infused course. ENGL 333 also fulfills the Human Diversity Requirement.*
- ENGL 334 - American Literature: 1960-Present Credits: 3 *ENGL 334 is a writing infused course. ENGL 334 also fulfills the Human Diversity Requirement.*
- ENGL 339 - Recent Western Literature Credits: 3
- ENGL 363 - Film and Literature Credits: 3 *ENGL 363 is a writing infused course.*
- ENGL 376 - American Drama Since 1900 Credits: 3 *ENGL 376 is a writing infused course.*
- ENGL 377 - American Poetry Since 1900 Credits: 3 *ENGL 377 is a writing infused course.*
- ENGL 471 - The English Novel Since 1900 Credits: 3 *ENGL 471 is a writing infused course.*
- ENGL 475 - British Poetry Since 1900 Credits: 3 *ENGL 475 is a writing infused course.*
- ENGL 476 - British Drama Since 1900 Credits: 3 *ENGL 476 is a writing infused course.*

One of the following Diverse Literatures courses (3)

- ENGL 335 - World Literature Credits: 3 *ENGL 335 is a writing infused course. ENGL 335 fulfills the Human Diversity Requirement.*
- ENGL 381 - Multicultural American Literature Credits: 3 *ENGL 381 is a writing infused course. ENGL 381 fulfills the Human Diversity Requirement.*
- ENGL 382 - Women Writers: The Tradition in English Credits: 3 *ENGL 382 is a writing infused course. ENGL 382 also fulfills the Human Diversity Requirement.*
- ENGL 383 - Gay and Lesbian Literature Credits: 3 *ENGL 383 also fulfills the Human Diversity Requirement.*
- ENGL 474 - The International Short Story Credits: 3 *ENGL 474 is a writing infused course.*
- ENGL 477 - Postcolonial and New Literatures in English Credits: 3 *ENGL 477 fulfills the Human Diversity Requirement.*

Two additional courses in ENGL at the 300-400 level (6)

In addition to the required 39 credit hours of ENGL coursework, students in the writing track may be interested in the following writing courses. Students should consult with the English department adviser about selecting courses outside the department.

- COMS 300 - Speech Writing Credits: 3
- COMS 355 - Media Writing Credits: 3 *COMS 355 is a writing infused course.*
- COMS 466 - Narrative Scriptwriting Credits: 3 *COMS 466 is a writing infused course.*
- JOUR 301 - Article Writing Credits: 3 *JOUR 301 is a writing infused course.*
- JOUR 302 - News Reporting Credits: 3 *JOUR 302 is a writing infused course.*
- JOUR 401 - Editorial and Opinion Writing Credits: 3 *JOUR 401 is a writing infused course.*
- THEA 481 - Playwriting I Credits: 3
- THEA 482 - Playwriting Studio Credits: 3 *THEA 482 is a writing infused course.*

Requirements outside Department (B.A., 0-12; B.S., 12-17)

For the B.A. Degree
Fulfillment of B.A. foreign language requirement (0-12)
See "Foreign Language Requirement for the B.A. Degree" in the Other Graduation Requirements section of this catalog.

For the B.S. Degree
Laboratory science/mathematical/computational skills sequence (12-17)
See "College Requirement for the B.S. Degree" in the Other Graduation Requirements section of this catalog.

Total Hours for a Major in English, Track 3: 39-51 (B.A.) or 51-56 (B.S.)

General Education Requirements (18-36)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-15)

- Writing Requirement (0-6)
- Oral Communication Requirement (0-3)
- Quantitative Literacy Requirements (0-6)

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domain Requirements (18-21)

Creativity and Critical Analysis (0-6)

- ENGL 340, a program elective, satisfies 3-credit hours of this Domain.
- ENGL 350, a program elective, satisfies 3-credit hours of this Domain.
- Depending on program electives selected, zero, one, or two 3-credit hour courses selected from approved general education list. Creativity and Creative Analysis Course List

Nature and Technology (6)

- Two 3-credit hour courses selected from approved general education list. Nature and Technology Course List

Society and Culture (6)

- Two 3-credit hour courses selected from approved general education list. Society and Culture Course List

Knowledge Domain Elective (3)

- One 3-credit course from the approved general education list in any Domain.

Graduation Requirements (0-3)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (0-3)

- ENGL 335, ENGL 381, ENGL 382, ENGL 477, program electives, satisfies 3-credit hours.
- If no satisfying electives are taken, one course from the approved Human Diversity course list; may also be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (0)

- Requirements satisfied by the Requirements in Department coursework.

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS: 18-39

TOTAL HOURS FOR ELECTIVES: 30-63 (B.A.); 25-51 (B.S.)

TOTAL HOURS FOR A B.A. or B.S. DEGREE IN ENGLISH; Track 3: English Studies in Writing (120)

Minor

Minor in English (18)

Students with a major or minor in English must demonstrate competence in the fundamentals of English grammar by successfully completing ENGL 207 or by passing an exemption examination.

The minor in English is designed to allow students majoring in other fields to supplement their studies in a manner that best meets their needs and interests. Possibilities include a general survey of British and American literature, a focus on a single period or genre, a focus in writing or linguistics, or some other coherent selection of courses.

Six or more semester hours in the minor must be taken at NIU.

Requirements (18)

- ENGL 200 - Literary Study: Research and Criticism Credits: 3
- ENGL 207 - Fundamentals of English Grammar Credits: 3

One of the following analytical writing courses (3)

☐ ENGL 300 - Advanced Essay Composition Credits: 3
ENGL 300 is a writing infused course.
☐ ENGL 304 - Writing About the Arts Credits: 3
☐ ENGL 305 - Writing Literary Criticism Credits: 3
☐ ENGL 308 - Technical Writing Credits: 3
ENGL 308 is a writing infused course.

Three additional courses at the 300-400 level (9)

Certificate of Undergraduate Study

Creative Writing (12)

This certificate is designed to provide interested students the opportunity to study the craft of writing poetry, fiction, or creative nonfiction. Students in any baccalaureate degree program who have at least sophomore standing and a GPA of 2.00 or better can complete the requirements for the certificate. Students must select a single genre, and register with one of the coordinators of creative writing for approval of the program of study.

Each student will take four three-credit, upper-level (300 or higher) courses, including the introductory and advanced workshops in sequence in the chosen genre, one course in reading and analysis of the literature of that genre, and one course (excluding workshop) in a second genre.

The introductory and advanced workshop (in sequence) in the chosen genre, which serve as the foundational courses.

Foundational courses:

☐ ENGL 301 - Writing Poetry I Credits: 3
ENGL 301 is a writing infused course.
☐ AND ENGL 401 - Writing Poetry II Credits: 3
ENGL 401 is a writing infused course.
☐ OR ENGL 302 - Writing Fiction I Credits: 3
ENGL 302 is a writing infused course.
☐ AND ENGL 402 - Writing Fiction II Credits: 3
ENGL 402 is a writing infused course.
☐ OR ENGL 303 - Writing Creative Nonfiction I Credits: 3
ENGL 303 is a writing infused course.
☐ AND ENGL 493 - Writing Creative Nonfiction II Credits: 3
ENGL 493 is a writing infused course.

Two from the following:

One course must be in your selected genre, and one must be from outside your selected genre.

☐ ENGL 304 - Writing About the Arts Credits: 3
☐ ENGL 374 - The American Short Story Credits: 3
ENGL 374 is a writing infused course.
☐ ENGL 375 - The American Novel Credits: 3
ENGL 375 is a writing infused course.
☐ ENGL 377 - American Poetry Since 1900 Credits: 3
ENGL 377 is a writing infused course.
☐ ENGL 384 - Literary Nonfiction Credits: 3
ENGL 384 is a writing infused course.
☐ ENGL 471 - The English Novel Since 1900 Credits: 3
ENGL 471 is a writing infused course.
☐ ENGL 475 - British Poetry Since 1900 Credits: 3
ENGL 475 is a writing infused course.
☐ ENGL 400 - Literary Topics Credits: 3
(As applicable)
Students may take 3-6 semester hours in this course.

The Degree with Honors

English Degree with Honors

Students in the University Honors Program are automatically eligible for English honors work, as are students who have at least a 3.00 GPA in their English courses. Students who wish to earn a baccalaureate degree with honors in English must graduate with a minimum GPA of 3.50 in the English major and complete 12 semester hours or more of English honors work (including ENGL 497) with a GPA of at least 3.20 in those courses.

Departmental degree with honors is separate but complementary to the University Honors Program. Eligible students may participate in one or both programs simultaneously since there is some overlap in the requirements. Interested students are encouraged to contact the University Honors program for more detailed information.

Writing Courses

☐ ENGL 102 - Composition Skills Credits: 3
☐ ENGL 103 - Rhetoric and Composition I Credits: 3
☐ ENGL 203 - Rhetoric and Composition II, Researched Writing in the Domains Credits: 3
☐ ENGL 204 - Rhetoric and Composition, Accelerated Researched Writing in the Domains Credits: 3
☐ ENGL 300 - Advanced Essay Composition Credits: 3
☐ ENGL 301 - Writing Poetry I Credits: 3
☐ ENGL 302 - Writing Fiction I Credits: 3
☐ ENGL 303 - Writing Creative Nonfiction I Credits: 3
☐ ENGL 304 - Writing About the Arts Credits: 3
☐ ENGL 305 - Writing Literary Criticism Credits: 3
☐ ENGL 308 - Technical Writing Credits: 3
☐ ENGL 350 - Writing across the Curriculum Credits: 3
☐ ENGL 398 - Topics in Writing Studies Credits: 3
☐ ENGL 401 - Writing Poetry II Credits: 3
☐ ENGL 402 - Writing Fiction II Credits: 3
☐ ENGL 403 - Technical Editing Credits: 3
☐ ENGL 424 - Topics in Technical Writing Credits: 1-3
☐ ENGL 426 - Digital Writing Credits: 3
☐ ENGL 451 - ESL Rhetoric and Composition I Credits: 0
☐ ENGL 452 - ESL Rhetoric and Composition II Credits: 0

☐ ENGL 453 - ESL Rhetoric and Composition Credits: 0
☐ ENGL 493 - Writing Creative Nonfiction II Credits: 3
☐ ENGL 494 - Writing Center Practicum Credits: 1-3
☐ ENGL 495 - Practicum in English Credits: 1-3
☐ ENGL 496 - Internship in Writing, Editing, or Training Credits: 1-6

Language and Linguistics Courses

☐ ENGL 207 - Fundamentals of English Grammar Credits: 3
☐ ENGL 261X - Language, Mind, and Thought Credits: 3
☐ ENGL 318 - Exploring Human Language Credits: 3
☐ ENGL 320 - History of the English Language Credits: 3
☐ ENGL 321 - Structure of Modern English Credits: 3
☐ ENGL 322 - Language in American Society Credits: 3
☐ ENGL 432 - Topics in General Linguistics Credits: 3
☐ ENGL 433 - Meaning Credits: 3
☐ ENGL 434X - Language and Gender Credits: 3

Courses Leading to Licensure in English Language Arts

☐ ENGL 404 - Theory and Research in Written Composition Credits: 3
☐ ENGL 479 - Theory and Research in Literature for English Language Arts Credits: 3
☐ ENGL 480 - Materials and Methods of Teaching English Language Arts Credits: 3
☐ ENGL 482 - Clinical Experience in English Language Arts Credits: 1-2
☐ ENGL 485 - Student Teaching in Secondary English Language Arts Credits: 7-12

Literature Courses

☐ ENGL 110 - Literature and Popular Culture Credits: 3
☐ ENGL 115 - British Identities, British Literature Credits: 3
☐ ENGL 116 - American Identities, American Literature Credits: 3
☐ ENGL 117 - Literature of Social Justice Credits: 3
☐ ENGL 200 - Literary Study: Research and Criticism Credits: 3
☐ ENGL 307 - Drama and Conflict Credits: 3
☐ ENGL 309 - Popular Genres Credits: 3
☐ ENGL 310 - Ideas and Ideals in World Literature Credits: 3
☐ ENGL 311 - Transformative Poetry Credits: 3
☐ ENGL 315 - Readings in Shakespeare Credits: 3
☐ ENGL 330 - American Literature to 1830 Credits: 3
☐ ENGL 331 - American Literature: 1830-1860 Credits: 3
☐ ENGL 332 - American Literature: 1860-1910 Credits: 3
☐ ENGL 333 - American Literature: 1910-1960 Credits: 3
☐ ENGL 334 - American Literature: 1960-Present Credits: 3
☐ ENGL 335 - World Literature Credits: 3
☐ ENGL 337 - Western Literature: Classical and Medieval Credits: 3
☐ ENGL 338 - Western Literature: Renaissance to 1900 Credits: 3
☐ ENGL 339 - Recent Western Literature Credits: 3
☐ ENGL 340 - The Bible as Literature Credits: 3
☐ ENGL 360 - Literature and Other Disciplines Credits: 3
☐ ENGL 361 - Literature of Health Care Credits: 3
☐ ENGL 363 - Film and Literature Credits: 3
☐ ENGL 374 - The American Short Story Credits: 3
☐ ENGL 375 - The American Novel Credits: 3
☐ ENGL 376 - American Drama Since 1900 Credits: 3
☐ ENGL 377 - American Poetry Since 1900 Credits: 3
☐ ENGL 378 - Native American Literatures Credits: 3
☐ ENGL 379 - Latina/Latino American Literatures Credits: 3
☐ ENGL 380 - African American and Black Diasporic Literatures Credits: 3
☐ ENGL 381 - Multicultural American Literature Credits: 3
☐ ENGL 382 - Women Writers: The Tradition in English Credits: 3
☐ ENGL 383 - Gay and Lesbian Literature Credits: 3
☐ ENGL 384 - Literary Nonfiction Credits: 3
☐ ENGL 385 - Diverse Literatures Special Topics Credits: 3
☐ ENGL 399 - Topics in American Literature Credits: 3
☐ ENGL 400 - Literary Topics Credits: 3
☐ ENGL 405 - Early English Literature Credits: 3
☐ ENGL 406 - Chaucer Credits: 3
☐ ENGL 407 - Shakespeare Credits: 3
☐ ENGL 408 - The English Renaissance: 1500-1603 Credits: 3
☐ ENGL 409 - Milton Credits: 3
☐ ENGL 410 - 17th Century English Literature: 1603-1660 Credits: 3
☐ ENGL 412 - Restoration and 18th Century English Literature Credits: 3
☐ ENGL 413 - The Romantic Period Credits: 3
☐ ENGL 414 - The Victorian Age Credits: 3
☐ ENGL 420 - Arthurian Literature Credits: 3
☐ ENGL 470 - The English Novel to 1900 Credits: 3
☐ ENGL 471 - The English Novel Since 1900 Credits: 3
☐ ENGL 474 - The International Short Story Credits: 3
☐ ENGL 475 - British Poetry Since 1900 Credits: 3
☐ ENGL 476 - British Drama Since 1900 Credits: 3
☐ ENGL 477 - Postcolonial and New Literatures in English Credits: 3
☐ ENGL 483 - Renaissance Literature Credits: 3
☐ ENGL 489 - European Novel Credits: 3
☐ ENGL 499 - Topics in English Literature Credits: 3

General

☐ ENGL 490 - Senior Seminar in English Studies Credits: 3
☐ ENGL 497 - Directed Study Credits: 1-3
☐ ENGL 491 - Honors Directed Study Credits: 3
☐ ENGL 498 - Topics in English Studies Credits: 1-3

Accelerated Integrated Degree

Accelerated B.A. or B.S./J.D. Program in English and the College of Law

Admission

The accelerated program leads to both the B.A. or B.S. in English and J.D. degree. Students who want to complete this program must identify themselves to the English department as majors who wish to complete the accelerated program. Undergraduates who major in English and have completed at least 90 semester hours of undergraduate course work (including all general education and major requirements) with a minimum GPA of 3.25 are eligible to apply for admission to NIU's College of Law under the special provisions of this program. As part of the application to the College of Law, applicants must take the LSAT and must

receive a score at or above the 50th percentile of the previous year's matriculating law class. Students are encouraged to apply to the program as early as possible during their junior year. Admission will be on a competitive basis, and the likelihood of admission will depend on the number and quality of the applicants to the program, the number and quality of applicants to the College of Law in general, as well as other factors normally considered in admissions decisions by the College of Law.

Curriculum

Students must complete all the requirements of the English B.A. degree as well as all general education requirements by the end of their junior year. Students accepted into the College of Law pursuant to the special provisions of this program will matriculate in the College of Law in the fall of their senior year. Up to 30 hours of law courses will count toward the final 30 credits of the undergraduate degree. The final two years of the program will follow the standard College of Law timetable.

Environmental Studies (ENVS)

Environmental Studies seeks to (1) evaluate the nature and magnitude of environmental and climatic change at local, regional, and global scales; (2) understand and explore solutions to energy challenges; and (3) assess the impact of environmental, climatic, and energy challenges on society and contribute toward the development of a public policy that promotes sustainability.

Environmental Studies offers both a B.A. and a B.S. degree for a major in environmental studies. The major in environmental studies is designed primarily for students seeking a career in identifying the causes, scales, and remediation and mitigation approaches to major local, regional, and global environmental problems. Each student must complete the required courses of the major along with an emphasis field. Courses used to satisfy the requirements for the major may have prerequisites that are not part of the major curriculum. Several university departments participate in the major in environmental studies including anthropology, biological sciences, geographic and atmospheric sciences, geology and environmental geosciences, history, industrial and systems engineering, philosophy, political science, sociology, and technology.

Environmental Studies Faculty

Melissa Lenczewski, Ph.D., University of Tennessee, professor in Geology and Environmental Geosciences; Presidential Engagement and Partnerships Professor, Director
Holly Jones, Ph.D., Yale University, associate professor in Biological Sciences
Colin Kuehl, Ph.D., University of California, Santa Barbara, assistant professor in Political Science
Kevin Martin, Ph.D., Missouri University of Science and Technology, associate professor in Engineering Technology
Emily McKee, Ph.D., University of Michigan, associate professor in Anthropology

Majors

Environmental Studies (B.A. or B.S.)

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Requirements in Environmental Studies (19)

- ENVS 100 - Exploring the Environmental Studies Major Credits: 1
- ENVS 301 - Environmental Science I: Physical Systems Credits: 3
- ENVS 302 - Environmental Science II: Biological Systems Credits: 3
- ENVS 303 - Environment in the Social Sciences and Humanities Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- ENVS 304 - Environmental Law, Policy, and Economics Credits: 3
- ENVS 305X - Green Technologies Credits: 3
- OR TECH 245 - Pollution Prevention and Sustainable Production Credits: 3 For Bachelor of Arts Students only.

Three semester hours from the following (3)

- ENVS 450 - Issues in Environmental Studies Credits: 3-6
- ENVS 490 - Undergraduate Research Credits: 1-3
- ENVS 491 - Special Topics in Environmental Studies Credits: 1-3
- ENVS 492 - Internship in Environmental Studies Credits: 1-6
- ENVS 498 - Senior Thesis Credits: 1-3
- ENVS 499 - Senior Thesis: Honors Credits: 1-3

Requirements outside Environmental Studies (B.A., 9-22; B.S., 16-20)

For the B.A. degree

Fulfillment of foreign language requirement (0-12)
(See "Foreign Language Requirement for the B.A. Degree.")

- CHEM 100 - Chemistry in Everyday Life Credits: 3
  - OR CHEM 110 - Chemistry Credits: 3
  - OR ISYE 100 - Fundamentals of Manufacturing Systems Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- MATH 110 - College Algebra Credits: 3
  - OR MATH 105 - College Algebra with Review Credits: 3
    - AND MATH 104 - Supplemental Review for College Algebra Credits: 1
  - OR MATH 155 - Trigonometry and Elementary Functions Credits: 3
  - OR MATH 211 - Calculus for Business and Social Science Credits: 4
  - STAT 100 - Basic Statistics Credits: 3
  - OR STAT 200 - Elementary Statistics Credits: 4

For the B.S. degree

- CHEM 210 - General Chemistry I Credits: 3
- CHEM 211 - General Chemistry II Credits: 3
- CHEM 212 - General Chemistry Laboratory I Credits: 1
- CHEM 213 - General Chemistry Laboratory II Credits: 1
- MATH 211 - Calculus for Business and Social Science Credits: 4
  - OR MATH 229 - Calculus I Credits: 4
    - AND MATH 230 - Calculus II Credits: 4
- STAT 200 - Elementary Statistics Credits: 4

Emphasis 1. Biodiversity and Environmental Restoration (32-38)

The diversity of life on earth (Biodiversity) represents a resource of unknown potential for improving human welfare that is increasingly put at risk by human activities. Perhaps the most significant challenge of the 21st century is to resolve how to best utilize this resource while providing effective stewardship such that biodiversity resources are maintained for future generations. Meeting this challenge requires a detailed understanding of the processes that promote, maintain, and diminish biodiversity at all levels of biological organization, from molecules to ecosystems, a theme that unites the many subdisciplines within biology. Organisms are intimately connected to their environments and environments vary on multiple spatial and temporal scales. Hence, utilization and stewardship of biodiversity requires understanding its connection to both natural and human-induced environmental change. This emphasis is offered for the B.S. only.

Requirements outside Environmental Studies (11)

- BIOS 103 - General Biology Credits: 3
  - AND BIOS 105 - General Biology Laboratory Credits: 1
  - OR BIOS 209 - Fundamentals of Organismal Biology Credits: 3
  - AND BIOS 211 - Fundamentals of Organismal Biology Laboratory Credits: 1
- BIOS 406 - Conservation Biology Credits: 4
  - OR BIOS 407 - Restoration Ecology Credits: 3
- GEOG 455 - Land-Use Planning Credits: 3
  - OR GEOG 403 - Soils and Environmental Land Use Planning Credits: 3

Select one of the following humanities and social sciences courses (3)

- ANTH 420 - Waterworlds Credits: 3 *ANTH 420 also fulfills the Human Diversity Requirement.*
  - OR ENVS 420X - Waterworlds Credits: 3 *ENVS 420X also fulfills the Human Diversity Requirement.*
- ANTH 423 - Environmental Anthropology of the Middle East: Cultural and Political Ecologies Credits: 3 *ANTH 423 also fulfills the Human Diversity Requirement.*
- ANTH 425 - Environment and Anthropology Credits: 3 ANTH 425 is a writing infused course.
  - OR ENVS 425X - Environment and Anthropology Credits: 3 *ENVS 425X is a writing infused course.*
- ANTH 432 - Nature and the Environment Across Cultures Credits: 3
  - OR ENVS 432X - Nature and the Environment across Cultures Credits: 3
- ANTH 466 - Resource Conflicts and Environmental Peacebuilding Credits: 3
  - OR ENVS 466X - Resource Conflicts and Environmental Peacebuilding Credits: 3
- ECON 186 - Introduction to Environmental Economics Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
  - OR ENVS 186X - Introduction to Environmental Economics Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- ECON 386 - Environmental Economics Credits: 3
- HIST 377 - American Environmental History Credits: 3 *Available for General Education credit in the Nature and Technology Domain.* HIST 377 fulfills the Human Diversity Requirement.
- HIST 389 - Global Climate History Credits: 3 *HIST 389 is a writing infused course.*
- MGMT 311 - Social Entrepreneurship Credits: 3 *Available for General Education credit in the Creativity and Critical Analysis Domain.*
- PHIL 334 - Animal Ethics Credits: 3
- PHIL 335 - Environmental Ethics Credits: 3
- PHIL 337 - Business Ethics Credits: 3
- PHIL 338 - Philosophy of Food Credits: 3
- POLS 220 - Introduction to Public Policy Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- POLS 324 - Politics of Environmental Health and Safety Regulation Credits: 3 *POLS 324 is a writing infused course.*

- WGSS 435 - Gender and the Environment Credits: 3 *WGSS 435 also fulfills the Human Diversity Requirement.*
    - OR ENVS 435X - Gender and the Environment Credits: 3 *ENVS 435X also fulfills the Human Diversity Requirement.*

Electives (18-24)

Students must select six electives. The electives are divided into three categories and students must select at least one course (up to a total of four courses) from each of the following: conceptually-based courses, methods-based courses, and taxonomically-based courses.

Select between one to four of the following conceptually-based courses (3-15)

- ANTH 343 - Extinction: Where the Wild Things Were Credits: 3
    - OR ENVS 343X - Extinction: Where the Wild Things Were Credits: 3
- ANTH 444 - Primate Ecology and Conservation Credits: 3 *ANTH 444 is a writing infused course.*
    - OR ENVS 444X - Primate Ecology and Conservation Credits: 3 *ENVS 444X is a writing infused course.*
- ANTH 445 - Primate Evolution Credits: 3
    - OR BIOS 435X - Primate Evolution Credits: 3
- ANTH 449 - Primates and Food Credits: 3
- BIOS 317 - Evolution Credits: 3
- BIOS 406 - Conservation Biology Credits: 4
- BIOS 433 - Behavioral Ecology Credits: 3
- BIOS 439 - Molecular Evolution Credits: 3
- BIOS 487 - Conservation Genetics Credits: 3
- GEOG 306 - Severe and Hazardous Weather Credits: 3
- GEOG 422 - Plant-Soil Interactions Credits: 4
- GEOG 453 - Environmental Management Credits: 3
- GEOL 320 - Environments and Life Through Time Credits: 4
    - OR GEOL 322 - Paleogeography, Paleoclimatology, Paleoecology Credits: 4
- GEOL 488 - Environmental Change Credits: 3

Select between one to four of the following methods-based courses (3-15)

- ANTH 311 - Archaeology of Food Credits: 3
    - OR ENVS 311X - Archaeology of Food Credits: 3
- ANTH 410 - Environmental Archaeology Credits: 3
- BIOS 407 - Restoration Ecology Credits: 3
- BIOS 412 - Mycology Credits: 4
- CHEM 427 - Environmental Chemistry Credits: 3
- ENVS 409 - Water Quality Credits: 4
    - OR BIOS 409X - Water Quality Credits: 4
    - OR GEOL 409X - Water Quality Credits: 4
    - OR PHHE 409X - Water Quality Credits: 4
- GEOG 302 - Soil Science Credits: 3
- GEOG 359 - Introduction to Geographic Information Systems Credits: 3
- GEOG 368 - Climate Change: Science, Impacts, and Mitigation Credits: 3
- GEOG 403 - Soils and Environmental Land Use Planning Credits: 3
- GEOG 406 - Natural Hazards and Environmental Risk Credits: 3
- GEOG 413 - Forest Ecology and Management Credits: 3
- GEOG 490 - Community Geography Credits: 3
- GEOL 390 - Introduction to Groundwater Credits: 3
- GEOL 421 - Environmental Geochemistry Credits: 3
- GEOL 477 - Field Methods in Environmental Geosciences Credits: 4 *GEOL 477 is a writing infused course.*
- MET 430 - Micrometeorology Credits: 3
- STAT 300 - Introduction to Probability and Statistics Credits: 3

Select between one to four of the following taxonomically-based courses (3-16)

- ANTH 341 - Primatology Credits: 3
    - OR BIOS 341X - Primatology Credits: 3
- BIOS 305 - Biology of Land Plants Credits: 4
- BIOS 430 - Plant Systematics Credits: 4
- BIOS 453 - Entomology Credits: 3
- BIOS 456 - Biology of Fishes, Amphibians, and Reptiles Credits: 4
- BIOS 457 - Biology of Birds and Mammals Credits: 4
- BIOS 458 - Vertebrate Paleontology Credits: 3
    - OR GEOL 458X - Vertebrate Paleontology Credits: 3
- GEOL 468 - Geomicrobiology Credits: 3
    - OR BIOS 468X - Geomicrobiology Credits: 3
- GEOL 470 - Invertebrate Paleontology Credits: 3
    - OR BIOS 469X - Invertebrate Paleontology Credits: 3
- GEOL 471 - Introduction to Micropaleontology Credits: 3
    - OR BIOS 466X - Introduction to Micropaleontology Credits: 3

Emphasis 2. Energy Studies (37-38)

This emphasis combines courses in the colleges of Liberal Arts and Sciences and Engineering and Engineering Technology and will introduce students to the world of green technology and energy related issues. The focus of the emphasis includes, but is not limited to, green concepts in power production, processing, manufacturing, ecologically friendly materials, and transportation. Students will also take courses on the humanities and social sciences to better

understand the role that energy plays in society. This emphasis is offered for the B.S. only.

Requirements outside Environmental Studies (13)

- GEOG 453 - Environmental Management Credits: 3
- MATH 155 - Trigonometry and Elementary Functions Credits: 3 *Available for General Education credit in the Foundational Studies Quantitative Literacy Requirement.*
- PHYS 150 - Physics Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
  - AND PHYS 151 - Physics Laboratory Credits: 1 *Available for General Education credit in the Nature and Technology Domain.*
  - OR PHYS 210 - General Physics I Credits: 4 *Available for General Education credit in the Nature and Technology Domain.*
  - OR PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4 *Available for General Education credit in the Nature and Technology Domain.*
- TECH 417 - Design for Energy Efficiency and Green Materials Credits: 3

Select three of the following technology/engineering-based courses (9)

- TECH 245 - Pollution Prevention and Sustainable Production Credits: 3
- TECH 411 - Environmental Sustainability Practices for Industrial Operations Credits: 3
- TECH 419 - Energy Auditing Credits: 3
- TECH 445 - Industrial Energy Utilization and Environmental Impacts Credits: 3
- TECH 484 - Energy Management Credits: 3

Select three of the following applications and natural science-based courses (9-10)

- BIOS 106 - Environmental Biology Credits: 3
- CHEM 427 - Environmental Chemistry Credits: 3
- ENVS 409 - Water Quality Credits: 4
  - OR BIOS 409X - Water Quality Credits: 4
  - OR GEOL 409X - Water Quality Credits: 4
  - OR PHHE 409X - Water Quality Credits: 4
- GEOG 256 - Maps and Mapping Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- GEOG 359 - Introduction to Geographic Information Systems Credits: 3
- GEOG 368 - Climate Change: Science, Impacts, and Mitigation Credits: 3
- GEOG 406 - Natural Hazards and Environmental Risk Credits: 3
- GEOG 459 - Geographic Information Systems Credits: 3
- GEOL 421 - Environmental Geochemistry Credits: 3
- GEOL 425 - Engineering Geology Credits: 3
- GEOL 496 - Geophysics Credits: 3
- MET 430 - Micrometeorology Credits: 3

Select one of the following humanities and social sciences courses (3)

- ANTH 420 - Waterworlds Credits: 3 *ANTH 420 also fulfills the Human Diversity Requirement.*
  - OR ENVS 420X - Waterworlds Credits: 3 *ENVS 420X also fulfills the Human Diversity Requirement.*
- ANTH 423 - Environmental Anthropology of the Middle East: Cultural and Political Ecologies Credits: 3 *ANTH 423 also fulfills the Human Diversity Requirement.*
- ANTH 425 - Environment and Anthropology Credits: 3 *ANTH 425 is a writing infused course.*
  - OR ENVS 425X - Environment and Anthropology Credits: 3 *ENVS 425X is a writing infused course.*
- ANTH 432 - Nature and the Environment Across Cultures Credits: 3
  - OR ENVS 432X - Nature and the Environment across Cultures Credits: 3
- ANTH 464 - Disasters without Borders Credits: 3
  - OR NNGO 464X - Disasters without Borders Credits: 3
- ANTH 466 - Resource Conflicts and Environmental Peacebuilding Credits: 3
  - OR ENVS 466X - Resource Conflicts and Environmental Peacebuilding Credits: 3
- ECON 186 - Introduction to Environmental Economics Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
  - OR ENVS 186X - Introduction to Environmental Economics Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- ECON 386 - Environmental Economics Credits: 3
- GEOG 253 - Environment and Society Credits: 3
- GEOG 425 - Geography of Food and Agriculture Credits: 3
- GEOG 455 - Land-Use Planning Credits: 3
- HIST 377 - American Environmental History Credits: 3 *Available for General Education credit in the Nature and Technology Domain. HIST 377 also fulfills the Human Diversity Requirement.*
- HIST 389 - Global Climate History Credits: 3 *HIST 389 is a writing infused course.*
- MGMT 311 - Social Entrepreneurship Credits: 3 *Available for General Education credit in the Creativity and Critical Analysis Domain.*
- PHIL 334 - Animal Ethics Credits: 3
- PHIL 335 - Environmental Ethics Credits: 3
- PHIL 337 - Business Ethics Credits: 3
- PHIL 338 - Philosophy of Food Credits: 3

Select one of the following law/policy courses (3)

- POLS 220 - Introduction to Public Policy Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- POLS 324 - Politics of Environmental Health and Safety Regulation Credits: 3 *POLS 324 is a writing infused course.*

Emphasis 3. Nature in Society (30-31)

In this emphasis, students will study environmental issues through time and from diverse perspectives, preparing them to better understand and critically assess contemporary environmental challenges. The emphasis gives students broad exposure to how the environment is represented and researched in the social sciences and humanities. Throughout the emphasis, students will critically examine the notion of sustainability as a potential principle underlying and guiding human interaction with the environment. Students will investigate local and global manifestations of environmental problems and explore how rural/urban linkages influence sustainability.

Requirements outside Environmental Studies (15)

Select one of the following humanities courses (3)

- ARTH 361 - History of Sustainable Design Credits: 3 *ARTH 361 is a writing infused course. Available for General Education credit in the Society and Culture Domain.*
    - OR ENVS 361X - History of Sustainable Design Credits: 3 *ENVS 361X is a writing infused course. Available for General Education credit in the Society and Culture Domain.*
- HIST 377 - American Environmental History Credits: 3 *Available for General Education credit in the Nature and Technology Domain. HIST 377 also fulfills the Human Diversity Requirement.*
- PHIL 334 - Animal Ethics Credits: 3
- PHIL 335 - Environmental Ethics Credits: 3
- PHIL 338 - Philosophy of Food Credits: 3
- WGSS 201 - Global Gender Issues Credits: 3 *Available for General Education credit in the Society and Culture Domain. WGSS 201 also fulfills the Human Diversity Requirement.*
- WGSS 435 - Gender and the Environment Credits: 3 *WGSS 435 also fulfills the Human Diversity Requirement.*
    - OR ENVS 435X - Gender and the Environment Credits: 3 *ENVS 435X also fulfills the Human Diversity Requirement.*

Select one of the following social sciences courses (3)

- ANTH 420 - Waterworlds Credits: 3
    - OR ENVS 420X - Waterworlds Credits: 3
- ANTH 425 - Environment and Anthropology Credits: 3 *ANTH 425 is a writing infused course.*
    - OR ENVS 425X - Environment and Anthropology Credits: 3 *ENVS 425X is a writing infused course.*
- ECON 386 - Environmental Economics Credits: 3
- MGMT 311 - Social Entrepreneurship Credits: 3 *Available for General Education credit in the Creativity and Critical Analysis Domain.*

Select one of the following policy courses (3)

- GEOG 453 - Environmental Management Credits: 3
- PHIL 351 - Social and Political Philosophy Credits: 3 *PHIL 351 also fulfills the Human Diversity Requirement.*
- POLS 324 - Politics of Environmental Health and Safety Regulation Credits: 3 *POLS 324 is a writing infused course.*
- POLS 330 - Bureaucracy and the Public Policy Process Credits: 3
    - OR PSPA 330X - Bureaucracy and the Public Policy Process Credits: 3

Select two of the following communication and writing courses (6)

- COMS 304 - Persuasion Credits: 3
- COMS 355 - Media Writing Credits: 3 *COMS 355 is a writing infused course.*
- COMS 361 - Business and Professional Communication Credits: 3
- COMS 362 - Intercultural Communication Credits: 3 *Available for General Education credit in the Society and Culture Domain. COMS 362 also fulfills the Human Diversity Requirement.*
- COMS 419 - Political Communication in America Credits: 3 *COMS 419 is a writing infused course.*
- ENGL 303 - Writing Creative Nonfiction I Credits: 3 *ENGL 303 is a writing infused course.*
- ENGL 308 - Technical Writing Credits: 3 *ENGL 308 is a writing infused course.*
- ENGL 403 - Technical Editing Credits: 3 *ENGL 403 is a writing infused course.*
- JOUR 335 - Principles of Public Relations Credits: 3
- JOUR 350 - Environment, Health, and the Media Credits: 3 *Available for General Education credit in the Creativity and Critical Analysis Domain.*
- JOUR 360 - Public Relations Writing Credits: 3 *JOUR 360 is a writing infused course.*
- JOUR 401 - Editorial and Opinion Writing Credits: 3 *JOUR 401 is a writing infused course.*

Electives (15-16)

Students must select at least five of the following electives from at least four different departments in the social sciences and humanities.

Select at least two of the following social science courses (6)

- ANTH 343 - Extinction: Where the Wild Things Were Credits: 3
    - OR ENVS 343X - Extinction: Where the Wild Things Were Credits: 3
- ANTH 363 - Globalization and Corporate Cultures Credits: 3
- ANTH 404 - Peoples and Cultures of the Caribbean Credits: 3
- ANTH 420 - Waterworlds Credits: 3
    - OR ENVS 420X - Waterworlds Credits: 3
- ANTH 423 - Environmental Anthropology of the Middle East: Cultural and Political Ecologies Credits: 3
- ANTH 425 - Environment and Anthropology Credits: 3 *ANTH 425 is a writing infused course.*
    - OR ENVS 425X - Environment and Anthropology Credits: 3 *ENVS 425X is a writing infused course.*
- ANTH 432 - Nature and the Environment Across Cultures Credits: 3
    - OR ENVS 432X - Nature and the Environment across Cultures Credits: 3
- ANTH 444 - Primate Ecology and Conservation Credits: 3 *ANTH 444 is a writing infused course.*
    - OR ENVS 444X - Primate Ecology and Conservation Credits: 3 *ENVS 444X is a writing infused course.*
- ANTH 464 - Disasters without Borders Credits: 3
    - OR NNGO 464X - Disasters without Borders Credits: 3
- ANTH 466 - Resource Conflicts and Environmental Peacebuilding Credits: 3
    - OR ENVS 466X - Resource Conflicts and Environmental Peacebuilding Credits: 3
- ANTH 491 - Current Topics in Anthropology Credits: 3 Course taught on an intermittent basis and will count towards ENVS when the topic is appropriate.
- ECON 186 - Introduction to Environmental Economics Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
    - OR ENVS 186X - Introduction to Environmental Economics Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- ECON 386 - Environmental Economics Credits: 3
- GEOG 303 - Water Resources and the Environment Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- GEOG 425 - Geography of Food and Agriculture Credits: 3
- GEOG 430 - Population Geography Credits: 3
- GEOG 453 - Environmental Management Credits: 3
- GEOG 455 - Land-Use Planning Credits: 3
- MGMT 311 - Social Entrepreneurship Credits: 3 *Available for General Education credit in the Creativity and Critical Analysis Domain.*
- NNGO 429 - International NGOs and Globalization Credits: 3 *NNGO 429 is a writing infused course. NNGO 429 also fulfills the Human Diversity Requirement.*
    - OR ANTH 429X - International NGOs and Globalization Credits: 3 *ANTH 429X is a writing infused course. ANTH 429X also fulfills the Human Diversity Requirement.*
    - OR SOCI 329X - International NGOs and Globalization Credits: 3 *SOCI 329X is a writing infused course. SOCI 329X also fulfills the Human Diversity Requirement.*
- POLS 306 - The Mass Media in American Politics Credits: 3
- POLS 324 - Politics of Environmental Health and Safety Regulation Credits: 3 *POLS 324 is a writing infused course.*
- POLS 330 - Bureaucracy and the Public Policy Process Credits: 3
    - OR PSPA 330X - Bureaucracy and the Public Policy Process Credits: 3
- POLS 389 - International Law and Organization Credits: 3
- SOCI 379 - Collective Behavior and Social Movements Credits: 3
- SOCI 386 - Peace and Social Justice Credits: 3

Select at least two of the following humanities courses (6)

- ARTH 361 - History of Sustainable Design Credits: 3 *ARTH 361 is a writing infused course. Available for General Education credit in the Creativity and Critical Analysis Domain.*
    - OR ENVS 361X - History of Sustainable Design Credits: 3 *ENVS 361X is a writing infused course. Available for General Education credit in the Society and Culture Domain.*
- ENGL 322 - Language in American Society Credits: 3 *ENGL 322 is a writing infused course. ENGL 322 also fulfills the Human Diversity Requirement.*
- EPFE 302 - Advocacy, Justice and Leadership in a Diverse Society Credits: 3
- HIST 376 - U.S. Capitalism and its Critics Credits: 3 *HIST 376 also fulfills the Human Diversity Requirement.*
- HIST 377 - American Environmental History Credits: 3 *Available for General Education credit in the Nature and Technology Domain. HIST 377 also fulfills the Human Diversity Requirement.*
- HIST 386 - History of Human Rights Credits: 3 *Available for General Education credit in the Society and Culture Domain. HIST 386 is a writing infused course.*
- HIST 389 - Global Climate History Credits: 3 *HIST 389 is a writing infused course.*
- HIST 465 - Gilded Age and Progressive Era Credits: 3 *HIST 465 is a writing infused course. HIST 465 also fulfills the Human Diversity Requirement.*
- HIST 466 - Corporate America: 1900-1929 Credits: 3

- HIST 467 - The U.S. in Depression and War, 1929-1960 Credits: 3 *HIST 467 also fulfills the Human Diversity Requirement.*
- HIST 468 - America Since 1960 Credits: 3 *HIST 468 also fulfills the Human Diversity Requirement.*
- PHIL 331 - Ethics Credits: 3
- PHIL 334 - Animal Ethics Credits: 3
- PHIL 335 - Environmental Ethics Credits: 3
- PHIL 337 - Business Ethics Credits: 3
- PHIL 338 - Philosophy of Food Credits: 3
- PHIL 351 - Social and Political Philosophy Credits: 3 *PHIL 351 also fulfills the Human Diversity Requirement.*
- PHIL 353 - Philosophy of Law Credits: 3
- PHIL 430 - Topics in Ethics Credits: 3 Course taught on an intermittent basis and will count towards ENVS when the topic is appropriate.
- PHIL 450 - Topics in Social and Political Philosophy Credits: 3 Course taught on an intermittent basis and will count towards ENVS when the topic is appropriate.
- SCL 100 - Foundation of Social Change Leadership Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- SCL 200 - Application of Social Change Leadership Credits: 3
- WGSS 201 - Global Gender Issues Credits: 3 *Available for General Education credit in the Society and Culture Domain. WGSS 201 also fulfills the Human Diversity Requirement.*
- WGSS 430 - Special Topics in Women's and Gender Studies Credits: 3 Course taught on an intermittent basis and will count towards ENVS when the topic is appropriate.

Select at least one of the following science, engineering, and technology courses (3-4)

- ANTH 311 - Archaeology of Food Credits: 3
  - OR ENVS 311X - Archaeology of Food Credits: 3
- ANTH 410 - Environmental Archaeology Credits: 3
- ANTH 444 - Primate Ecology and Conservation Credits: 3 *ANTH 444 is a Writing Infused Course.*
  - OR ENVS 444X - Primate Ecology and Conservation Credits: 3 *ENVS 444X is a Writing Infused Course.*
- ANTH 449 - Primates and Food Credits: 3
- BIOS 106 - Environmental Biology Credits: 3
- BIOS 406 - Conservation Biology Credits: 4
- BIOS 407 - Restoration Ecology Credits: 3
- ENVS 210 - Introduction to Sustainable Food Systems Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- ENVS 409 - Water Quality Credits: 4
  - OR BIOS 409X - Water Quality Credits: 4
  - OR GEOL 409X - Water Quality Credits: 4
  - OR PHHE 409X - Water Quality Credits: 4
- GEOG 253 - Environment and Society Credits: 3
- GEOG 303 - Water Resources and the Environment Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- GEOG 368 - Climate Change: Science, Impacts, and Mitigation Credits: 3
- GEOG 455 - Land-Use Planning Credits: 3
- GEOL 320 - Environments and Life Through Time Credits: 4
- GEOL 322 - Paleogeography, Paleoclimatology, Paleoecology Credits: 4
- MEE 101 - Energy and the Environment Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- TECH 245 - Pollution Prevention and Sustainable Production Credits: 3
- TECH 294 - Technology and Cultural Relevance Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*

Emphasis 4. Environmental Policy (30-31)

This emphasis is designed to give students an understanding of how American law and policy have responded to environmental problems. This includes how environmental law operates and the goals of specific laws, equipping students to evaluate and better understand environmental legal issues they might encounter in their subsequent studies and professional lives.

Requirements outside Environmental Studies (9)

Select one of the following policy/social science courses (3)

- ANTH 425 - Environment and Anthropology Credits: 3 *ANTH 425 is a writing infused course.*
  - OR ENVS 425X - Environment and Anthropology Credits: 3 *ENVS 425X is a writing infused course.*
- ANTH 432 - Nature and the Environment Across Cultures Credits: 3
  - OR ENVS 432X - Nature and the Environment across Cultures Credits: 3
- GEOG 425 - Geography of Food and Agriculture Credits: 3
- NNGO 429 - International NGOs and Globalization Credits: 3 *NNGO 429 is a writing infused course. NNGO 429 also fulfills the Human Diversity Requirement.*
  - OR ANTH 429X - International NGOs and Globalization Credits: 3 *ANTH 429X is a writing infused course. ANTH 429X also fulfills the Human Diversity Requirement.*
  - OR SOCI 329X - International NGOs and Globalization Credits: 3 *SOCI 329X is a*

writing infused course. SOCI 329X also fulfills the Human Diversity Requirement.

- POLS 324 - Politics of Environmental Health and Safety Regulation Credits: 3 *POLS 324 is a writing infused course.*
- POLS 330 - Bureaucracy and the Public Policy Process Credits: 3
    - OR PSPA 330X - Bureaucracy and the Public Policy Process Credits: 3
- POLS 410 - Constitutional Law I Credits: 3

Select one of the following social sciences courses (3)

- ANTH 420 - Waterworlds Credits: 3 *ANTH 420 also fulfills the Human Diversity Requirement.*
    - OR ENVS 420X - Waterworlds Credits: 3 *ENVS 420X also fulfills the Human Diversity Requirement.*
- ANTH 423 - Environmental Anthropology of the Middle East: Cultural and Political Ecologies Credits: 3 *ANTH 423 also fulfills the Human Diversity Requirement.*
- ANTH 425 - Environment and Anthropology Credits: 3 *ANTH 425 is a writing infused course.*
    - OR ENVS 425X - Environment and Anthropology Credits: 3 *ENVS 425X is a writing infused course.*
- ANTH 432 - Nature and the Environment Across Cultures Credits: 3
    - OR ENVS 432X - Nature and the Environment across Cultures Credits: 3
- ANTH 464 - Disasters without Borders Credits: 3
    - OR NNGO 464X - Disasters without Borders Credits: 3
- ANTH 466 - Resource Conflicts and Environmental Peacebuilding Credits: 3
    - OR ENVS 466X - Resource Conflicts and Environmental Peacebuilding Credits: 3
- ECON 386 - Environmental Economics Credits: 3
- MGMT 311 - Social Entrepreneurship Credits: 3 *Available for General Education credit in the Creativity and Critical Analysis Domain.*

Select one of the following humanities courses (3)

- ENVS 435X - Gender and the Environment Credits: 3 *ENVS 435X also fulfills the Human Diversity Requirement.*
    - OR WGSS 435 - Gender and the Environment Credits: 3 *WGSS 435 also fulfills the Human Diversity Requirement.*
- HIST 377 - American Environmental History Credits: 3 *Available for General Education credit in the Nature and Technology Domain. HIST 377 also fulfills the Human Diversity Requirement.*
- HIST 389 - Global Climate History Credits: 3 *HIST 389 is a writing infused course.*
- PHIL 334 - Animal Ethics Credits: 3
- PHIL 335 - Environmental Ethics Credits: 3
- PHIL 337 - Business Ethics Credits: 3
- PHIL 338 - Philosophy of Food Credits: 3

Electives (21-22)

Select two of the following policy courses (6)

- ECON 186 - Introduction to Environmental Economics Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
    - OR ENVS 186X - Introduction to Environmental Economics Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- ECON 260 - Principles of Microeconomics Credits: 3
- ECON 386 - Environmental Economics Credits: 3
- GEOG 453 - Environmental Management Credits: 3
- POLS 302 - Government in Metropolitan Areas Credits: 3
    - OR PSPA 302X - Government in Metropolitan Areas Credits: 3
- POLS 303 - State and Local Government Credits: 3
- POLS 304 - American Public Opinion Credits: 3
- POLS 307 - The U.S. Congress Credits: 3 *POLS 307 is a writing infused course.*
- POLS 320 - Biopolitics and Human Nature Credits: 3
- POLS 324 - Politics of Environmental Health and Safety Regulation Credits: 3 *POLS 324 is a writing infused course.*
- POLS 326 - Nonprofit Management Credits: 3
    - OR NNGO 303 - Nonprofit Administration for Social Justice Credits: 3
- POLS 330 - Bureaucracy and the Public Policy Process Credits: 3
    - OR PSPA 330X - Bureaucracy and the Public Policy Process Credits: 3
- POLS 331 - Public Administration Credits: 3
- POLS 360 - Government and Politics in Western Europe Credits: 3
- POLS 362 - Politics of Developing Areas Credits: 3
- POLS 366 - Politics of Russia and Eurasia Credits: 3
- POLS 368 - Politics of Africa Credits: 3
- POLS 371 - Politics in Southeast Asia Credits: 3
- POLS 372 - Politics of China, Japan, and Korea Credits: 3
- POLS 389 - International Law and Organization Credits: 3
- POLS 410 - Constitutional Law I Credits: 3

Select two of the following communication and writing courses (6)

- COMS 304 - Persuasion Credits: 3
- COMS 361 - Business and Professional Communication Credits: 3
- COMS 362 - Intercultural Communication Credits: 3 *Available for General Education credit in the Society and Culture Domain. COMS 362 also fulfills the Human Diversity Requirement.*

- COMS 419 - Political Communication in America Credits: 3 *COMS 419 is a writing infused course.*
- ENGL 303 - Writing Creative Nonfiction I Credits: 3 *ENGL 303 is a writing infused course.*
- ENGL 308 - Technical Writing Credits: 3 *ENGL 308 is a writing infused course.*
- ENGL 403 - Technical Editing Credits: 3 *ENGL 403 is a writing infused course.*
- JOUR 335 - Principles of Public Relations Credits: 3
- JOUR 360 - Public Relations Writing Credits: 3 *JOUR 360 is a writing infused course.*

Select two of the following humanities courses (6)

- HIST 323 - History of Science Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- HIST 361 - History of Health and Medicine in the United States Credits: 3 *Available for General Education credit in the Nature and Technology Domain. HIST 361 also fulfills the Human Diversity Requirement.*
- HIST 377 - American Environmental History Credits: 3 *Available for General Education credit in the Nature and Technology Domain. HIST 377 also fulfills the Human Diversity Requirement.*
- HIST 389 - Global Climate History Credits: 3 *HIST 389 is a writing infused course.*
- PHIL 331 - Ethics Credits: 3
- PHIL 334 - Animal Ethics Credits: 3
- PHIL 335 - Environmental Ethics Credits: 3
- PHIL 337 - Business Ethics Credits: 3
- PHIL 338 - Philosophy of Food Credits: 3
- PHIL 351 - Social and Political Philosophy Credits: 3 *PHIL 351 also fulfills the Human Diversity Requirement.*
- PHIL 353 - Philosophy of Law Credits: 3
- PHIL 430 - Topics in Ethics Credits: 3 Course taught on an intermittent basis and will count towards ENVS when the topic is appropriate.
- PHIL 450 - Topics in Social and Political Philosophy Credits: 3 Course taught on an intermittent basis and will count towards ENVS when the topic is appropriate.
- WGSS 435 - Gender and the Environment Credits: 3 *WGSS 435 also fulfills the Human Diversity Requirement.*
    - OR ENVS 435X - Gender and the Environment Credits: 3 *ENVS 435X also fulfills the Human Diversity Requirement.*

Select one of the following science, engineering, and technology courses (3-4)

- ANTH 311 - Archaeology of Food Credits: 3
    - OR ENVS 311X - Archaeology of Food Credits: 3
- ANTH 410 - Environmental Archaeology Credits: 3
- BIOS 106 - Environmental Biology Credits: 3
- BIOS 406 - Conservation Biology Credits: 4
- BIOS 407 - Restoration Ecology Credits: 3
- CHEM 427 - Environmental Chemistry Credits: 3
- ENVS 210 - Introduction to Sustainable Food Systems Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- ENVS 409 - Water Quality Credits: 4
    - OR BIOS 409X - Water Quality Credits: 4
    - OR GEOL 409X - Water Quality Credits: 4
    - OR PHHE 409X - Water Quality Credits: 4
- GEOG 253 - Environment and Society Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- GEOG 303 - Water Resources and the Environment Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- GEOG 368 - Climate Change: Science, Impacts, and Mitigation Credits: 3
- GEOG 455 - Land-Use Planning Credits: 3
- GEOG 490 - Community Geography Credits: 3
- GEOL 320 - Environments and Life Through Time Credits: 4
- GEOL 322 - Paleogeography, Paleoclimatology, Paleoecology Credits: 4
- MEE 101 - Energy and the Environment Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- TECH 245 - Pollution Prevention and Sustainable Production Credits: 3
- TECH 294 - Technology and Cultural Relevance Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*

Emphasis 5. Water Sciences (38-42)

Whether it is for agriculture, industry, or personal consumption, current use of fresh water by humans is unsustainable. In many parts of the world, access to clean, safe drinking water is lacking. With the human population predicted to expand for the next 40-50 years demand for water will increase dramatically in the coming decades. It is essential that students pursuing environmental studies are well grounded in the economic, legal, physical, and biological facets of water resources. This emphasis is offered for the B.S. only.

Requirements outside Environmental Studies (14)

- ENVS 409 - Water Quality Credits: 4
    - OR BIOS 409X - Water Quality Credits: 4
    - OR GEOL 409X - Water Quality Credits: 4
    - OR PHHE 409X - Water Quality Credits: 4
- GEOG 101 - Introduction to Environmental Geography Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*

    - AND GEOG 102 - Introduction to Environmental Geography Laboratory Credits: 1
    - OR GEOL 120 - Planet Earth Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
        - AND GEOL 121 - Planet Earth Laboratory Credits: 1
- GEOG 303 - Water Resources and the Environment Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- GEOL 390 - Introduction to Groundwater Credits: 3
    - OR GEOL 490 - Hydrogeology Credits: 3

Select three of the following conceptually-based courses (9-11)

- ANTH 343 - Extinction: Where the Wild Things Were Credits: 3
    - OR ENVS 343X - Extinction: Where the Wild Things Were Credits: 3
- ANTH 420 - Waterworlds Credits: 3 *ANTH 420 also fulfills the Human Diversity Requirement.*
    - OR ENVS 420X - Waterworlds Credits: 3 *ENVS 420X also fulfills the Human Diversity Requirement.*
- BIOS 313 - Microbiology Credits: 4
- BIOS 406 - Conservation Biology Credits: 4
- BIOS 407 - Restoration Ecology Credits: 3
- CHEM 310 - Introductory Organic and Biological Chemistry Credits: 3
- CHEM 427 - Environmental Chemistry Credits: 3
- GEOG 306 - Severe and Hazardous Weather Credits: 3
- GEOG 492 - Hydrology Credits: 3
    - OR GEOL 492X - Hydrology Credits: 3
- GEOL 421 - Environmental Geochemistry Credits: 3
- GEOL 442 - Geomorphology Credits: 3
    - OR GEOG 442X - Geomorphology Credits: 3
- GEOL 468 - Geomicrobiology Credits: 3
    - OR BIOS 468X - Geomicrobiology Credits: 3
- GEOL 490 - Hydrogeology Credits: 3
- GEOL 493 - Groundwater Geophysics Credits: 3
- GEOL 496 - Geophysics Credits: 3

Select three of the following methods-based courses (9-11)

- ENVS 210 - Introduction to Sustainable Food Systems Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- GEOG 302 - Soil Science Credits: 3
- GEOG 359 - Introduction to Geographic Information Systems Credits: 3
- GEOG 368 - Climate Change: Science, Impacts, and Mitigation Credits: 3
- GEOG 382 - Geography of Disease and Health Credits: 3
- GEOG 403 - Soils and Environmental Land Use Planning Credits: 3
- GEOG 406 - Natural Hazards and Environmental Risk Credits: 3
- GEOG 453 - Environmental Management Credits: 3
- GEOG 455 - Land-Use Planning Credits: 3
- GEOG 490 - Community Geography Credits: 3
- GEOL 320 - Environments and Life Through Time Credits: 4
    - OR GEOL 322 - Paleogeography, Paleoclimatology, Paleoecology Credits: 4
- GEOL 425 - Engineering Geology Credits: 3
- GEOL 477 - Field Methods in Environmental Geosciences Credits: 4 *GEOL 477 is a writing infused course.*
- GEOL 491 - Geophysical Well Logging Credits: 3
- MET 430 - Micrometeorology Credits: 3
- PHHE 351 - Elements of Environmental Health Credits: 3
- STAT 300 - Introduction to Probability and Statistics Credits: 3

Select one of the following engineering/technology-based courses (3)

- MEE 101 - Energy and the Environment Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- TECH 245 - Pollution Prevention and Sustainable Production Credits: 3
- TECH 437 - Fundamentals of Industrial Hygiene Credits: 3
- TECH 438 - Safety in Transportation Systems Credits: 3
- TECH 445 - Industrial Energy Utilization and Environmental Impacts Credits: 3

Select one of the following humanities and social sciences courses (3)

- ANTH 420 - Waterworlds Credits: 3 *ANTH 420 also fulfills the Human Diversity Requirement.*
    - OR ENVS 420X - Waterworlds Credits: 3 *ENVS 420X also fulfills the Human Diversity Requirement.*
- ANTH 423 - Environmental Anthropology of the Middle East: Cultural and Political Ecologies Credits: 3 *ANTH 423 also fulfills the Human Diversity Requirement.*
- ANTH 425 - Environment and Anthropology Credits: 3 *ANTH 425 is a writing infused course.*
    - OR ENVS 425X - Environment and Anthropology Credits: 3 *ENVS 425X is a writing infused course.*
- ANTH 432 - Nature and the Environment Across Cultures Credits: 3
    - OR ENVS 432X - Nature and the Environment across Cultures Credits: 3
- ANTH 466 - Resource Conflicts and Environmental Peacebuilding Credits: 3
    - OR ENVS 466X - Resource Conflicts and Environmental Peacebuilding Credits: 3
- ECON 186 - Introduction to Environmental Economics Credits: 3 *Available for General Education credit in the Society and Culture Domain.*

    - OR ENVS 186X - Introduction to Environmental Economics Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- ECON 386 - Environmental Economics Credits: 3
- HIST 377 - American Environmental History Credits: 3 *Available for General Education credit in the Nature and Technology Domain. HIST 377 also fulfills the Human Diversity Requirement.*
- HIST 389 - Global Climate History Credits: 3 *HIST 389 is a writing infused course.*
- MGMT 311 - Social Entrepreneurship Credits: 3 *Available for General Education credit in the Creativity and Critical Analysis Domain.*
- NNGO 429 - International NGOs and Globalization Credits: 3 *NNGO 429 is a writing infused course. NNGO 429 also fulfills the Human Diversity Requirement.*
    - OR ANTH 429X - International NGOs and Globalization Credits: 3 *ANTH 429X is a writing infused course. ANTH 429X also fulfills the Human Diversity Requirement.*
    - OR SOCI 329X - International NGOs and Globalization Credits: 3 *SOCI 329X is a writing infused course. SOCI 329X also fulfills the Human Diversity Requirement.*
- PHIL 334 - Animal Ethics Credits: 3
- PHIL 335 - Environmental Ethics Credits: 3
- PHIL 337 - Business Ethics Credits: 3
- PHIL 338 - Philosophy of Food Credits: 3
- POLS 220 - Introduction to Public Policy Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- POLS 324 - Politics of Environmental Health and Safety Regulation Credits: 3 *POLS 324 is a writing infused course.*

Emphasis 6. Sustainable Food Systems (36-38)

The emphasis in Sustainable Food Systems will consist of courses that provide engaged learning opportunities and enable practical application of knowledge. The interdisciplinary nature of the emphasis prepares students to understand and engage in finding solutions for the variety of issues they might face working in sustainable food systems. Both this knowledge and the associated experiences will provide the student with a solid foundation for work in sustainable food and farming.

The emphasis will prepare students in multiple areas of study that are all meant to provide them with an understanding of sustainable food systems: 1) Agriculture and Food - learn and experience essential drivers of agriculture and food systems; 2) Entrepreneurship and Economics - explore the underlying business and financial systems that contribute to these systems; 3) Urban, Community, and Policy - analyze and understand the political landscape in local and metropolitan communities; 4) Plant and Water Sciences - study and recognize the physical systems that impact agriculture and sustainable food options; 5) Health and Nutrition - examine agriculture practices, the food industry, and consumer behavior to see how they relate to food sustainability, nutritional health and wellness; and 6) Social and Cultural Change - obtain insights and expertise in how communities could address the social and cultural changes needed to achieve more sustainable food systems.

Select five of the following courses (15-16)

- ANTH 420 - Waterworlds Credits: 3 *ANTH 420 also fulfills the Human Diversity Requirement.*
- ENVS 210 - Introduction to Sustainable Food Systems Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- GEOG 302 - Soil Science Credits: 3
- GEOG 425 - Geography of Food and Agriculture Credits: 3
- NUTR 404 - Nutrition and Community Food Systems Credits: 2-5
- PHIL 338 - Philosophy of Food Credits: 3
- SCL 100 - Foundation of Social Change Leadership Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
    - OR NNGO 100 - Community Leadership and Civic Engagement Credits: 3 *Available for General Education credit in the Society and Culture Domain.*

Select two of the following Entrepreneurship and Economics courses (6)

- ARTH 361 - History of Sustainable Design Credits: 3 *Available for General Education credit in the Society and Culture Domain. ARTH 361 is a writing infused course.*
- ECON 186 - Introduction to Environmental Economics Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
    - OR ENVS 186X - Introduction to Environmental Economics Credits: 3 *ENVS 186X is available for general education credit.*
- ECON 260 - Principles of Microeconomics Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- ECON 385 - Introduction to Urban and Regional Economics Credits: 3
- ECON 386 - Environmental Economics Credits: 3
- MGMT 227 - Entrepreneurship, Innovation, and Sustainability Credits: 3 *Available for General Education credit in the Creativity and Critical Analysis Domain.*
- MGMT 311 - Social Entrepreneurship Credits: 3 *Available for General Education credit in the Creativity and Critical Analysis Domain.*

- MGMT 327 - Creativity, Innovation, and Entrepreneurship Credits: 3 *Available for General Education credit in the Creativity and Critical Analysis Domain.*
- MGMT 467 - Corporate Innovation and Social Responsibility Credits: 3
- MGMT 481 - Idea, Innovation, and Impact Accelerator Lab Credits: 3
- TECH 438 - Safety in Transportation Systems Credits: 3

Select one of the following Urban, Community, and Policy courses (3)

- ANTH 420 - Waterworlds Credits: 3 *ANTH 420 also fulfills the Human Diversity Requirement.*
- GEOG 425 - Geography of Food and Agriculture Credits: 3
- GEOG 453 - Environmental Management Credits: 3
- GEOG 455 - Land-Use Planning Credits: 3
- GEOG 463 - Urban Geography Credits: 3
- ILAS 444 - Comparative Urbanization Credits: 3
- POLS 220 - Introduction to Public Policy Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
    - OR PSPA 220X - Introduction to Public Policy Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- POLS 302 - Government in Metropolitan Areas Credits: 3
    - OR PSPA 302X - Government in Metropolitan Areas Credits: 3
- POLS 326 - Nonprofit Management Credits: 3
    - OR PSPA 326X - Nonprofit Management Credits: 3
    - OR NNGO 303 - Nonprofit Administration for Social Justice Credits: 3
- POLS 331 - Public Administration Credits: 3
    - OR PSPA 331X - Public Administration Credits: 3
- PSPA 320 - Public Service Leadership Credits: 3
- PSPA 412 - Public Budgeting Credits: 3
- PSPA 413 - Community Engagement in Public Service Agencies Credits: 3
- SOCI 335 - Immigration Credits: 3
    - OR GEOG 335X - Immigration Credits: 3

Select one of the following Plant and Water Sciences courses (3-4)

- BIOS 209 - Fundamentals of Organismal Biology Credits: 3
    - AND BIOS 211 - Fundamentals of Organismal Biology Laboratory Credits: 1
- BIOS 305 - Biology of Land Plants Credits: 4
- BIOS 430 - Plant Systematics Credits: 4
- BIOS 433 - Behavioral Ecology Credits: 3
- BIOS 453 - Entomology Credits: 3
- CHEM 310 - Introductory Organic and Biological Chemistry Credits: 3
- ENVS 210 - Introduction to Sustainable Food Systems Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- ENVS 409 - Water Quality Credits: 4
    - OR BIOS 409X - Water Quality Credits: 4
    - OR GEOL 409X - Water Quality Credits: 4
    - OR PHHE 409X - Water Quality Credits: 4
- GEOG 302 - Soil Science Credits: 3
- GEOG 303 - Water Resources and the Environment Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- GEOG 492 - Hydrology Credits: 3
    - OR GEOL 492X - Hydrology Credits: 3
- GEOL 390 - Introduction to Groundwater Credits: 3
- GEOL 490 - Hydrogeology Credits: 3

Select two of the following Health and Nutrition courses (6)

- ANTH 311 - Archaeology of Food Credits: 3
    - OR ENVS 311X - Archaeology of Food Credits: 3
- ANTH 449 - Primates and Food Credits: 3
- GEOG 382 - Geography of Disease and Health Credits: 3
- NUTR 200A - Principles of Food Preparation Credits: 3
- NUTR 201 - Human Nutrition Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- NUTR 309 - Science of Nutrition Credits: 3
- NUTR 404 - Nutrition and Community Food Systems Credits: 2-5
- NUTR 406 - Global Food and Nutrition Issues Credits: 3 *Available for General Education credit in the Nature and Technology Domain. NUTR 406 is a writing infused course.*
- NUTR 424 - Cultural and National Food Patterns Credits: 3
- NUTR 429 - Strategies for Modifying Nutrition Behaviors Credits: 3
- PHHE 295 - Introduction to Public Health Credits: 3 *Available for General Education credit in the Society and Culture Domain. PHHE 295 also fulfills the Human Diversity Requirement.*
- PHHE 412 - Consumer Health Credits: 3
- PHHE 439 - Funding for Programs in Public Health Credits: 3

Select one of the following Social and Cultural Change courses (3)

- ANTH 425 - Environment and Anthropology Credits: 3 *ANTH 425 is a writing infused course.*
    - OR ENVS 425X - Environment and Anthropology Credits: 3 *ENVS 425X is a writing infused course.*
- ANTH 432 - Nature and the Environment Across Cultures Credits: 3
    - OR ENVS 432X - Nature and the Environment across Cultures Credits: 3

- EPFE 302 - Advocacy, Justice and Leadership in a Diverse Society Credits: 3
- EPFE 440 - Education for Social Justice Credits: 3 *Available for General Education credit in the Society and Culture Domain. EPFE 440 also fulfills the Human Diversity Requirement.*
- HIST 366 - Farms, Food, and Rural America Credits: 3
- HIST 377 - American Environmental History Credits: 3 *Available for General Education credit in the Nature and Technology Domain. HIST 377 also fulfills the Human Diversity Requirement.*
- NNGO 100 - Community Leadership and Civic Engagement Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- PHIL 335 - Environmental Ethics Credits: 3
- PHIL 338 - Philosophy of Food Credits: 3
- SCL 100 - Foundation of Social Change Leadership Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- SCL 200 - Application of Social Change Leadership Credits: 3
- SOCI 354 - Families and Social Change Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- SOCI 361 - Race and Ethnicity Credits: 3 *SOCI 361 also fulfills the Human Diversity Requirement.*
- SOCI 379 - Collective Behavior and Social Movements Credits: 3
- WGSS 201 - Global Gender Issues Credits: 3 *Available for General Education credit in the Society and Culture Domain. WGSS 201 also fulfills the Human Diversity Requirement.*

Emphasis 7. Educator Licensure - Environmental Science (95-97)

Students must complete a program of study approved by the director of the Environmental Science licensure program designed to provide a broad background in the discipline and meet the requirements for an undergraduate major in Environmental Sciences at NIU. Students pursuing secondary science educator licensure in environmental science must have a grade of C or better in all course work specifically required for licensure. This includes all environmental science, biology, chemistry, physics, and math courses, pedagogy, and written communication, oral communication, and psychology general education classes.

Admission and Retention Requirements

Candidates must submit an application in writing to the director of the Environmental Science licensure program.

Undergraduates must have a GPA of 2.50 in all work at NIU. Candidates must also have a minimum combined GPA of 2.70 in NIU courses numbered 200 and above in physical and biological sciences and mathematics.

All potential certification candidates must have a satisfactory review of progress with the departmental licensure adviser each semester after admission to the certification program. The candidate must also:

take and pass the ICTS Environmental Science Content Test prior to applying to student teaching.
take and pass the ICTS Assessment of Professional Teaching test before completion of the program.

Environmental Science Educator Licensure

All retention requirements listed above.

Five upper-division courses in environmental science (15)

- ENVS 301 - Environmental Science I: Physical Systems Credits: 3
- ENVS 302 - Environmental Science II: Biological Systems Credits: 3
- ENVS 303 - Environment in the Social Sciences and Humanities Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- ENVS 304 - Environmental Law, Policy, and Economics Credits: 3
- ENVS 305X - Green Technologies Credits: 3
    - OR TECH 305 - Green Technologies Credits: 3

Electives in designated courses teaching environmental science concepts (12-14)

- ANTH 425 - Environment and Anthropology Credits: 3 *ANTH 425 is a writing infused course.*
- ANTH 432 - Nature and the Environment Across Cultures Credits: 3
- BIOS 406 - Conservation Biology Credits: 4
- BIOS 407 - Restoration Ecology Credits: 3
- BIOS 409X - Water Quality Credits: 4
    - OR ENVS 409 - Water Quality Credits: 4
    - OR GEOL 409X - Water Quality Credits: 4
    - OR PHHE 409X - Water Quality Credits: 4
- ECON 386 - Environmental Economics Credits: 3
- GEOG 253 - Environment and Society Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- GEOG 303 - Water Resources and the Environment Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- GEOG 368 - Climate Change: Science, Impacts, and Mitigation Credits: 3
- GEOG 453 - Environmental Management Credits: 3
- GEOG 455 - Land-Use Planning Credits: 3
- GEOL 390 - Introduction to Groundwater Credits: 3

- HIST 377 - American Environmental History Credits: 3 *Available for General Education credit in the Nature and Technology Domain. HIST 377 also fulfills the Human Diversity Requirement.*
- MEE 101 - Energy and the Environment Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- PHIL 335 - Environmental Ethics Credits: 3
- POLS 324 - Politics of Environmental Health and Safety Regulation Credits: 3 *POLS 324 is a writing infused course.*
- TECH 245 - Pollution Prevention and Sustainable Production Credits: 3
- TECH 484 - Energy Management Credits: 3

Additional course work outside of the department (32)

- BIOS 208 - Fundamentals of Cellular Biology Credits: 3
    - AND BIOS 210 - Fundamentals of Cellular Biology Laboratory Credits: 1
- BIOS 209 - Fundamentals of Organismal Biology Credits: 3
    - AND BIOS 211 - Fundamentals of Organismal Biology Laboratory Credits: 1
- CHEM 210 - General Chemistry I Credits: 3
    - AND CHEM 212 - General Chemistry Laboratory I Credits: 1
- CHEM 211 - General Chemistry II Credits: 3
    - AND CHEM 213 - General Chemistry Laboratory II Credits: 1
- PHYS 210 - General Physics I Credits: 4
- PHYS 211 - General Physics II Credits: 4
- MATH 211 - Calculus for Business and Social Science Credits: 4
- STAT 200 - Elementary Statistics Credits: 4

Professional education courses, including (36)

- ENVS 403X - The Nature of Scientific Inquiry Credits: 2
    - OR BIOS 403X - The Nature of Scientific Inquiry Credits: 2
    - OR CHEM 403X - The Nature of Scientific Inquiry Credits: 2
    - OR GEOL 403 - The Nature of Scientific Inquiry Credits: 2
    - OR PHYS 403X - The Nature of Scientific Inquiry Credits: 2
- ENVS 414X - Interdisciplinary Teaching of Science in Secondary and Middle Level Education Credits: 3 *ENVS 414X is a writing infused course.*
    - OR BIOS 414X - Interdisciplinary Teaching of Science in Secondary and Middle Level Education Credits: 3 *BIOS 414X is a writing infused course.*
    - OR CHEM 414X - Interdisciplinary Teaching of Science in Secondary and Middle Level Education Credits: 3 *CHEM 414X is a writing infused course.*
    - OR GEOL 414 - Interdisciplinary Teaching of Science in Secondary and Middle Level Education Credits: 3 *GEOL 414 is a writing infused course.*
    - OR PHYS 414X - Interdisciplinary Teaching of Science in Secondary and Middle Level Education Credits: 3 *PHYS 414X is a writing infused course.*
- ENVS 401 - Third Clinical High School Experience in Environmental Science Credits: 2
- ENVS 416 - Methods in Teaching Environmental Sciences Credits: 3
- ENVS 428 - Student Teaching (Secondary) in Environmental Science Credits: 12
- ENVS 482 - Transition to the Professional Environmental Science Teacher Credits: 2
- EPS 406 - Issues in Human Development and Learning in the Middle School and High School Years Credits: 3
- ETT 402 - Teaching and Learning with Technology Credits: 3
- ILAS 201 - Introductory Clinical Experience Credits: 1
- ILAS 301 - Second Clinical Experience Credits: 1
- LTIC 420 - Methods and Materials for Teaching Multilingual Learners in the Content Areas Credits: 3
- SESE 457 - Methods for Including Middle and Secondary Students with Exceptionalities in the General Education Classroom Credits: 3

Total Hours for a Major in Environmental Studies: 58-83 (B.A); or 65-81 (B.S.)

Minor

Minor in Environmental Studies (21-23)

The environmental studies minor is an interdisciplinary and multidisciplinary program that allows undergraduates in any degree program to study environmental concepts, issues, and problems from the viewpoints and with the approaches of the natural and social sciences. Credit hours applied to a major may not be applied to this minor.

Check departmental information for additional requirements.

Requirements (21-23)

Students must select at least seven (7) of the following courses. At least three (3) courses must be selected from the environmental studies courses, and at least one (1) course must be selected in each of the following: natural sciences, engineering, and technology courses and humanities and social sciences courses. The remaining two (2) courses must

be selected from the courses listed below, if not previously used to fulfill the requirements for those categories.

Select three of the following environmental studies courses (9)

- ENVS 301 - Environmental Science I: Physical Systems Credits: 3
- ENVS 302 - Environmental Science II: Biological Systems Credits: 3
- ENVS 303 - Environment in the Social Sciences and Humanities Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- ENVS 304 - Environmental Law, Policy, and Economics Credits: 3
- TECH 305 - Green Technologies Credits: 3
    - OR ENVS 305X - Green Technologies Credits: 3

Select from one of the following natural sciences, engineering, and technology courses (3-4)

- BIOS 406 - Conservation Biology Credits: 4
- BIOS 407 - Restoration Ecology Credits: 3
- GEOG 303 - Water Resources and the Environment Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- GEOG 455 - Land-Use Planning Credits: 3
- GEOL 320 - Environments and Life Through Time Credits: 4
    - OR GEOL 322 - Paleogeography, Paleoclimatology, Paleoecology Credits: 4
- MEE 101 - Energy and the Environment Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- TECH 245 - Pollution Prevention and Sustainable Production Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*

Select from one of the following humanities and social sciences courses (3)

- ANTH 425 - Environment and Anthropology Credits: 3 *ANTH 425 is a writing infused course.*
    - OR ENVS 425X - Environment and Anthropology Credits: 3 *ENVS 425X is a writing infused course.*
- ECON 386 - Environmental Economics Credits: 3
- ENVS 210 - Introduction to Sustainable Food Systems Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- HIST 377 - American Environmental History Credits: 3 *Available for General Education credit in the Nature and Technology Domain. HIST 377 also fulfills the Human Diversity Requirement.*
- PHIL 335 - Environmental Ethics Credits: 3
- PHIL 338 - Philosophy of Food Credits: 3
- POLS 220 - Introduction to Public Policy Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
    - OR PSPA 220X - Introduction to Public Policy Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- POLS 324 - Politics of Environmental Health and Safety Regulation Credits: 3 *POLS 324 is a writing infused course.*

Certificate of Undergraduate Study

Sustainable Food Systems (13-14)

The Certificate of Undergraduate Study in Sustainable Food Systems will provide the student with a solid foundation for work in sustainable food and farming. This interdisciplinary certificate prepares students for the variety of issues they might face working in sustainable agriculture. The certificate consists of two core courses and a choice of electives from three content areas. The courses enable practical application of knowledge and provide engaged learning opportunities.

The certificate will help prepare students in three areas of study that are all meant to provide the student with an understanding of systems: 1) Agriculture and Sustainability--study the physical systems that impact agriculture and sustainable local food options; 2) Food and Health--examine current trends in the food industry, agriculture, and community environment in relation to food sustainability, social and nutritional health and wellness; and 3) Social and Cultural--learn how society could address the social and cultural change needed to achieve more sustainable food systems.

The certificate is open to all students admitted to degree and non-degree study at Northern Illinois University. Students must maintain good academic standing within the university. The certificate courses may also be applied to satisfy requirements for B.A. and B.S. degrees.

Required Courses (4)

- ENVS 210 - Introduction to Sustainable Food Systems Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- ENVS 490 - Undergraduate Research Credits: 1-3 Field Practicum. Only 1 credit hour will be applied towards the certificate.

One course from each of the following sections (9-10)

Agriculture and Sustainability (3-4)

- ANTH 420 - Waterworlds Credits: 3 *ANTH 420 fulfills the Human Diversity Requirement.*

- OR ENVS 420X - Waterworlds Credits: 3
  ENVS 420X fulfills the Human Diversity Requirement.
- BIOS 106 - Environmental Biology Credits: 3
- BIOS 209 - Fundamentals of Organismal Biology Credits: 3
  - AND BIOS 211 - Fundamentals of Organismal Biology Laboratory Credits: 1
- ENVS 301 - Environmental Science I: Physical Systems Credits: 3
- ENVS 302 - Environmental Science II: Biological Systems Credits: 3
- ENVS 409 - Water Quality Credits: 4
  - OR BIOS 409X - Water Quality Credits: 4
  - OR GEOL 409X - Water Quality Credits: 4
  - OR PHHE 409X - Water Quality Credits: 4
- GEOG 302 - Soil Science Credits: 3
- GEOG 453 - Environmental Management Credits: 3

Food and Health (3)

- ANTH 311 - Archaeology of Food Credits: 3
  - OR ENVS 311X - Archaeology of Food Credits: 3
- GEOG 425 - Geography of Food and Agriculture Credits: 3
- NUTR 201 - Human Nutrition Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- NUTR 308 - Current Problems and Trends in Nutrition and Foods Credits: 3 *NUTR 308 is a writing infused course.*
- NUTR 404 - Nutrition and Community Food Systems Credits: 2-5. Only 3 credit hours will be applied towards the certificate.
- NUTR 406 - Global Food and Nutrition Issues Credits: 3 *Available for General Education credit in the Nature and Technology Domain. NUTR 406 is a writing infused course.*
- PHHE 295 - Introduction to Public Health Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*

Social and Cultural (3)

- ANTH 425 - Environment and Anthropology Credits: 3 *ANTH 425 is a writing infused course.*
  - OR ENVS 425X - Environment and Anthropology Credits: 3 *ENVS 425X is a writing infused course.*
- ENVS 303 - Environment in the Social Sciences and Humanities Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- HIST 366 - Farms, Food, and Rural America Credits: 3
- HIST 377 - American Environmental History Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
  HIST 377 also fulfills the Human Diversity Requirement.
- NNGO 100 - Community Leadership and Civic Engagement Credits: 3
- NNGO 303 - Nonprofit Administration for Social Justice Credits: 3
- PHIL 338 - Philosophy of Food Credits: 3
- POLS 324 - Politics of Environmental Health and Safety Regulation Credits: 3 *POLS 324 is a writing infused course.*
- SCL 100 - Foundation of Social Change Leadership Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- SCL 200 - Application of Social Change Leadership Credits: 3 Available for General Education credit in the Society and Culture Domain.

Accelerated Integrated Degree

Accelerated B.A. or B.S./J.D. Program in Environmental Studies and the College of Law

Admission

The six-year accelerated program leads to either the B.A. or B.S. in Environmental Studies together with the J.D. degree. Students who want to complete this program must identify themselves to the Environmental Studies department as majors with an emphasis in either environmental policy or nature in society who wish to complete the accelerated program. Undergraduates who major in Environmental Studies with an emphasis in either environmental policy or nature in society and have completed at least 90 semester hours of undergraduate course work (including all general education and major requirements) with a minimum GPA of 3.25 are eligible to apply for admission to NIU's College of Law under the special provisions of this program. Students are encouraged to apply to the program as early as possible during their junior year. As part of the application to the College of Law, applicants must take the LSAT and must receive a score at or above the 50th percentile of the previous year's matriculating law class. Admission will be on a competitive basis, and the likelihood of admission will depend on the number and quality of the applicants to the program, the number and quality of applicants to the College of Law in general, as well as other factors normally considered in admissions decisions by the College of Law.

Curriculum

Students must complete all the requirements of the B.A. or B.S. in Environmental Studies with an emphasis in either environmental policy or nature in society, as well as all general education requirements (90 credit hours in total) by the end of their junior year. Students accepted into the College of Law pursuant to the special provisions of this program will matriculate in the College of Law in the fall of their senior year. Up to 30 hours of law courses will count toward the final 30 credits of the undergraduate degree. The

final two years of the program will follow the standard College of Law timetable.

History (HIST)

Foreign Study in History

The Department of History encourages students to take advantage of study-abroad programs, which provide students of history and allied disciplines an opportunity to study first hand the historical development and traditions of other peoples and their cultures. Interested students should first consult the Office of International Programs for details of forthcoming programs and then contact their undergraduate adviser in history about including their study-abroad courses in their NIU program. For further information, see "International Programs" in the Other Academic Units Department.

History Faculty

Valerie L. Garver, Ph.D., University of Virginia, professor, chair
Christina Abreu, Ph.D., Purdue University, associate professor
Stanley Arnold, Ph.D., Temple University, associate professor
E. Taylor Atkins, Ph.D., University of Illinois, Distinguished Teaching Professor
Bradley Bond, Ph.D., Louisiana State University, associate professor
Andrew Bruno, Ph.D., University of Illinois, associate professor
Sundiata Djata, Ph.D., University of Illinois, professor
Sean Farrell, Ph.D., University of Wisconsin, professor
Heide Fehrenbach, Ph.D., Rutgers University, Distinguished Research Professor, Board of Trustees Professor
Damián Fernández, Ph.D., Princeton University, associate professor
Rosemary Feurer, Ph.D., Washington University, associate professor
Aaron S. Fogleman, Ph.D., University of Michigan, Presidential Research Professor
Eric Hall, Ph.D., Purdue University, associate professor
Anne G. Hanley, Ph.D., Stanford University, Board of Trustees Professor
Beatrix Hoffman, Ph.D., Rutgers University, professor
Kristin Huffine, Ph.D., University of California, Berkeley, associate professor
Trude Jacobsen, Ph.D., University of Queensland, professor
Eric Jones, Ph.D., University of California, Berkeley, associate professor
Natalie Joy, Ph.D., University of California, Los Angeles, associate professor
Emma Kuby, Ph.D., Cornell University, associate professor
Vera Lind, D. Phil., Christian-Albrechts-Universität Kiel, associate professor
Amanda Littauer, Ph.D., University of California, Berkeley, associate professor
Eric W. Mogren, Ph.D., University of Michigan, associate professor
Ismael Montana, Ph.D., York University, associate professor
Brian Sandberg, Ph.D., University of Illinois, professor

Majors

History (B.A. or B.S.)

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Requirements in Department (40)

Students must successfully complete HIST 395, and at least one 400-level NIU history course (excluding HIST 400 and HIST 496) before taking HIST 495. At least two such 400-level NIU history courses (excluding HIST 400 and HIST 495) are required to complete the major.

- HIST 260 - American History to 1865 Credits: 3 Available for general education credit. HIST 260 also fulfills the Human Diversity Requirement.
- HIST 261 - American History since 1865 Credits: 3 Available for general education credit. HIST 261 also fulfills the Human Diversity Requirement.
- HIST 395 - Historical Methods Credits: 3 (Required of all majors in their sophomore or junior year).
- HIST 495 - Senior Thesis Credits: 4

Two of the following (6)

- HIST 110 - History of the Western World I: Problems in the Human Past Credits: 3 Available for general education credit. HIST 110 also fulfills the Human Diversity Requirement.
- HIST 112 - History of the Western World II: Problems in the Human Past Credits: 3 Available for general education credit. HIST 112 also fulfills the Human Diversity Requirement.
- HIST 140 - Asia to 1500 Credits: 3 Available for general education credit. HIST 140 also fulfills the Human Diversity Requirement. This is a creativity and critical analysis general education course for the Global Connections Pathway.
- HIST 141 - Asia Since 1500 Credits: 3 Available for general education credit. HIST 141 also fulfills the Human Diversity Requirement. This is a creativity and critical analysis general education course for the Global Connections Pathway.
- HIST 170 - World History I: Problems in the Human Past Credits: 3 Available for general education credit. HIST 170 also fulfills the Human Diversity Requirement. This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- HIST 171 - World History II: Problems in the Human Past Credits: 3 Available for general education credit.

HIST 171 also fulfills the Human Diversity Requirement. This is a creativity and critical analysis general education course for the Sustainability Pathway.

Seven courses at the 300-400 level

Seven courses at the 300-400 level with a minimum of one course in each of Group A, B, and C; and four additional electives.

Group A:

- HIST 300 - The Ancient Near East Credits: 3
- HIST 301 - History of Ancient Greece Credits: 3
- HIST 302 - From Alexander the Great to the Rise of Rome Credits: 3
- HIST 303 - Imperial Rome Credits: 3 HIST 303 is a writing infused course. HIST 303 also fulfills the Human Diversity Requirement.
- HIST 304 - Late Antiquity and the Fall of Rome Credits: 3 HIST 304 is a writing infused course.
- HIST 305 - Early Middle Ages Credits: 3 HIST 305 is a writing infused course. HIST 305 also fulfills the Human Diversity Requirement.
- HIST 306 - Later Middle Ages Credits: 3 HIST 306 is a writing infused course. HIST 306 also fulfills the Human Diversity Requirement
- HIST 311 - Early Modern France, 1500-1789 Credits: 3 HIST 311 is a writing infused course.
- HIST 319 - The Early Islamic World Credits: 3
- HIST 323 - History of Science Credits: 3 HIST 323 is available for general education credit.
- HIST 336 - Russia to 1861 Credits: 3 HIST 336 also fulfills the Human Diversity Requirement.
- HIST 340 - Ancient India Credits: 3 HIST 340 is a writing infused course. HIST 340 also fulfills the Human Diversity Requirement
- HIST 342 - History of Southeast Asia to ca. 1800 Credits: 3 HIST 342 also fulfills the Human Diversity Requirement.
- HIST 344 - History of Ancient China Credits: 3
- HIST 348 - African History to 1600 Credits: 3 HIST 348 also fulfills the Human Diversity Requirement
- HIST 350 - Japan to 1600 Credits: 3 HIST 350 also fulfills the Human Diversity Requirement
- HIST 357 - Britain to 1688 Credits: 3 HIST 357 is a writing infused course.
- HIST 360 - Early Encounters in Native North America Credits: 3 HIST 360 also fulfills the Human Diversity Requirement
- HIST 381 - Colonial Latin America Credits: 3 Available for general education credit. HIST 381 is a Writing Infused Course. HIST 381 also fulfills the Human Diversity Requirement. This is a society and culture general education course for the Origins and Influences Pathway.
- HIST 391 - Topics in History Credits: 3 A. Group A
- HIST 407 - Medieval Women Credits: 3 HIST 407 is a writing infused course. HIST 407 also fulfills the Human Diversity Requirement
- HIST 408 - Medieval Everyday Life Credits: 3 HIST 408 also fulfills the Human Diversity Requirement
- HIST 414 - European Wars of Religion, 1520-1660 Credits: 3 HIST 414 also fulfills the Human Diversity Requirement
- HIST 416 - The Age of Enlightenment Credits: 3 HIST 416 is a writing infused course.
- HIST 420 - The Renaissance Credits: 3
- HIST 421 - The Catholic and Protestant Reformations Credits: 3
- HIST 422 - Early Modern Europe Credits: 3 HIST 422 is a writing infused course. HIST 422 also fulfills the Human Diversity Requirement.
- HIST 456 - Ancient Mediterranean Credits: 3
- HIST 458 - Mediterranean World, 1450-1750 Credits: 3 HIST 458 also fulfills the Human Diversity Requirement
- HIST 459 - The Atlantic World, 1492-1860s Credits: 3 HIST 459 also fulfills the Human Diversity Requirement
- HIST 491 - Special Topics in History Credits: 3 A. Ancient
- HIST 491 - Special Topics in History Credits: 3 B. Medieval

Group B:

- HIST 339 - French Overseas Empire Credits: 3 HIST 339 also fulfills the Human Diversity Requirement.
- HIST 341 - History of India: 1740-1947 Credits: 3 HIST 341 also fulfills the Human Diversity Requirement.
- HIST 343 - History of Southeast Asia Since ca. 1800 Credits: 3 Available for general education credit. HIST 343 is a writing infused course. This is a society and culture general education course for the Global Connections Pathway.
- HIST 345 - History of China Since the T'ang Dynasty Credits: 3
- HIST 346 - Women in Asian History Credits: 3 HIST 346 also fulfills the Human Diversity Requirement.
- HIST 349 - African History Since 1600 Credits: 3 Available for general education credit. HIST 349 also fulfills the Human Diversity Requirement.
- HIST 351 - Japan Since 1600 Credits: 3 HIST 351 also fulfills the Human Diversity Requirement.
- HIST 352 - Popular Culture in Japan Credits: 3 Available for general education credit. HIST 352 also fulfills the Human Diversity Requirement. This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- HIST 353 - Women in African History Credits: 3 HIST 353 is a writing infused course. HIST 353 also fulfills the Human Diversity Requirement.
- HIST 382 - Modern Latin America Credits: 3 Available for general education credit. HIST 382 is a writing infused course. HIST 382 also fulfills the Human Diversity Requirement. This is a society and culture

general education course for the Global Connections Pathway.

- HIST 383 - Latin America through Film Credits: 3 Available for general education credit. HIST 383 also fulfills the Human Diversity Requirement.
- HIST 386 - History of Human Rights Credits: 3 Available for general education credit. HIST 386 is a writing infused course. This is a nature and technology general education course for the Health and Wellness Pathway.
- HIST 387 - History of Genocide Credits: 3 HIST 387 also fulfills the Human Diversity Requirement.
- HIST 388 - The Cuban Revolution and Its Legacy Credits: 3 Available for general education credit. HIST 388 also fulfills the Human Diversity Requirement. This is a society and culture general education course for the Global Connections Pathway.
- HIST 389 - Global Climate History Credits: 3 HIST 389 is a writing infused course.
- HIST 391 - Topics in History Credits: 3 B. Group B
- HIST 402 - Gender and Sexuality in History Credits: 3 HIST 402 also fulfills the Human Diversity Requirement.
- HIST 428 - Gender and War Credits: 3 HIST 428 also fulfills the Human Diversity Requirement.
- HIST 440 - Islam and Colonialism in Africa Credits: 3 HIST 440 is a writing infused course. HIST 440 also fulfills the Human Diversity Requirement.
- HIST 441 - The African Diaspora Credits: 3 HIST 441 also fulfills the Human Diversity Requirement.
- HIST 442 - History of Buddhist Southeast Asia Credits: 3 HIST 442 also fulfills the Human Diversity Requirement.
- HIST 443 - History of Islamic Southeast Asia Credits: 3
- HIST 444 - Japanese Empire Credits: 3 HIST 444 is a writing infused course. HIST 444 also fulfills the Human Diversity Requirement.
- HIST 445 - The Chinese Revolution Credits: 3 HIST 445 is a writing infused course.
- HIST 447 - History of Burma Credits: 3 HIST 447 is a writing infused course. HIST 447 also fulfills the Human Diversity Requirement.
- HIST 449 - History of Malaysia and Singapore Credits: 3
- HIST 481 - Indigenous Mexico Credits: 3 HIST 481 also fulfills the Human Diversity Requirement.
- HIST 482 - Mexico Since 1810 Credits: 3
- HIST 484 - History of Brazil Credits: 3 HIST 484 is a writing infused course. HIST 484 also fulfills the Human Diversity Requirement.
- HIST 486 - Inequality in Latin America Credits: 3 HIST 486 is a writing infused course. HIST 486 also fulfills the Human Diversity Requirement.
- HIST 487 - The Latin American City Credits: 3
- HIST 491 - Special Topics in History Credits: 3 G. African
- HIST 491 - Special Topics in History Credits: 3 J. Asian
- HIST 491 - Special Topics in History Credits: 3 N. Latin American
- HIST 491 - Special Topics in History Credits: 3 R. General/Comparative
- HIST 491 - Special Topics in History Credits: 3 U. Global

Group C:

- HIST 312 - France Since 1815 Credits: 3
- HIST 322 - Women in Modern Europe Credits: 3 HIST 322 also fulfills the Human Diversity Requirement.
- HIST 326 - 19th Century Europe Credits: 3
- HIST 327 - Europe, 1900-1945 Credits: 3
- HIST 328 - Europe, 1945-Present Credits: 3
- HIST 337 - Russia Since 1861 Credits: 3 HIST 337 also fulfills the Human Diversity Requirement.
- HIST 354 - History of Black American Business and Entrepreneurship Credits: 3 HIST 354 also fulfills the Human Diversity Requirement.
- HIST 355 - History of Black American Music Credits: 3 Available for general education credit. HIST 355 is a writing infused course. This is a society and culture general education course for the Creativity, Innovation, and Change Pathway.
- HIST 356 - Modern Ireland Credits: 3 HIST 356 is a writing infused course. HIST 356 also fulfills the Human Diversity Requirement.
- HIST 358 - Britain Since 1688 Credits: 3
- HIST 359 - History of Illinois Credits: 3
- HIST 361 - History of Health and Medicine in the United States Credits: 3 Available for general education credit. HIST 361 also fulfills the Human Diversity Requirement. This is a nature and technology general education course for the Health and Wellness Pathway.
- HIST 362 - The Hunt for "Un-Americans" in U.S. History Credits: 3 HIST 362 also fulfills the Human Diversity Requirement.
- HIST 363 - U.S. Sport History Credits: 3
- HIST 364 - African-American History to 1865 Credits: 3 Available for general education credit. HIST 364 also fulfills the Human Diversity Requirement. This is a society and culture general education course for the Origins and Influences Pathway.
- HIST 365 - African-American History Since 1865 Credits: 3 Available for general education credit. HIST 365 also fulfills the Human Diversity Requirement. This is a society and culture general education course for the Social Justice and Diversity Pathway.
- HIST 366 - Farms, Food, and Rural America Credits: 3
- HIST 367 - U.S. LGBT History Credits: 3 HIST 367 also fulills the Human Diversity Requirement.
- HIST 368 - The History of Chicago Credits: 3 HIST 368 also fulfills the Human Diversity Requirement.
- HIST 369 - Women in United States History Credits: 3 Available for general education credit. HIST 369 also fulfills the Human Diversity Requirement. This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- HIST 370 - Introduction to American Indian History Credits: 3 HIST 370 also fulfills the Human Diversity Requirement.
- HIST 371 - The American West Credits: 3
- HIST 372 - History of the South Credits: 3

- HIST 373 - Strikes, Riots, and Uprisings in U.S. History Credits: 3 HIST 373 is a writing infused course. HIST 373 also fulfills the Human Diversity Requirement.
- HIST 374 - Latinos/as in the United States Credits: 3 HIST 374 is a writing infused course. HIST 374 also fulfills the Human Diversity Requirement.
- HIST 375 - Civil Rights Movement, 1954-1974 Credits: 3 HIST 375 is a writing infused course. HIST 375 also fulfills the Human Diversity Requirement.
- HIST 376 - U.S. Capitalism and its Critics Credits: 3 HIST 376 also fulfills the Human Diversity Requirement.
- HIST 377 - American Environmental History Credits: 3 Available for general education credit. HIST 377 also fulfills the Human Diversity Requirement. This is a nature and technology general education course for the Sustainability Pathway.
- HIST 379 - American Military History Credits: 3
- HIST 380 - U.S. Constitutional History Credits: 3
- HIST 381 - Colonial Latin America Credits: 3 Available for General Education credit in the Society and Culture Domain. HIST 381 is a Writing Infused Course. HIST 381 also fulfills the Human Diversity Requirement.
- HIST 391 - Topics in History Credits: 3 C. Group C
- HIST 402 - Gender and Sexuality in History Credits: 3 HIST 402 also fulfills the Human Diversity Requirement.
- HIST 418 - Modern European Cultural History Credits: 3
- HIST 423 - The French Revolution and Napoleon Credits: 3 HIST 423 also fulfills the Human Diversity Requirement.
- HIST 425 - World War II Credits: 3
- HIST 429 - Nazi Germany Credits: 3 HIST 429 also fulfills the Human Diversity Requirement.
- HIST 434 - The Russian Revolution Credits: 3 HIST 434 is a writing infused course. HIST 434 also fulfills the Human Diversity Requirement.
- HIST 435 - Stalinism Credits: 3 HIST 435 is a writing infused course. HIST 435 also fulfills the Human Diversity Requirement.
- HIST 452 - British Empire Credits: 3 HIST 452 also fulfills the Human Diversity Requirement.
- HIST 454 - Victorian Britain Credits: 3
- HIST 461 - The American Revolution Credits: 3 HIST 461 is a writing infused course. HIST 461 also fulfills the Human Diversity Requirement.
- HIST 464 - Civil War Era Credits: 3 HIST 464 also fulfills the Human Diversity Requirement.
- HIST 465 - Gilded Age and Progressive Era Credits: 3 HIST 465 is a writing infused course. HIST 465 also fulfills the Human Diversity Requirement.
- HIST 466 - Corporate America: 1900-1929 Credits: 3
- HIST 467 - The U.S. in Depression and War, 1929-1960 Credits: 3 HIST 467 also fulfills the Human Diversity Requirement.
- HIST 468 - America Since 1960 Credits: 3 HIST 468 also fulfills the Human Diversity Requirement.
- HIST 471 - Workers in U.S. History, 1787-Present Credits: 3 HIST 471 also fulfills the Human Diversity Requirement.
- HIST 474 - Immigration in the United States Credits: 3
- HIST 475 - The United States and Southeast Asia and the Indian Subcontinent Credits: 3 HIST 475 is a writing infused course. HIST 475 also fulfills the Human Diversity Requirement.
- HIST 476 - American Foreign Relations to 1914 Credits: 3 HIST 476 also fulfills the Human Diversity Requirement.
- HIST 477 - American Foreign Relations Since 1914 Credits: 3 HIST 477 is a writing infused course. HIST 477 also fulfills the Human Diversity Requirement.
- HIST 491 - Special Topics in History Credits: 3 C. Early Modern European (including British)
- HIST 491 - Special Topics in History Credits: 3 D. Modern European (including British)
- HIST 491 - Special Topics in History Credits: 3 E. Russian and Eastern European
- HIST 491 - Special Topics in History Credits: 3 M. United States

Requirements outside Department (B.A., 0-12; B.S., 10-15)

For the B.A. degree

Fulfillment of B.A. foreign language requirement (0-12)
See "Foreign Language Requirement for the B.A. Degree" in the Other Graduation Requirements section of this catalog.

For the B.S. degree

Laboratory science/mathematical/computational skills sequence (10-15)
See "College Requirement for the B.S. Degree" in the Other Graduation Requirements section of this catalog.

Total Hours for a Major in History: 40-52 (B.A.) OR 50-55 (B.S.)

Minor

Minor in History (18)

Check departmental information for any additional requirements.

Requirements (18)

At least 6 semester hours of 300-/400-level courses must be taken at NIU.

Course work from the following (0-12)

- HIST 110 - History of the Western World I: Problems in the Human Past Credits: 3 Available for general education credit. HIST 110 also fulfills the Human Diversity Requirement.
- HIST 112 - History of the Western World II: Problems in the Human Past Credits: 3 Available for general

education credit. HIST 112 also fulfills the Human Diversity Requirement.

- HIST 140 - Asia to 1500 Credits: 3 Available for general education credit. HIST 140 also fulfills the Human Diversity Requirement. This is a creativity and critical analysis general education course for the Global Connections Pathway.
- HIST 141 - Asia Since 1500 Credits: 3 Available for general education credit. HIST 141 also fulfills the Human Diversity Requirement. This is a creativity and critical analysis general education course for the Global Connections Pathway.
- HIST 170 - World History I: Problems in the Human Past Credits: 3 Available for general education credit. HIST 170 also fulfills the Human Diversity Requirement. This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- HIST 171 - World History II: Problems in the Human Past Credits: 3 Available for general education credit. HIST 171 also fulfills the Human Diversity Requirement. This is a creativity and critical analysis general education course for the Sustainability Pathway.
- HIST 260 - American History to 1865 Credits: 3 Available for general education credit. HIST 260 also fulfills the Human Diversity Requirement. This is a creativity and critical analysis general education course for the Social Justice and Diversity Pathway.
- HIST 261 - American History since 1865 Credits: 3 Available for general education credit. HIST 261 also fulfills the Human Diversity Requirement. This is a creativity and critical analysis general education course for the Sustainability Pathway.
- HIST 364 - African-American History to 1865 Credits: 3 Available for general education credit. HIST 364 also fulfills the Human Diversity Requirement. This is a society and culture general education course for the Origins and Influences Pathway.
- HIST 365 - African-American History Since 1865 Credits: 3 Available for general education credit. HIST 365 also fulfills the Human Diversity Requirement. This is a society and culture general education course for the Social Justice and Diversity Pathway.

Electives at the 300-400 level (6-18)

Educator Licensure

Educator Licensure - Social Sciences: History

Students who want to be licensed to teach history at the secondary level should declare their intention with the department's History and Social Sciences Educator Licensure Program at the earliest possible opportunity. Educator licensure involves significant requirements in addition to the completion of a degree in history.

Admission

Students are admitted to the History and Social Sciences Educator Licensure Program when they have:

- established a file with the History and Social Sciences Educator Licensure Program and completed satisfactory reviews of progress each semester after establishment of the file;
- attained junior standing and completed at least 12 semester hours at NIU with a minimum GPA of 2.67;
- passed the Test of Academic Proficiency or equivalent recognized by the ISBE;
- completed at least 6 semester hours of history at NIU and earned a minimum GPA of 3.00 in all history courses taken at NIU;
- met all other Illinois State Board of Education (ISBE) requirements for admission to an educator licensure program; and
- completed the foundational studies requirements in writing and oral communication;
- obtained approval from the History and Social Sciences Educator Licensure Program.

Retention

Students admitted to the program must maintain program GPA requirements, display appropriate professional dispositions, and complete a satisfactory review of progress each semester with the History and Social Sciences Educator Licensure Program. Students must also pass any additional tests required by the ISBE for educator licensure such as the appropriate state Content Area Test (taken before student teaching) and the Teacher Performance Assessment (taken before program completion).

Department Requirements

Students must complete the requirements for a degree in history. They also must complete HIST 496, History and Social Science Instruction for Secondary and Middle Grades Educators, and HIST 400, Student Teaching in History/Social Sciences for Secondary Educators. Except in unusual circumstances, HIST 496 must be taken in the semester immediately prior to enrollment in HIST 400 and concurrently with the Third Clinical Secondary School Experience in History/Social Sciences. Students are admitted to HIST 400 only upon satisfactory completion of all other work required for graduation and licensure.

Other Requirements

Students pursuing educator licensure must take additional, approved course work in history and the social sciences to acquire the broad-based, interdisciplinary knowledge required of secondary social studies educators. Students must also complete approved professional education course work

in areas such as special education methods, content-area literacy, and teaching English-language learners. Contact the History and Social Science Educator Licensure Program for the current list of history, social science, and education courses approved for fulfilling these requirements.

Students must also complete a three-semester sequence of pre-student teaching clinical experiences, including HIST 401, Third Clinical Secondary School Experience in History/Social Sciences, as well as HIST 400, Student Teaching in History/Social Sciences for secondary Educators. Except in unusual circumstances, students are admitted to HIST 400 only upon satisfactory completion of all other work required for graduation and licensure.

Students pursuing educator licensure must have a grade of C or better in all course work specifically required for licensure. Higher number courses may be substituted if approved by the department.

The History and Social Sciences Educator Licensure Program complies with all ISBE rules as they relate to licensure as outlined in Title 23, Part 25 of the Illinois Administrative Code and all other applicable state laws and university requirements. Students should consult with the History and Social Sciences Educator Licensure Program to determine the necessary requirements to obtain educator licensure.

Placements

The History and Social Sciences Educator Licensure Program cannot guarantee geographic area, subject area, or availability of placements for clinical experiences including student teaching. All placements are arranged through the College of Liberal Arts and Sciences Office of School Partnerships and Placements.

The Degree with Honors

History Degree with Honors

The departmental degree with honors in history is available to majors. Admission is either by application of the student or by nomination from History faculty. Students who enter the program must have and maintain a cumulative GPA of at least 3.00 in all course work at NIU and at least 3.50 in history courses. Applications and nominations are made to the Director of Undergraduate Studies and approved by the department's undergraduate committee. Ordinarily admission to the program should not be postponed beyond the first semester of the junior year.

To graduate "With Honors in History," a student must be a history major, take a minimum of 18 semester hours of history honors courses, earn a grade of B or better in HIST 495, and maintain the GPA requirements stated above. Most history departmental honors courses are not separate courses but rather subsections of regular courses. HIST 495 will count toward the required 18 semester hours of honors work in history. With the approval of the undergraduate committee, students can contract to do special work (study abroad, field schools, language training, internships, taking a graduate course as an undergraduate, or other experience) that will substitute for up to 6 semester hours of history honors courses. For more information, contact the department's Director of Undergraduate Studies.

The University Honors Program is separate but complementary to the departmental degree with honors. Eligible students may participate in one or both programs simultaneously since there is some overlap in the requirements. Students interested in the University Honors Program are encouraged to contact the University Honors office for more detailed information.

Accelerated Integrated Degree

Accelerated B.A. or B.S./J.D Program in History and the College of Law

Admission

The six-year accelerated program leads to either the B.A. or B.S. in History and J.D. degrees. Students who wish to complete this program must identify themselves to the History Department as majors who wish to complete the accelerated program. All undergraduates who major in history and have completed at least 90 credit hours of undergraduate course work (including all general education and major requirements as well as the requirements for a B.A. or B.S. degree with the exception of HIST 495) with a minimum GPA of 3.25 are eligible to apply for admission to NIU's College of Law under the special provisions of this program. HIST 495 is required and must be completed no later than the first semester of the fourth year. As part of the application to the College of Law, applicants must take the LSAT and earn a score at or above the 50th percentile of the previous year's matriculating law class. Students are encouraged to apply to the program as early as possible during their junior year. Admission will be on a competitive basis, and the likelihood of admission will depend on the number and quality of applicants to the program, the number and quality of applicants to the College of Law in general, as well as other factors normally considered in admissions decisions by the College of Law.

Curriculum

Students accepted into the College of Law pursuant to this program will start taking law classes at the beginning of their fourth year. Up to 30 credits of law courses will be counted toward the bachelor's degree. It is expected that students will have satisfied the HIST 495 requirement before the beginning the fifth year. After completing all laws degree requirements in the College of Law, students will receive their Juris Doctor degree.

Mathematical Sciences (MATH)

The Department of Mathematical Sciences offers the B.S. degree with a major in mathematical sciences with emphases in general mathematical sciences, applied mathematics, computational mathematics, and mathematics education. Students who successfully complete the program and pass the state mandated Teacher Performance Assessment will have completed all required Illinois State Board of Education (ISBE) and Council for the Accreditation of Educator Preparation (CAEP) standards for receiving university recommendation for licensure to teach mathematics at the 9-12 grade levels. Successful completion of the program without receipt of a passing score on the state mandated Teacher Performance Assessment will result in the student receiving a degree without university recommendation for licensure.

The department also offers minors in mathematical sciences and elementary mathematics education. These minors should be of interest to students majoring in the physical or social sciences or in business. In addition, the department offers an honors program in mathematical sciences and participates in the University Honors Program.

Several of the department's courses fulfill the university quantitative literacy foundational studies requirement, and others can be used by non-majors toward fulfilling the nature and technology knowledge domain requirements in the university's general education program. In addition, many of its courses are included as requirements for other programs.

Department Regulations

Mathematical sciences majors are not permitted to count courses in computer science (CSCI) toward fulfilling general education area requirements.

Department Requirements

Students majoring or minoring in mathematical sciences must obtain a minimum GPA of 2.00 in those MATH/STAT courses applicable to that major or minor. Courses not applicable to the major or minor are identified in the course descriptions. Some emphases and programs may have a higher GPA requirement; see the appropriate section of the catalog.

All majors are required to have a satisfactory portfolio of work done during their undergraduate studies on file in the Department of Mathematical Sciences. The contents of the portfolio are to be used to assess the department's program and are to be accumulated largely through course work assignments and examinations; students are expected to cooperate with instructors as these items are collected. In addition, each student must submit in his or her senior year a 250-300 word typed essay describing the student's experience in the major, including comments on the connections of mathematics with other disciplines. Details on the submission of materials and approval of the portfolio should be obtained from the student's adviser in the Department of Mathematical Sciences.

Mathematics Placement Examination Policy

Students who plan to take MATH 104 and MATH 105, or MATH 110, MATH 155, MATH 206, MATH 210, MATH 211, or MATH 229, and who do not meet the prerequisite requirements, must take the Mathematics Placement Examination, so they may begin their mathematical studies at the appropriate level.

Proficiency Examination Policy

Ordinarily students will not be allowed to attempt a proficiency examination for a course if they have received credit for a higher numbered course (for exceptions, consult the department).

Mathematical Sciences Faculty

Jeffrey L. Thunder, Ph.D., University of Colorado, professor, chair
Douglas Bowman, Ph.D., University of California, Los Angeles, professor
Jose Yunier Bello Cruz Ph.D., Institute of Pure and Applied Mathematics - Brazil, associate professor
Biswa N. Datta, Ph.D., University of Ottawa, Distinguished Research Professor
Sien Deng, Ph.D., University of Washington, professor
Ricela Feliciano-Semidei, Ph.D., University of Montana, assistant professor
Alastair Fletcher, Ph.D., University of Warwick, professor
Michael Geline, Ph.D., University of Chicago, professor
Daniel Grubb, Ph.D., Kansas State University, associate professor
Ilya Krishtal, Ph.D., Voronezh State University, professor
Nathan Krislock Ph.D., University of Waterloo, associate professor
Ying C. Kwong, Ph.D., University of Wisconsin, Madison, associate professor
Anders Linnér, Ph.D., Case Western Reserve University, associate professor
Christopher McCord, Ph.D., University of Wisconsin, professor
Maya Mincheva, Ph.D., University of Waterloo, professor
Deepak Naidu, Ph.D., University of New Hampshire, associate professor
Rachel Rupnow, Ph.D., Virginia Polytechnic Institute and State University, assistant professor
Mary Shafer, Ph.D., University of Wisconsin, associate professor
Gleb Sirotkin, Ph.D., Indiana University/Purdue University, Indianapolis, associate professor

Majors

Mathematical Sciences (B.S.)

The student learning outcomes for this degree are located at https://www.niu.edu/effectiveness/_files/outcomes/clas/mathematical-sciences-bs.pdf.

Check departmental information for any additional requirements.

Emphasis 1. General

Requirements in Department (40-42)

- MATH 229 - Calculus I Credits: 4
- MATH 230 - Calculus II Credits: 4
- MATH 232 - Calculus III Credits: 4
- MATH 240 - Linear Algebra and Applications Credits: 4
- MATH 336 - Ordinary Differential Equations Credits: 3
- MATH 360 - Model Building in Applied Mathematics Credits: 3 MATH 360 is a writing infused course.
- MATH 420 - Abstract Algebra I Credits: 3
- MATH 421 - Abstract Algebra II Credits: 3
    - OR MATH 423 - Linear and Multilinear Algebra Credits: 3
- MATH 430 - Elementary Real Analysis I Credits: 3
- MATH 431 - Elementary Real Analysis II Credits: 3
- Two additional courses from MATH courses numbered above MATH 333, with the exception of MATH 401 to MATH 419 inclusive, or STAT courses numbered above 299 (6-8).

Requirement outside Department (4)

- CSCI 240 - Computer Programming in C++ Credits: 4

Total Hours for Emphasis 1, General: 44-46

Recommendations

- MATH 440 - Elements of Complex Analysis Credits: 3
- MATH 450 - Introduction to Topology Credits: 3
- PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4 Available for general education credit.

Emphasis 2. Applied Mathematics

Requirements in Department (37-40)

- MATH 229 - Calculus I Credits: 4
- MATH 230 - Calculus II Credits: 4
- MATH 232 - Calculus III Credits: 4
- MATH 240 - Linear Algebra and Applications Credits: 4
- MATH 336 - Ordinary Differential Equations Credits: 3
    - OR MATH 334 - Foundations of Applied Mathematics Credits: 4
- MATH 360 - Model Building in Applied Mathematics Credits: 3 MATH 360 is a writing infused course.
- MATH 430 - Elementary Real Analysis I Credits: 3
- MATH 431 - Elementary Real Analysis II Credits: 3

Two of the following (6-7)

- MATH 420 - Abstract Algebra I Credits: 3
- MATH 434 - Numerical Linear Algebra Credits: 3
- MATH 435 - Numerical Analysis Credits: 3
- MATH 438 - Theory of Differential Equations Credits: 3
- MATH 439 - Applied Mathematics for Sciences and Engineering Credits: 3
    - OR MATH 442 - Elements of Partial Differential Equations Credits: 3
- MATH 440 - Elements of Complex Analysis Credits: 3
- MATH 444 - Linear Programming and Network Flows Credits: 3
- MATH 460 - Modeling Dynamical Systems Credits: 3
- STAT 400 - Introduction to Probability Theory Credits: 3
    - OR ACSC 400X - Introduction to Probability Theory Credits: 3
- STAT 401 - Stochastic Processes Credits: 4

One additional MATH/STAT course numbered above MATH 333, with the exception of MATH 401 to MATH 419 inclusive. (3-4)

Requirements outside Department (7)

- CSCI 240 - Computer Programming in C++ Credits: 4
- STAT 300 - Introduction to Probability and Statistics Credits: 3

Total Hours for Emphasis 2, Applied Mathematics: 44-47

Special Requirement

Students in this emphasis are required to complete a minor selected with the approval of the department.

Emphasis 3. Computational Mathematics

Requirements in Department (37-38)

- MATH 229 - Calculus I Credits: 4
- MATH 230 - Calculus II Credits: 4
- MATH 232 - Calculus III Credits: 4
- MATH 240 - Linear Algebra and Applications Credits: 4
- MATH 360 - Model Building in Applied Mathematics Credits: 3 MATH 360 is a writing infused course.
- MATH 420 - Abstract Algebra I Credits: 3
- MATH 430 - Elementary Real Analysis I Credits: 3
- MATH 434 - Numerical Linear Algebra Credits: 3
- MATH 435 - Numerical Analysis Credits: 3

One of the following (3-4)

- MATH 380 - Elementary Combinatorics Credits: 3
- MATH 423 - Linear and Multilinear Algebra Credits: 3
- MATH 440 - Elements of Complex Analysis Credits: 3
- MATH 444 - Linear Programming and Network Flows Credits: 3
- MATH 445 - Mathematics of Data Science Credits: 3
- MATH 496 - Seminar in Computational Mathematics Credits: 3
- STAT 435 - Applied Regression Analysis Credits: 3

Additional course (3-4)

One additional course from:

- CSCI 340 - Data Structures and Algorithm Analysis Credits: 4
- CSCI 464 - Data Structures in Assembly Language Credits: 4
- MATH/STAT courses numbered above 333, with the exception of MATH 401 to MATH 419 inclusive. (3-4)

Requirements outside Department (7)

- CSCI 240 - Computer Programming in C++ Credits: 4
- STAT 300 - Introduction to Probability and Statistics Credits: 3

Total Hours for Emphasis 3, Computational Mathematics: 44-45

Emphasis 4. Mathematics Education

To be licensed to teach secondary school mathematics (9-12 grades), the Illinois State Board of Education requires that students must have passed all the MATH/STAT and professional education courses applicable to their major (Mathematics Education emphasis at NIU) with a grade of C or better. In addition to the course work and licensure requirements in the Department of Mathematical Sciences, students must complete other course work and licensure requirements outside the department. Students who successfully complete the program and pass the state mandated Teacher Performance Assessment will have completed all required ISBE standards for receiving university recommendation for licensure to teach mathematics at the 9-12 grade levels. A minor that includes a teaching endorsement in a teaching area outside of mathematics is highly desirable to enhance placement opportunities. Students who wish to pursue the emphasis in mathematics education and to seek educator licensure should consult with an adviser in the Department of Mathematical Sciences before enrolling in ILAS 201. Transfer and postbaccalaureate students should see an adviser in the Department of Mathematical Sciences on arrival. Graduate students majoring in the mathematical sciences, graduate students majoring in secondary education, and students-at-large should consult the *Graduate Catalog*.

Requirements in Department (40)

- MATH 229 - Calculus I Credits: 4
- MATH 230 - Calculus II Credits: 4
- MATH 232 - Calculus III Credits: 4
- MATH 240 - Linear Algebra and Applications Credits: 4
- MATH 353 - Axiomatic Geometry Credits: 3
- MATH 360 - Model Building in Applied Mathematics Credits: 3 MATH 360 is a writing infused course.
- MATH 401 - Clinical Secondary School Experience in Mathematics Credits: 1-2 If MATH 401 is not completed at the student teaching school, MATH 419, Secondary School Mathematics Clinical Experience (0) may be required.
    - OR MATH 419 - Secondary School Mathematics Clinical Experience Credits: 0
- MATH 410 - Methods of Instruction in the Mathematics Curriculum for the Middle School II Credits: 3 MATH 410 is a Writing Infused course.
    - OR MATH 411 - Methods of Instruction in the Mathematics Curriculum for Secondary School I Credits: 3 MATH 411 is a Writing Infused course.
- MATH 412 - Methods of Instruction in the Mathematics Curriculum for Secondary School II Credits: 3
- MATH 413 - Student Teaching (Secondary) in Mathematics Credits: 7-12 Admission to MATH 413 is dependent on the availability of resources. Students are normally admitted to MATH 413 only after satisfactory completion of MATH 412 at NIU and all other course work required for licensure.
- MATH 420 - Abstract Algebra I Credits: 3
- MATH 430 - Elementary Real Analysis I Credits: 3

One of the following (3)

- MATH 380 - Elementary Combinatorics Credits: 3
- MATH 416 - Topics in Mathematics for Teachers Credits: 3
- MATH 434 - Numerical Linear Algebra Credits: 3
- MATH 435 - Numerical Analysis Credits: 3
- MATH 440 - Elements of Complex Analysis Credits: 3
- MATH 444 - Linear Programming and Network Flows Credits: 3
- MATH 450 - Introduction to Topology Credits: 3
- MATH 480 - Number Theory Credits: 3

One additional course from the following (3)

- MATH 336 - Ordinary Differential Equations Credits: 3
- MATH 421 - Abstract Algebra II Credits: 3
- MATH 423 - Linear and Multilinear Algebra Credits: 3
- MATH 431 - Elementary Real Analysis II Credits: 3
- MATH 456 - Linear Geometry Credits: 3
- MATH 480 - Number Theory Credits: 3

- STAT 400 - Introduction to Probability Theory Credits: 3
    - OR ACSC 400X - Introduction to Probability Theory Credits: 3

Requirements outside Department (7)

- CSCI 240 - Computer Programming in C++ Credits: 4
- STAT 300 - Introduction to Probability and Statistics Credits: 3

Recommendations

Courses in chemistry and physics with at least one laboratory course. These courses satisfy the Nature and Technology general education requirement.

ENGL 350, which satisfies a Creativity and Critical Analysis general education requirement.

Special Departmental Requirements for Licensure

Admission Requirements

Students are admitted to the Secondary Mathematics Educator Licensure Program when they have:

- Established an advising file with the Secondary Mathematics Educator Licensure Program and completed satisfactory reviews of progress each semester after establishment of the file;
- Completed at least 12 semester hours at NIU with a cumulative GPA of at least 2.50;
- Earned a minimum GPA of 2.25 in all courses counted for credit toward the major and a minimum grade of C in all Mathematics courses;
- Earned a minimum GPA of 2.25 in all courses counted for credit toward the major numbered above MATH 231;
- Completed at least 20 clock hours of approved early clinical experiences;
- Obtained approval from the Secondary Mathematics Educator Licensure Program.

Retention

Students admitted to the licensure program must:

- Maintain a GPA of 2.50 in all course work taken at NIU;
- Maintain a minimum GPA of 2.25 in all courses counted for credit toward the major;
- Maintain a minimum GPA of 2.25 in all courses counted for credit toward the major numbered above MATH 231;
- Complete a satisfactory review of progress each semester with a Coordinator of Educator Licensure in the Department of Mathematical Sciences;
- Take and pass the Test of Academic Proficiency (TAP) of the Illinois Licensure Testing System (ILTS) or meet the ACT/SAT/TAP substitution according to the Illinois State Board of Education rules;
- Take and pass the ILTS Mathematics Content Exam prior to applying for MATH 401/Student Teaching;
- Take and pass the Teacher Performance Assessment (edTPA) before completion of the program

Clinical Requirements

The Illinois State Board of Education (ISBE) requires a minimum of 100 clock hours of substantial, varied and sequential clinical experiences prior to student teaching. This requirement may be satisfied by completing the following sequence of courses:

- ILAS 201 - Introductory Clinical Experience Credits: 1
- ILAS 301 - Second Clinical Experience Credits: 1 (usually taken usually taken the same semester as EPS 406 or equivalent)
- MATH 401 - Clinical Secondary School Experience in Mathematics Credits: 1-2 If MATH 401 is not completed at the student teaching school, MATH 419, Secondary School Mathematics Clinical Experience (0) may be required.

Undergraduates must consult with the Coordinator of Educator Licensure in the Department of Mathematics about admission to ILAS 201, ILAS 301, and MATH 401. Postbaccalaureate students should consult with the Coordinator of Educator Licensure in the Department of Mathematics upon arrival.

Professional Education Course Requirements

The ISBE and requirements for educator licensure in Mathematics at NIU also specify that candidates must earn a grade of C or better for each course included in required professional course work in human development and learning, and teaching of English Language Learners, teaching exceptional children. Candidates should consult with the Coordinator of Educator Licensure in Mathematics to determine which courses satisfy these additional requirements outside the department.

Please note: the above classes for educator licensure may change to reflect new state requirements.

Additional Requirements

For detailed information, see "University Graduation Requirements."

In some cases requirements for licensure in secondary mathematics exceed those required by the university for a baccalaureate degree. Therefore, students should consult with an adviser within the department as early as possible about meeting general education requirements.

The educator licensure requirements are the same for undergraduate mathematical sciences majors with an emphasis in mathematics education and for postbaccalaureate students seeking licensure in mathematics without becoming a candidate for a degree.

Documentation of the completion of a first aid course, experience with drug abuse education, or an education experience with other social issues in schools (may be satisfied by course work or an approved experience).

Exit Examination

Students seeking licensure must pass the edTPA. Students who successfully complete the program and pass the state mandated Teacher Performance Assessment will have completed all required Illinois State Board of Education standards for receiving university recommendation for licensure to teach mathematics at the 9-12 grade levels. Information about this test may be obtained from the ISBE.

Total Hours for Emphasis 4, Mathematics Education: 47

Minor

Minor in Elementary Mathematics Education (23)

This minor is available only to undergraduates majoring in elementary education. Students interested in pursuing the minor in elementary mathematics education should consult with an adviser in the Department of Mathematical Sciences before the end of the sophomore year. Transfers and postbaccalaureate students seeking a degree in elementary education should consult with an adviser on arrival. The Illinois State Board of Education (ISBE) requires that students must have passed all the MATH and STAT courses applicable to their minor in Mathematics Education with a grade of C or better.

A minimum GPA of 2.25 in all courses counted for credit toward the minor numbered above MATH 201 is required.

Six or more semester hours in the minor must be taken at NIU.

Check departmental information for any additional requirements.

Requirements (23)

- MATH 201 - Foundations of Elementary School Mathematics Credits: 3 (Available for general education credit.)
- MATH 229 - Calculus I Credits: 4 (Available for general education credit.)
- MATH 302 - Introduction to Geometry Credits: 3
- MATH 402 - Methods of Instruction in the Mathematics Curriculum for Elementary School I Credits: 3
- MATH 403 - Methods of Instruction in the Mathematics Curriculum for Elementary School II Credits: 3
- STAT 200 - Elementary Statistics Credits: 4

One of the following courses (3)

- MATH 206 - Introductory Discrete Mathematics Credits: 3 (Available for general education credit.)
- MATH 210 - Finite Mathematics Credits: 3 (Available for general education credit.)
- MATH 303 - Introduction to Number Theory Credits: 3
- MATH 304 - History of Mathematics Through the 17th Century Credits: 3

Minor in Mathematical Sciences (20-23)

Check departmental information for any additional requirements.

Option 1. General (22-23)

Six or more semester hours in the minor must be taken at NIU.

- MATH 229 - Calculus I Credits: 4 (Available for general education credit.)
- MATH 230 - Calculus II Credits: 4
- MATH 232 - Calculus III Credits: 4
- MATH 240 - Linear Algebra and Applications Credits: 4
- At least two mathematical sciences courses chosen from STAT 300 or from MATH courses numbered above MATH 333. At least one of these must be numbered above MATH 419 (6-7).

Option 2. Applied Mathematics (21-22)

Six or more semester hours in the minor must be taken at NIU.

- MATH 229 - Calculus I Credits: 4 (Available for general education credit.)
- MATH 230 - Calculus II Credits: 4
- MATH 232 - Calculus III Credits: 4
- At least one mathematics course numbered above MATH 419 (3)

Two of the following (6-7)

- MATH 239 - Matrices, Vectors and Applications Credits: 3
    - OR MATH 240 - Linear Algebra and Applications Credits: 4
- MATH 336 - Ordinary Differential Equations Credits: 3
- STAT 300 - Introduction to Probability and Statistics Credits: 3

Option 3. Secondary Mathematics Education (20-21)

The minor in Secondary Mathematics Education meets the mathematics requirements for an endorsement to teach mathematics in grades 9-12 in Illinois. Individuals seeking initial teaching licensure through Northern Illinois University in another discipline area need to complete these courses to receive an endorsement, on their initial Illinois professional educator license, to teach mathematics in grades 9-12. The Illinois State Board of Education (ISBE) requires that students must have passed all the MATH and STAT courses applicable to their minor in Mathematics Education with a grade of C or better. Students should contact the department for information about alternative ways of obtaining an endorsement which do not necessarily involve a minor.

In addition to completing the course work listed below, the candidate must pass the Mathematics Content Area Test (208) of the Illinois Licensure Testing Systems (ILTS) to obtain an endorsement in grades 9-12 Mathematics.

If MATH 410 is selected as the math methods course, then this minor course work will also meet the mathematics requirements for an endorsement to teach mathematics in grades 5-8 in Illinois. To add the middle grades endorsement the candidate must pass the ILTS Middle Grades (5-8) Mathematics Content Exam (202).

Six or more semester hours in the minor must be taken at NIU.

- MATH 229 - Calculus I Credits: 4 *Available for General Education credit in the Foundational Studies Quantitative Literacy Requirement.*
- MATH 230 - Calculus II Credits: 4
- MATH 410 - Methods of Instruction in the Mathematics Curriculum for the Middle School II Credits: 3
    - OR MATH 412 - Methods of Instruction in the Mathematics Curriculum for Secondary School II Credits: 3
- MATH 416 - Topics in Mathematics for Teachers Credits: 3
- STAT 300 - Introduction to Probability and Statistics Credits: 3

Select one course from the following (3-4)

- MATH 232 - Calculus III Credits: 4
- MATH 302 - Introduction to Geometry Credits: 3
- MATH 336 - Ordinary Differential Equations Credits: 3
- MATH 360 - Model Building in Applied Mathematics Credits: 3

The Degree with Honors

Mathematical Sciences Degree with Honors

The Department of Mathematical Sciences offers the exceptional student an opportunity to earn a degree with honors in any of the four emphases. Any mathematical sciences student may become a candidate for an honors degree in mathematical sciences at the end of the sophomore year provided the student has a 3.00 or higher overall GPA and has a 3.50 or higher GPA in all mathematical sciences courses completed, including MATH 232 and MATH 240.

A student with these qualifications who wishes to become an honors degree candidate should go to the office of the Department of Mathematical Sciences to fill out a candidacy form and be assigned an honors adviser. After the end of the sophomore year, a student showing exceptional talent may also become an honors degree candidate by obtaining consent.

Most 300-level and 400-level mathematical sciences courses may be taken as honors courses.

Requirements

Maintain a 3.00 or higher overall GPA.

Maintain a 3.50 or higher GPA for MATH/STAT courses numbered 300 and above.

Take at least four MATH honors courses numbered 300 or higher, which must include a two-course sequence of 400-level honors courses appropriate for the student's emphasis and approved by the honors degree adviser. The honors sequences from which a sequence appropriate for the student's emphasis may be chosen are MATH 420H-MATH 421H, MATH 420H-MATH 423H, MATH 430H-MATH 431H, MATH 434H-MATH 435H.

In one of the 400-level honors courses, prepare and submit an independent study paper on a suitable topic. The paper must be approved by the instructor of the course and by the honors degree adviser.

Accelerated Integrated Degree

Accelerated B.S./M.S. Program in Mathematical Sciences

Admission

This accelerated sequence leads to both the B.S. and M.S. degrees in Mathematical Sciences. Students who wish to complete this program may apply to the department during their junior year. The program is open to undergraduate majors in mathematical sciences who have completed at least 90 semester hours of undergraduate course work including all general education requirements, all major requirements below the 400 level, and MATH 430. Students who have met these criteria may apply for admission to the M.S. program in Mathematical Sciences under the special provisions of the accelerated degree program. Students must complete their applications to the M.S. program according to the procedures of the Graduate School. Admission to the accelerated degree program is contingent upon departmental approval.

Curriculum

Students accepted into the accelerated degree program will matriculate in the graduate program during their senior year. Up to 18 semester hours of graduate courses may count towards the undergraduate degree. All graduate course work must be approved by the department.

The Center for Nonprofit and NGO Studies (NNGO)

The Center for Nonprofit and NGO Studies is an interdisciplinary, faculty-governed center that engages in a range of activities that support leadership and development of domestic nonprofit organizations and international non-governmental organizations (NGOs). Faculty from throughout the university participate in its activities. The center engages with the nonprofit and NGO sector through academic and outreach activities.

The Center for Nonprofit and NGO Studies offers both a B.A. and a B.S. degree for an interdisciplinary major, minor, and certificate in nonprofit and NGO studies (NNGO) that is designed primarily for students seeking a career in nonprofit or nongovernmental organizations. Each student must complete the required courses of the major along with 15 semester hours in interdisciplinary electives related to the worlds in which nonprofits and NGOs operate, chosen with an adviser.

Nonprofit and NGO Studies Faculty

Alicia Schatteman, Ph.D., Rutgers University (Newark), associate professor, Director
Laura Heideman, Ph.D., University of Wisconsin (Madison), associate professor
Mark Schuller, Ph.D., University of California (Santa Barbara), professor

Majors

Nonprofit and NGO Studies (B.A. or B.S.)

The Center for Nonprofit and NGO Studies offers both a B.A. and a B.S. degree for an interdisciplinary major, minor, and certificate in nonprofit and NGO studies that is designed primarily for students seeking a career in nonprofit or nongovernmental organizations (NGOs). Each student must complete the required course of the major along with 15 semester hours in interdisciplinary electives related to the worlds in which nonprofits and NGOs operate, chosen with an adviser.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Requirements in Center (24)

- NNGO 100 - Community Leadership and Civic Engagement Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- NNGO 301X - Philanthropy and Fundraising Credits: 3
    - OR PSPA 301 - Philanthropy and Fundraising Credits: 3
- NNGO 302 - Introduction to Research in Non-Governmental Organizations and Communities Credits: 3
- NNGO 303 - Nonprofit Administration for Social Justice Credits: 3
- NNGO 350 - Community Organizations in a Digital World Credits: 3
    - OR NNGO 351 - Nonprofit Boards and Governance Credits: 3
    - OR NNGO 352 - Nonprofit Program Development and Evaluation Credits: 3
- NNGO 429 - International NGOs and Globalization Credits: 3 *NNGO 429 is a writing infused course. NNGO 429 also fulfills the Human Diversity Requirement.*
    - OR ANTH 429X - International NGOs and Globalization Credits: 3 *ANTH 429X is a writing infused course. ANTH 429X also fulfills the Human Diversity Requirement.*
    - OR SOCI 329X - International NGOs and Globalization Credits: 3 *SOCI 329X is a writing infused course. SOCI 329X also fulfills the Human Diversity Requirement.*
- NNGO 493 - Nonprofits and Community Engagement Credits: 3
- NNGO 495 - Capstone Seminar in Nonprofit and NGO Studies Credits: 3 *NNGO 495 is a writing infused course.*

Requirements outside Center (27-44)

- ANTH 220 - Being Human: Introduction to Cultural Anthropology Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
    - OR ECON 160 - Contemporary Economic Issues Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
    - OR HIST 171 - World History II: Problems in the Human Past Credits: 3 *Available for General Education credit in the Creativity and Critical Analysis Domain. HIST 171 also fulfills the Human Diversity Requirement.*
    - OR PHIL 103 - Contemporary Issues in Ethics Credits: 3
    - OR POLS 260 - Introduction to Comparative Politics Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
    - OR SOCI 170 - Introduction to Sociology Credits: 3 *SOCI 170 also fulfills the Human Diversity Requirement.*
    - OR SOCI 270 - Social Problems Credits: 3 *Available for General Education credit in the Society and Culture Domain. SOCI 270 also fulfills the Human Diversity Requirement.*
- ANTH 329 - Anthropology and Contemporary World Problems Credits: 3 *ANTH 329 also fulfills the Human Diversity Requirement.*
- POLS 100 - American Government and Politics Credits: 3
- SOCI 379 - Collective Behavior and Social Movements Credits: 3

For the B.A. degree

Fulfillment of foreign language requirement (0-12). See "Foreign Language Requirement for the B.A. Degree" in the Other Graduation Requirements section of this catalog.

For the B.S. degree

Laboratory science/mathematical/computational skills sequence (12-17). See "College Requirement for the B.S. Degree" in the Other Graduation Requirements section of this catalog.

Electives (15)

- ACCY 288 - Fundamentals of Accounting Credits: 3
- ANTH 301 - American Culture Credits: 3 *ANTH 301 also fulfills the Human Diversity Requirement.*
- ANTH 343 - Extinction: Where the Wild Things Were Credits: 3
    - OR ENVS 343X - Extinction: Where the Wild Things Were Credits: 3
- ANTH 361 - Cross-Cultural Perspectives on Women Credits: 3
- ANTH 363 - Globalization and Corporate Cultures Credits: 3
- ANTH 425 - Environment and Anthropology Credits: 3
- ANTH 426 - Political Anthropology Credits: 3 *ANTH 426 also fulfills the Human Diversity Requirement.*
- ANTH 427 - Economic Anthropology Credits: 3
- ANTH 462 - Collections Management Credits: 3
- ANTH 464 - Disasters without Borders Credits: 3
    - OR NNGO 464X - Disasters without Borders Credits: 3
- ANTH 467 - Applied Anthropology Credits: 3 *ANTH 467 is a writing infused course.*
- ART 457 - Museum Education Credits: 3
- ART 465 - Introduction to Museum Studies Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- BKST 300 - Foundations of Black Studies Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- COMS 220 - Rhetoric and Public Issues Credits: 3 *Available for General Education credit in the Creativity and Critical Analysis Domain.*
- COMS 302 - Organizational Communication Credits: 3
- COMS 305 - Argumentation and Debate Credits: 3 *COMS 305 is a writing infused course.*
- COMS 309 - Performance in Speech Communication Credits: 3
- COMS 361 - Business and Professional Communication Credits: 3
- COMS 362 - Intercultural Communication Credits: 3 *Available for General Education credit in the Society and Culture Domain. COMS 362 also fulfills the Human Diversity Requirement.*
- COMS 380 - Corporate Advocacy and Issue Management Credits: 3
- COMS 401 - Criticism of Public Rhetoric Credits: 3 COMS 401 is a writing infused course.
- COMS 403 - Freedom of Speech and Communication Ethics Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- COMS 461 - Organizational Dynamics Credits: 3
- COMS 464 - Organizational Communication Strategies Credits: 3
- COMS 470 - Campaign Strategies and Development Credits: 3
- ECON 260 - Principles of Microeconomics Credits: 3
- ECON 261 - Principles of Macroeconomics Credits: 3
- ECON 330 - International Economics Credits: 3
- ECON 386 - Environmental Economics Credits: 3
- ENVS 301 - Environmental Science I: Physical Systems Credits: 3
- ENVS 302 - Environmental Science II: Biological Systems Credits: 3
- ENVS 303 - Environment in the Social Sciences and Humanities Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- ENVS 304 - Environmental Law, Policy, and Economics Credits: 3
- ENVS 305X - Green Technologies Credits: 3
- ENVS 450 - Issues in Environmental Studies Credits: 3-6
- EPFE 302 - Advocacy, Justice and Leadership in a Diverse Society Credits: 3

- EPFE 355 - Sociology of Schooling Credits: 3 *EPFE 355 also fulfills the Human Diversity Requirement.*
- EPFE 400 - Foundations of Education Credits: 3 *EPFE 400 is a writing infused course. Available for General Education credit in the Creativity and Critical Analysis Domain.*
- EPFE 410 - Philosophy of Education Credits: 3 *EPFE 410 is a writing infused course.*
- EPFE 415 - Policy Analysis in Educational Contexts Credits: 3
- GEOG 202 - World Regional Geography Credits: 3 *GEOG 202 also fulfills the Human Diversity Requirement. Available for General Education credit in the Society and Culture Domain.*
- GEOG 253 - Environment and Society Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- GEOG 406 - Natural Hazards and Environmental Risk Credits: 3
- GEOG 451 - Political Geography Credits: 3
- GEOG 453 - Environmental Management Credits: 3
- HIST 354 - History of Black American Business and Entrepreneurship Credits: 3 *HIST 354 also fulfills the Human Diversity Requirement.*
- HIST 377 - American Environmental History Credits: 3 *HIST 377 also fulfills the Human Diversity Requirement. Available for General Education credit in the Nature and Technology Domain.*
- HIST 387 - History of Genocide Credits: 3 *HIST 387 also fulfills the Human Diversity Requirement.*
- HIST 390 - Film and History Credits: 3
- HIST 486 - Inequality in Latin America Credits: 3
- INTL 301 - Study Abroad Programs Credits: 1-9
    - OR INTL 401 - Study Abroad Programs Credits: 1-9
- JOUR 200 - Basic News Writing Credits: 3
- JOUR 335 - Principles of Public Relations Credits: 3
- JOUR 350 - Environment, Health, and the Media Credits: 3 *Available for General Education credit in the Creativity and Critical Analysis Domain.*
- JOUR 401 - Editorial and Opinion Writing Credits: 3
- NNGO 390 - Special Topics in Nonprofit and NGO Studies Credits: 3
- NNGO 490 - Nonprofit and NGO Studies Internship Credits: 1-3
- NUTR 406 - Global Food and Nutrition Issues Credits: 3 *NUTR 406 is a writing infused course. Available for General Education credit in the Society and Culture Domain.*
- PHIL 335 - Environmental Ethics Credits: 3
- PHIL 338 - Philosophy of Food Credits: 3
- POLS 220 - Introduction to Public Policy Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- POLS 362 - Politics of Developing Areas Credits: 3
- POLS 383 - International Political Economy Credits: 3
- PSPA 320 - Public Service Leadership Credits: 3
- PSPA 328 - Role of Nongovernmental Organizations in Development Credits: 3
- PSPA 330X - Bureaucracy and the Public Policy Process Credits: 3
    - OR POLS 330 - Bureaucracy and the Public Policy Process Credits: 3
- PSPA 331X - Public Administration Credits: 3
    - OR POLS 331 - Public Administration Credits: 3
- PSPA 332 - Strategic Performance Management of Public Service Organizations Credits: 3
- PSPA 402 - Resource Strategies for Nonprofit Organizations Credits: 3
    - OR MGMT 402X - Resources Strategies for Nonprofit Organizations Credits: 3
- SOCI 375 - Sociology of Organizations Credits: 3
- SOCI 386 - Peace and Social Justice Credits: 3
- SOCI 457 - Families in Global Perspective Credits: 3 *SOCI 457 is a writing infused course.*
- THEA 370 - History of Theatre and Drama I Credits: 3 *THEA 370 is a writing infused course. Available for General Education credit in the Creativity and Critical Analysis Domain.*
- THEA 371 - History of Theatre and Drama II Credits: 3 *THEA 371 is a writing infused course.*
- WGSS 202 - Women and Cultural Expression Credits: 3 *WGSS 202 also fulfills the Human Diversity Requirement. Available for General Education credit in the Creativity and Critical Analysis Domain.*

Total Hours for a Major in Nonprofit and NGO Studies: 51-63 (B.A.) OR 63-68 (B.S.)

Minor

Minor in Nonprofit and NGO Studies (18)

Check departmental information for additional requirements.

Requirements in center (9)

- NNGO 100 - Community Leadership and Civic Engagement Credits: 3 NNGO 100 is available for general education credit. This is a society and culture general education course for the Social Justice and Diversity Pathway.
- NNGO 303 - Nonprofit Administration for Social Justice Credits: 3
- NNGO 350 - Community Organizations in a Digital World Credits: 3
    - OR NNGO 351 - Nonprofit Boards and Governance Credits: 3
    - OR NNGO 352 - Nonprofit Program Development and Evaluation Credits: 3
    - OR NNGO 429 - International NGOs and Globalization Credits: 3 NNGO 429 is a

writing infused course. NNGO 429 also fulfills the Human Diversity Requirement.

Electives

Three of the following from three different departments (9)

- ANTH 329 - Anthropology and Contemporary World Problems Credits: 3 ANTH 329 also fulfills the Human Diversity Requirement.
- ANTH 464 - Disasters without Borders Credits: 3
    - OR NNGO 464X - Disasters without Borders Credits: 3
- NNGO 301X - Philanthropy and Fundraising Credits: 3
    - OR PSPA 301 - Philanthropy and Fundraising Credits: 3
- NNGO 350 - Community Organizations in a Digital World Credits: 3
- NNGO 351 - Nonprofit Boards and Governance Credits: 3
- NNGO 352 - Nonprofit Program Development and Evaluation Credits: 3
- NNGO 390 - Special Topics in Nonprofit and NGO Studies Credits: 3
- NNGO 429 - International NGOs and Globalization Credits: 3 NNGO 429 is a writing infused course. NNGO 429 also fulfills the Human Diversity Requirement.
    - OR ANTH 429X - International NGOs and Globalization Credits: 3 ANTH 429X is a writing infused course. ANTH 429X also fulfills the Human Diversity Requirement.
    - OR SOCI 329X - International NGOs and Globalization Credits: 3 SOCI 329X is a writing infused course. SOCI 329X also fulfills the Human Diversity Requirement.
- NNGO 490 - Nonprofit and NGO Studies Internship Credits: 1-3
- PSPA 320 - Public Service Leadership Credits: 3
- PSPA 328 - Role of Nongovernmental Organizations in Development Credits: 3
- PSPA 402 - Resource Strategies for Nonprofit Organizations Credits: 3
    - OR MGMT 402X - Resources Strategies for Nonprofit Organizations Credits: 3
- SOCI 375 - Sociology of Organizations Credits: 3
- SOCI 379 - Collective Behavior and Social Movements Credits: 3

Certificate of Undergraduate Study

Grant Writing (12)

Certificate of Undergraduate Study
Coordinator: Alicia Schatteman, Director, Center for Nonprofit and NGO Studies

This certificate is designed to explore best practices for successful grant applications. Students will learn how to successfully research funding prospects, create a grant budget, create an evaluation plan, and write a compelling grant proposal.

The certificate of undergraduate study is open to all students admitted to NIU. Students must maintain good academic standing within the university, achieve a minimum grade of C in each course applied toward the certificate, and complete all certificate work within a period of six calendar years. Some courses may have prerequisites that are not part of the certificate curriculum. Students pursuing the certificate should meet with the coordinator for this certificate of undergraduate study early in their program of study.

Requirements (12)

- ENGL 350 - Writing across the Curriculum Credits: 3 *Available for General Education credit in the Creativity and Critical Analysis Domain. ENGL 350 is a writing infused course.*
- NNGO 301X - Philanthropy and Fundraising Credits: 3
    - OR PSPA 301 - Philanthropy and Fundraising Credits: 3
- NNGO 352 - Nonprofit Program Development and Evaluation Credits: 3
- NNGO 492 - Grant Proposal Seminar Credits: 3 *NNGO 492 is a writing infused course.*

Nonprofit and NGO Studies (12)

Coordinator: Alicia Schatteman (Director)

The Certificate of Undergraduate Study in Nonprofit and NGO Studies will provide the student with a solid foundation for public service oriented work. It is a good preparation for those who are seeking to work in a variety of technical or professional fields with nonprofits and NGOs. Through its course work the certificate provides an understanding of the interrelationships among the nonprofit, private, and governmental sectors as well as the policies, regulatory framework, and practical considerations that govern them. Students will develop project analysis and public presentation skills. The aim of the certificate is to provide a bridge between theory and practical application.

The certificate consists of two core courses and a choice of electives from related areas. The core courses focus on fundamental strategies for civic engagement and effective citizenship and on various models for the solution of social problems through nonprofits, social enterprises, and other vehicles of civic engagement. The core courses enable practical application of knowledge and provide engaged learning opportunities.

The certificate is open to all students admitted to degree and non-degree study at Northern Illinois University. Students must maintain good academic standing within the university and achieve a minimum grade of C in each course. The

certificate courses may also be applied to satisfy requirements for B.A. and B.S. degrees.

Required Courses (12)

- NNGO 100 - Community Leadership and Civic Engagement Credits: 3 Available for general education credit. This is a society and culture general education course for the Social Justice and Diversity Pathway.
- NNGO 303 - Nonprofit Administration for Social Justice Credits: 3

Two of the following (6)

- ANTH 329 - Anthropology and Contemporary World Problems Credits: 3
- NNGO 301X - Philanthropy and Fundraising Credits: 3
    - OR PSPA 301 - Philanthropy and Fundraising Credits: 3
- NNGO 350 - Community Organizations in a Digital World Credits: 3
- NNGO 351 - Nonprofit Boards and Governance Credits: 3
- NNGO 352 - Nonprofit Program Development and Evaluation Credits: 3
- NNGO 390 - Special Topics in Nonprofit and NGO Studies Credits: 3
- NNGO 429 - International NGOs and Globalization Credits: 3 NNGO 429 also fulfills the Human Diversity Requirement.
- NNGO 464X - Disasters without Borders Credits: 3
    - OR ANTH 464 - Disasters without Borders Credits: 3
- PSPA 328 - Role of Nongovernmental Organizations in Development Credits: 3
- SOCI 379 - Collective Behavior and Social Movements Credits: 3

Philosophy (PHIL)

The Department of Philosophy offers a major leading to the B.A. or B.S. degree. Philosophy is the attempt to think critically about the nature of the world and of knowledge, to inquire about the significance of life, and to identify worthwhile goals for individuals and society. Philosophers also inquire into reasons why one point of view is preferable to another. This leads them to consider standards by which reasons may be appraised.

Several departmental courses can be used toward fulfilling the humanities and the arts area and the interdisciplinary studies area requirements in the university's general education program.

Philosophy Faculty

Jason Hanna, Ph.D., University of Colorado at Boulder, professor, chair
Valia Allori, Ph.D., Rutgers University, professor
Lenny Clapp, Ph.D., Massachusetts Institute of Technology, professor
Steven Daskal, Ph.D., University of Michigan, associate professor
Mylan Engel, Jr., Ph.D., University of Arizona, Presidential Teaching Professor
Alicia Finch, Ph.D., University of Notre Dame, associate professor
Carl Gillett, Ph.D., Rutgers University, professor
Craig Warmke, Ph.D., University of North Carolina at Chapel Hill, assistant professor

Majors

Philosophy (B.A. or B.S.)

At least seven (7) semester hours of 400-level course work in philosophy is required to complete the major.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Requirements in Department (34)

- PHIL 205 - Symbolic Logic Credits: 3 *Available for General Education credit in the Nature and Technology Domain.*
- PHIL 301 - Junior Writing Seminar Credits: 3 , with a grade of C or better. *PHIL 301 is a writing infused course.*
- PHIL 495 - Senior Capstone Credits: 1 *PHIL 495 is a writing infused course.*
- Electives in philosophy (15), no more than nine (9) semester hours of which may be at the 100 or 200 level

One course from each of the following two areas (6)

Ethics and political philosophy

- PHIL 331 - Ethics Credits: 3
- PHIL 351 - Social and Political Philosophy Credits: 3 PHIL 351 also fulfills the Human Diversity Requirement.
- PHIL 430 - Topics in Ethics Credits: 3
- PHIL 450 - Topics in Social and Political Philosophy Credits: 3

History of philosophy

- PHIL 321 - Ancient Greek Philosophy Credits: 3
- PHIL 322 - Early Modern Philosophy Credits: 3

Two courses from the following area (6)

Core Analytic Philosophy

- PHIL 311 - Knowledge and Justification Credits: 3
- PHIL 312 - Introduction to Metaphysics Credits: 3
- PHIL 360 - Philosophy of Science Credits: 3
- PHIL 363 - Philosophy of Mind Credits: 3
- PHIL 370 - Philosophy of Religion Credits: 3
- PHIL 404 - Philosophy of Language Credits: 3
- PHIL 410 - Topics in Metaphysics or Epistemology Credits: 3
- PHIL 461 - Metaphysics of Science Credits: 3
- PHIL 464 - Philosophy of Physics Credits: 3

Requirements outside Department (B.A., 0-12; B.S., 12-17)

For the B.A. degree

Fulfillment of B.A. foreign language requirement (0-12)
See "Foreign Language Requirement for the B.A. Degree" in the Other Graduation Requirements section of this catalog.

For the B.S. degree

Laboratory science/mathematical/computational skills sequence (12-17)
(See "College Requirement for the B.S. Degree")

TOTAL HOURS FOR A MAJOR IN PHILOSOPHY: B.A., 34-46; B.S., 46-51

General Education Requirements (12-30)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

Foundational Studies (0-12)

- Writing Requirement (0-6)
- Oral Communication Requirement (0-3)
- Quantitative Literacy Requirements (0-3)

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domain Requirements (12-18)

Creativity and Critical Analysis (6)

- Two 3-credit courses selected from approved general education list. Creativity and Critical Analysis Course List
- Nature and Technology (3)
- One 3-credit courses selected from approved general education list. Nature and Technology Course List
- PHIL 205 - fulfills one course requirement in this domain.

Society and Culture (6)

- Two 3-credit courses selected from approved general education list. Society and Culture Course List

Knowledge Domain Elective (3)

- One additional 3-credit course from any Knowledge Domain.
- Up to 6 credits from selected courses in PHIL may be used to satisfy Knowledge Domain Requirements.

Graduation Requirements (0-3)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation requirements credits.

Human Diversity Requirement (0-3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused (0)

- Requirements satisfied by PHIL 301 and PHIL 495.

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS: 12-33

TOTAL HOURS FOR ELECTIVES: B.A., 41-74; B.S., 36-62

TOTAL HOURS FOR A B.A. or B.S. IN PHILOSOPHY: 120

Minor

Minor in Philosophy (18)

Check departmental information for any additional requirements.

Requirements (18)

Six or more semester hours in the minor must be taken at NIU.

- Electives from 300- or 400-level courses (9)
- Electives from any philosophy courses (9)

The Degree with Honors

Philosophy Degree with Honors

Admission to the departmental degree with honors program requires the approval of the department chair, and will be available only to juniors or seniors who have a GPA of at least 3.25 in all course work and of 3.50 or above in philosophy courses.

Accepted candidates must complete the normal requirements for the philosophy major and a departmental honors thesis under PHIL 491 for 3-4 semester hours. The senior departmental honors thesis must be approved by a committee consisting of the supervising instructor, the undergraduate faculty adviser, and the chair of the department.

The University Honors Program is separate but complementary to the departmental degree with honors. Eligible students may participate in one or both programs simultaneously since there is some overlap in the requirements. Students interested in the University Honors Program are encouraged to contact the University Honors office for more detailed information.

Accelerated Integrated Degree

Accelerated B.A. or B.S./J.D. Program in Philosophy and the College of Law

Admission

The six-year accelerated program leads to either the B.A. or B.S. in philosophy together with the J.D. degree. Students who wish to complete this program must identify themselves to the Department of Philosophy as majors who wish to complete the accelerated program. All undergraduates who major in philosophy and have completed at least 90 credit hours of undergraduate course work (including all general education and major requirements as well as the requirements for a B.A. or B.S. degree, with the exception of the senior capstone requirement in philosophy) with a minimum GPA of 3.25 are eligible to apply for admission to NIU's College of Law under the special provisions of this program. If the senior capstone requirement in philosophy has not been completed at the time of enrollment in the College of Law, it must be completed no later than the end of the fourth year. As part of the application to the College of Law, applicants must take the LSAT and receive a score at or above the previous year's matriculating law class median. Students are encouraged to apply to the program as early as possible during their junior year. Admission will be on a competitive basis, and the likelihood of admission will depend on the number and quality of applicants to the program, the number and quality of applicants to the College of Law in general, as well as other factors normally considered in admissions decisions by the College of Law.

Curriculum

Students accepted into the College of Law pursuant to this program will start taking law classes at the beginning of their fourth year. Apart from the completion of the senior capstone in philosophy as part of the course load during the fourth year, if needed, the remainder of the program will follow the standard College of Law curriculum. Up to the first 30 credit hours of law courses will be counted toward the bachelor's degree.

Physics (PHYS)

The Department of Physics offers the B.S. degree in physics with three emphases. Physics majors should complete at least one year of a foreign language and consult with the department chair before choosing one of the three emphases below.

The department also offers a minor in physics, which is attractive to other science and mathematics majors as well as to students in technical programs. Several of the lower-division courses offered by the department can be used by non-majors toward fulfilling the science area requirement in the university's general education program. Certain courses are also required in majors in other departments. In addition, the department also offers astronomy courses. Illinois state teacher certification is available through the physics educator licensure program.

Students who want to choose the emphasis in secondary teaching should consult with the physics department education adviser. Applicants are admitted to this emphasis upon completion of a successful interview. Students pursuing the emphasis in secondary teaching need to enter the physics educator licensure program only if they also wish to become licensed to teach within the state of Illinois. Students seeking a degree in physics who also wish to become licensed to teach must see the physics department adviser at the earliest possible date. Failure to do so may make it impossible for the student to satisfy NIU and physics department graduation requirements as well as Illinois licensure requirements in four years.

The department provides academic advisement to incoming preengineering students who plan to transfer to another university after a few years at NIU. The department offers two courses of study to prepare students for the study of engineering at other universities. The first is a two-year pre-professional course of study in science and mathematics which can be tailored to the prerequisites of specific engineering programs. The second requires approximately three years at NIU and two years at the University of Illinois and leads to a B.S. degree in physics from Northern Illinois University and an engineering degree from the University of Illinois. (See "Pre-professional Studies.")

Physics Faculty

Vishnu Zutshi, Ph.D., University of Delhi (India), Presidential Research, Scholarship and Artistry Professor, Chair
Jahred Adelman, Ph.D., University of Chicago, associate professor
Gerald Blazey, Ph.D., University of Minnesota, Distinguished Research Professor
Dennis Brown, Ph.D., Stanford University, associate professor
Dhiman Chakraborty, Ph.D. State University of New York, Stony Brook, Distinguished Research Professor
Omar Chmaissem, Ph.D., Université Joseph Fourier (Grenoble), Presidential Research, Scholarship, and Artistry Professor
George Coutrakon, Ph.D., State University of New York, Stony Brook, professor
Michael Eads, Ph.D., Northern Illinois University, associate professor
Bela Erdelyi, Ph.D., Michigan State University, professor
Andreas Glatz, Ph.D., Cologne University (Germany), professor
Yasuo Ito, Ph.D., Cambridge University, associate professor
Xueying Lu, Ph.D., Massachusetts Institute of Technology, assistant professor
Laurence Lurio, Ph.D., Harvard University, Presidential Teaching Professor
Stephen P. Martin, Ph.D., University of California at Santa Barbara, Distinguished Research Professor, Distinguised Teaching Professor
Susan M. Mini, Ph.D., Southern Illinois University, professor
Philippe Piot, Ph.D., University of Grenoble (France), Distinguished Research Professor, Board of Trustees Professor
Michel van Veenendaal, Ph.D., Rijksuniversity (Groningen), Distinguished Research Professor
Roland Winkler, Ph.D., University of Regensburg (Germany), professor
Zhili Xiao, Ph.D., University of Konstanz (Germany), Distinguished Research Professor, Board of Trustees Professor

Majors

Physics (B.S.)

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/degree_outcomes.shtml.

Check departmental information for any additional requirements.

Emphasis 1. Professional Physics for Graduate Study

Requirements in Department (44)

- PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4 Available for general education credit.
- PHYS 273 - Fundamentals of Physics II: Electromagnetism Credits: 4 Available for general education credit.
- PHYS 283 - Fundamentals of Physics III: Quantum Physics Credits: 3
- PHYS 284 - Quantum Physics Laboratory Credits: 1
- PHYS 300 - Analytical Mechanics I Credits: 3
- PHYS 320 - Thermodynamics and Statistical Physics Credits: 3
- PHYS 370 - Electricity and Magnetism I Credits: 3
- PHYS 374 - Introduction to Experimental Physics Credits: 3 PHYS 374 is a writing infused course.
- PHYS 375 - Laboratory Electronics I Credits: 4
    - OR PHYS 430 - Optics Credits: 4
- PHYS 383 - Intermediate Quantum Physics Credits: 3
- PHYS 460 - Quantum Physics Credits: 3
- PHYS 498 - Senior Seminar Credits: 1 *PHYS 498 is a Writing Infused Course.*

Three of the following (9)

Note: PHYS 400 and PHYS 470 are recommended for students intending to enter graduate school in physics.

- PHYS 400 - Analytical Mechanics II Credits: 3 Recommended for students intending to enter graduate school in physics.
- PHYS 410 - Computational Physics Credits: 3
- PHYS 434 - Nuclear and Particle Physics Credits: 3
- PHYS 461 - Modern Physics Credits: 3
- PHYS 463 - Thermodynamics, Kinetic Theory, and Statistical Mechanics Credits: 3
- PHYS 470 - Electricity and Magnetism II Credits: 3 Recommended for students intending to enter graduate school in physics.
- PHYS 474 - Methods of Experimental Physics Credits: 3
- PHYS 477 - Astrophysics Credits: 3
- PHYS 480 - Condensed Matter Physics and Materials Science Credits: 3
- PHYS 485 - Methods of Mathematical Physics II Credits: 3

Requirements outside Department (23)

Please note corequisite information in courses below.

- CHEM 210 - General Chemistry I Credits: 3 Available for general education credit.
    - AND CHEM 212 - General Chemistry Laboratory I Credits: 1 Available for general education credit.
- MATH 229 - Calculus I Credits: 4 Available for general education credit.
    - AND MATH 230 - Calculus II Credits: 4
    - AND MATH 232 - Calculus III Credits: 4
- MATH 336 - Ordinary Differential Equations Credits: 3

One of the following (4)

- CHEM 211 - General Chemistry II Credits: 3 Available for general education credit.
    - AND CHEM 213 - General Chemistry Laboratory II Credits: 1 Available for general education credit.
- CSCI 240 - Computer Programming in C++ Credits: 4

Total Hours for Emphasis 1, Professional Physics for Graduate Study: 76

Emphasis 2. Secondary School Teaching

Important: Students wishing to receive Illinois State licensure and/or endorsement to teach physics should also refer carefully to the section below labeled Educator Licensure for additional requirements.

Requirements in Department (37)

- PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4 Available for general education credit.
- PHYS 273 - Fundamentals of Physics II: Electromagnetism Credits: 4 Available for general education credit.
- PHYS 283 - Fundamentals of Physics III: Quantum Physics Credits: 3
- PHYS 284 - Quantum Physics Laboratory Credits: 1
- PHYS 300 - Analytical Mechanics I Credits: 3
- PHYS 320 - Thermodynamics and Statistical Physics Credits: 3
- PHYS 367 - Waves and Vibrations Credits: 3
- PHYS 370 - Electricity and Magnetism I Credits: 3
- PHYS 374 - Introduction to Experimental Physics Credits: 3 PHYS 374 is a writing infused course.
- PHYS 383 - Intermediate Quantum Physics Credits: 3
- PHYS 414X - Interdisciplinary Teaching of Science in Secondary and Middle Level Education Credits: 3 PHYS 414X is a writing infused course.
- PHYS 416 - Methods in Teaching Physical Sciences Credits: 3
- PHYS 498 - Senior Seminar Credits: 1 *PHYS 498 is a Writing Infused Course.*

Requirements outside Department (23)

Please note corequisite information in courses below.

- CHEM 210 - General Chemistry I Credits: 3 Available for general education credit.
    - AND CHEM 212 - General Chemistry Laboratory I Credits: 1 Available for general education credit.
- CHEM 211 - General Chemistry II Credits: 3 Available for general education credit.
    - AND CHEM 213 - General Chemistry Laboratory II Credits: 1 Available for general education credit.
- MATH 229 - Calculus I Credits: 4 Available for general education credit.
    - AND MATH 230 - Calculus II Credits: 4
    - AND MATH 232 - Calculus III Credits: 4
- MATH 336 - Ordinary Differential Equations Credits: 3

Total Hours for Emphasis 2, Secondary School Teaching: 60

Emphasis 3. Applied Physics

Requirements in Department (32)

- PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4 Available for general education credit.
- PHYS 273 - Fundamentals of Physics II: Electromagnetism Credits: 4 Available for general education credit.
- PHYS 283 - Fundamentals of Physics III: Quantum Physics Credits: 3
- PHYS 284 - Quantum Physics Laboratory Credits: 1
- PHYS 300 - Analytical Mechanics I Credits: 3
- PHYS 320 - Thermodynamics and Statistical Physics Credits: 3
- PHYS 370 - Electricity and Magnetism I Credits: 3
- PHYS 374 - Introduction to Experimental Physics Credits: 3 PHYS 374 is a writing infused course.
- PHYS 375 - Laboratory Electronics I Credits: 4
- PHYS 383 - Intermediate Quantum Physics Credits: 3
- PHYS 498 - Senior Seminar Credits: 1 *PHYS 498 is a Writing Infused Course.*

Requirements outside Department (23)

Please note corequisite information in courses below.

- CHEM 210 - General Chemistry I Credits: 3 Available for general education credit.
    - AND CHEM 212 - General Chemistry Laboratory I Credits: 1 Available for general education credit.
- MATH 229 - Calculus I Credits: 4 Available for general education credit.
    - AND MATH 230 - Calculus II Credits: 4
    - AND MATH 232 - Calculus III Credits: 4
- MATH 336 - Ordinary Differential Equations Credits: 3

One of the following (4)

- CHEM 211 - General Chemistry II Credits: 3 Available for general education credit.

- AND CHEM 213 - General Chemistry Laboratory II Credits: 1 Available for general education credit.
- CSCI 240 - Computer Programming in C++ Credits: 4

Other Requirements (14-16)

Electives from physics and other related sciences. At least 7 semester hours must be 400-level PHYS courses, and the rest of the elective courses should be 300- and 400-level courses in physics and/or other STEM subjects. PHYS 498, 499, and 400-level teacher licensure courses cannot be used as the elective courses. Prior to taking elective courses for the Applied Physics emphasis, students must consult with the Director of Undergraduate Studies to select the appropriate sequence of courses to constitute a track of study. The following are examples of areas of applied physics: acoustics, computational physics, geophysics, atmospheric physics, astronomy/astrophysics, health/medical physics, beam physics, engineering physics, or materials physics. List of courses appropriate for each of these sample tracks are available on the department web site. Other tracks can also be developed in consultation with the Director of Undergraduate Studies.

Total Hours for Emphasis 3, Applied Physics: 69-71

Minor

Minor in Physics (25)

Check departmental information for any additional requirements.

Requirements (25)

Six or more semester hours in the minor must be taken at NIU.

- MATH 230 - Calculus II Credits: 4
- PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4 (Available for general education credit.)
  - AND PHYS 273 - Fundamentals of Physics II: Electromagnetism Credits: 4 (Available for general education credit.)
- PHYS 283 - Fundamentals of Physics III: Quantum Physics Credits: 3
  - AND PHYS 284 - Quantum Physics Laboratory Credits: 1

Nine additional hours selected from the following:

- PHYS 300 - Analytical Mechanics I Credits: 3
- PHYS 320 - Thermodynamics and Statistical Physics Credits: 3
- PHYS 367 - Waves and Vibrations Credits: 3
- PHYS 370 - Electricity and Magnetism I Credits: 3
- PHYS 374 - Introduction to Experimental Physics Credits: 3 PHYS 374 is a writing infused course.
- PHYS 375 - Laboratory Electronics I Credits: 4
- PHYS 383 - Intermediate Quantum Physics Credits: 3
- PHYS 385 - Methods of Mathematical Physics I Credits: 3
- Any 400-level physics course

Educator Licensure

Educator Licensure Program - Physics

Individuals wishing to receive licensure and/or endorsement to teach physics should consult with the departmental licensure coordinator as soon as possible and also refer to the "Educator Licensure Requirements" section of the NIU catalog. Admission to educator licensure in the Department of Physics may take place at any time once the student is enrolled at NIU. An application should be made in writing to the licensure coordinator. Undergraduates should formally apply for admission during the first semester of their sophomore year, except in the case of transfer students who normally apply during their first semester at NIU.

Please note: Graduate students and students who already possess the baccalaureate or higher degree and wish to pursue licensure and/or endorsement with or without becoming a candidate for a degree, should apply for admission to the coordinator of physics education as early as possible. All licensure students should seek advising as soon after enrollment as possible.

Admission

The student must establish a file with the departmental licensure coordinator and complete satisfactory reviews of progress each semester after establishment of the file. The student must have completed at least PHYS 253 and PHYS 273, and MATH 229, or their equivalents as determined by the coordinator. The student must be enrolled in a degree program leading to a degree appropriate to licensure being pursued or be in possession of an appropriate degree from an accredited institution. The student must have completed 6 semester hours of written communication and 3 semester hours of oral communication with grades of C or better. The student must have a minimum GPA of 2.50 in all undergraduate course work. The student must also have a satisfactory interview with the departmental licensure coordinator in which the student demonstrates attitudes and motivations appropriate to the professional educator.

Requirements

The program of courses the student chooses for meeting licensure requirements must be approved by the departmental licensure coordinator each semester prior to registration. Students are responsible for timely submission

of all applications and permits required during the licensure program.

The State of Illinois has moved from a course-based set of requirements for licensure to course and standards-based requirements. Approved licensure programs must have requirements that meet or exceed the state requirements. A list of the current state minimum requirements is available from the Illinois State Board of Education web page. The physics licensure program requirements are designed to prepare candidates for licensure both to meet state requirements and to demonstrate that they meet state teaching standards.

At this time requirements include the possession of an appropriate baccalaureate degree from an accredited institution, a minimum of 32 semester hours in the field, pre-student teaching clinical experiences at the 6-12 level or proof of teaching experience at the 6-12 level, student teaching or an approved teaching experience, passage of the Test of Academic Proficiency, the ILTS Assessment of Professional Teaching Test, secondary license subject matter examinations of the Illinois Licensure Testing System and demonstration that the candidate has met teaching standards for the physics teacher. Contact the department licensure coordinator for information on the necessary criteria that experiences must meet to be used to meet licensure requirements.

Outlined below is the required couse work as determined and approved by the licensure coordinators to meet state standards for the preparation of teachers, licensure requirements and student needs. It is strongly recommended that students completing requirements for the teaching license in physics also obtain an endorsement in at least one subject other than physics.

Please note: The following classes for educator licensures may change to reflect new state requirements.

- EPS 406 - Issues in Human Development and Learning in the Middle School and High School Years Credits: 3
- ETT 402 - Teaching and Learning with Technology Credits: 3
- ILAS 201 - Introductory Clinical Experience Credits: 1
- ILAS 301 - Second Clinical Experience Credits: 1
- PHYS 401 - The Professional Physics Teacher Credits: 2 (Must be taken concurrently with PHYS 495.)
- PHYS 403X - The Nature of Scientific Inquiry Credits: 2
- PHYS 414X - Interdisciplinary Teaching of Science in Secondary and Middle Level Education Credits: 3 PHYS 414X is a writing infused course.
- PHYS 416 - Methods in Teaching Physical Sciences Credits: 3 (Must be taken concurrently with PHYS 401.)
- PHYS 428 - Student Teaching (Secondary) in Physics Credits: 12
- PHYS 496 - Transition to the Professional Physics Teacher Credits: 2
- SESE 457 - Methods for Including Middle and Secondary Students with Exceptionalities in the General Education Classroom Credits: 3

Retention

A minimum GPA of 2.50 in all undergraduate course work at NIU and a minimum 3.00 GPA in all graduate course work at NIU.

Satisfactory review of progress with the physics education coordinator each semester after admission to the licensure program.

The Degree with Honors

Physics Degree with Honors

To be eligible for the baccalaureate degree with honors in physics a student must maintain a GPA of at least 3.25, must have an average of 3.50 or above in the courses required in the chosen emphasis, and must complete, with a satisfactory grade, PHYS 499.

Political Science (POLS)

The Department of Political Science offers the B.A. and B.S. degree with a major in political science with emphases in politics and governance, public law, public administration and service, and international politics.

The emphasis in politics and governance is designed for students who want maximum flexibility within their program of study or wish to create a particular specialization within political science, such as American government, biopolitics, or political theory.

The emphasis in public law is designed for political science students interested in public law, although students seeking admission to law school need not be political science majors nor must they follow any particular course of study. Students with an interest in pre-law should see "Pre-professional Studies."

The emphasis in public administration and service is designed primarily for students seeking a career in public affairs in federal, state, or local governments; in voluntary social agencies or public interest groups; and for careers in business emphasizing the interaction between private enterprise and government.

The emphasis in international politics is for students seeking international careers, especially in governmental agencies and business.

Internship opportunities with academic credit are available through the department. Interested students should contact the department's internship coordinator.

The department also offers a minor for students with an interest in politics. In addition, it participates in the

interdisciplinary minors in black studies, Chinese/Japanese studies, classical studies, environmental studies, gerontology, international studies, Latino and Latin American studies, Southeast Asian studies, and women's and gender studies. Non-majors can use one of several lower-division political science courses toward fulfilling the university's general education requirements in the social sciences area.

Department Restriction

A student may take no more than 15 semester hours in 100- and 200-level political science courses to be counted toward a political science major and no more than 9 semester hours in 100- and 200-level political science courses to be counted toward a political science minor.

Course List

Many of the courses offered by the department relate to more than one of the seven fields of political science. However, as a general guide to the student, the following numbering system is used.

-00 to -09, American government
-10 to -19, Public law
-20 to -39, Public policy/public administration
-40 to -49, Empirical theory and behavior
-50 to -59, Political theory
-60 to -79, Comparative politics
-80 to -89, International relations
-90 to -99, General

Political Science Faculty

J. Mitchell Pickerill, Ph.D., University of Wisconsin, professor, chair
April Clark, Ph.D., University of California, Santa Barbara, associate professor
Michael Clark, Ph.D., University of California, Santa Barbara, associate professor
Aarie Glas, Ph.D., University of Toronto, assistant professor
Kikue Hamayotsu, Ph.D., Australian National University, associate professor
Colin Kuehl, Ph.D., University of California, Santa Barbara, assistant professor
Alesha Porisky, assistant professor, Ph.D., University of Toronto, assistant professor
Andrea Radasanu, Ph.D., University of Toronto, associate professor
Scot Schraufnagel, Ph.D., Florida State University, professor
Matthew J. Streb, Ph.D., Indiana University, professor
H. Brendon Swedlow, Ph.D., University of California, Berkeley, professor
Ches Thurber, Ph.D., Tufts University, assistant professor
Kheang Un, Ph.D., Northern Illinois University, associate professor
Artemus E. Ward, Ph.D., Syracuse University, professor

Majors

Political Science (B.A. or B.S.)

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Field Distribution Requirement

To ensure that all political science majors are familiar with a variety of approaches, subject matter, and perspectives within the political science discipline, each student, regardless of the degree program or emphasis he or she selects, must take at least one course in each of five of the following seven fields.

American government
Comparative politics
Empirical theory and behavior
International politics
Political theory
Public law
Public policy/public administration

In fulfilling this requirement, a particular course may be counted in one field only, even if it is crosslisted in more than one field. Related courses from other departments may be substituted for political science courses with the prior written approval of the department chair.

POLS 100 satisfies the field distribution requirement for American government and is a prerequisite for certain upper-level courses. Numbered courses ending in 90-99 vary widely in content and often do not deal with a single or specific field of political science. Such courses cannot be used to meet the field distribution requirement except in special cases with the written permission of the department chair. All other political science courses, whether taken to satisfy the B.A. or B.S. degree requirements or the requirements in a particular emphasis, are included in meeting the required distribution.

Emphasis 1. Politics and Governance

Requirements in Department (36)

- POLS 100 - American Government and Politics Credits: 3 Available for general education credit.
    - OR POLS 150 - Democracy in America Credits: 3 Available for general education credit.

Two of the following (6)

- POLS 210 - Introduction to Law and Courts Credits: 3 Available for general education credit. This is a society and culture general education course for the Sustainability Pathway.
- POLS 220 - Introduction to Public Policy Credits: 3 Available for general education credit. This is a society

and culture general education course for the Health and Wellness Pathway.
    - OR PSPA 220X - Introduction to Public Policy Credits: 3 Available for general education credit. This is a society and culture general education course for the Health and Wellness Pathway.
- POLS 251 - Introduction to Political Philosophy Credits: 3 Available for general education credit. This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- POLS 260 - Introduction to Comparative Politics Credits: 3 Available for general education credit. This is a society and culture general education course for the Global Connections Pathway.
- POLS 285 - Introduction to International Relations Credits: 3 Available for general education credit.

Electives in political science (27)

Students must ensure that the field distribution requirement is met. Students pursuing the B.S. degree must complete POLS 340 - Political Analysis (3). Students should complete POLS 340 by the end of their junior year. Students are also strongly encouraged to complete POLS 340 prior to taking STAT 200 or STAT 300.

Requirements outside Department (B.A., 0-12; B.S., 10-15)

For the B.A. degree

Fulfillment of the foreign language requirement (0-12)
See "Foreign Language Requirement for the B.A. Degree" in the Other Graduation Requirements section of this catalog.

For the B.S. degree

Laboratory science/mathematical/computational skills sequence (10-15) [Students selecting a sequence that does not include STAT 200 (4) or STAT 300 (3) will also be required to take one of these courses.]
See "College Requirement for the B.S. Degree" in the Other Graduation Requirements section of this catalog.

Total Hours for Emphasis 1, Politics and Governance: 36-48 (B.A.) OR 46-51 (B.S.)

Emphasis 2. Public Law

Requirements in Department (36)

- POLS 100 - American Government and Politics Credits: 3 Available for general education credit.
    - OR POLS 150 - Democracy in America Credits: 3 Available for general education credit.

Two of the following (6)

- POLS 210 - Introduction to Law and Courts Credits: 3 Available for general education credit. This is a society and culture general education course for the Sustainability Pathway.
- POLS 220 - Introduction to Public Policy Credits: 3 Available for general education credit. This is a society and culture general education course for the Health and Wellness Pathway.
    - OR PSPA 220X - Introduction to Public Policy Credits: 3 Available for general education credit. This is a society and culture general education course for the Health and Wellness Pathway.
- POLS 251 - Introduction to Political Philosophy Credits: 3 Available for general education credit. This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- POLS 260 - Introduction to Comparative Politics Credits: 3 Available for general education credit. This is a society and culture general education course for the Global Connections Pathway.
- POLS 285 - Introduction to International Relations Credits: 3 Available for general education credit.

Two of the following (6)

- POLS 410 - Constitutional Law I Credits: 3
- POLS 411 - Constitutional Law II Credits: 3
- POLS 412 - Constitutional Law III Credits: 3

One of the following (3)

- POLS 310 - The U.S. Supreme Court Credits: 3
- POLS 312 - Law and Film Credits: 3
- POLS 314 - Law, Politics, and Baseball Credits: 3
- POLS 317 - Judicial Politics Credits: 3
- POLS 323 - Biomedicine and the Law Credits: 3
- POLS 324 - Politics of Environmental Health and Safety Regulation Credits: 3 POLS 324 is a writing infused course.
- POLS 354 - Natural Right and Law Credits: 3
- POLS 358 - Religion and the Constitution Credits: 3
- POLS 389 - International Law and Organization Credits: 3
- POLS 414 - Topics in Law and Social Problems Credits: 3 (may be repeated to 6 semester hours)
- POLS 415 - Criminal Law Credits: 3
- POLS 418 - Jurisprudence Credits: 3
- POLS 419 - Mock Trial Credits: 3 May be repeated to 6 semester hours.
- POLS 495 - Seminar in Current Problems Credits: 3 (May be counted toward the emphasis when topic is appropriate.)

One additional course from either of the two preceding lists (3)

Electives in political science (15)

Students must ensure that the field distribution requirement is met. Students pursuing the B.S. degree must complete

- POLS 340 - Political Analysis Credits: 3 Students should complete POLS 340 by the end of their junior year. Students are also strongly encouraged to complete POLS 340 prior to taking STAT 200 or STAT 300.

Requirements outside Department (B.A., 0-12; B.S., 10-15)

For the B.A. degree

Fulfillment of the foreign language requirement (0-12)
See "Foreign Language Requirement for the B.A. Degree" in the Other Graduation Requirements section of this catalog.

For the B.S. degree

Laboratory science/mathematical/computational skills sequence (10-15) [Students selecting a sequence that does not include STAT 200 (4) or STAT 300 (3) will also be required to take one of these courses.]
See "College Requirement for the B.S. Degree" in the Other Graduation Requirements section of this catalog.

Total Hours for Emphasis 2, Public Law: 36-48 (B.A.) OR 46-51 (B.S.)

Emphasis 3. Public Administration and Service

Requirements in Department (36)

- POLS 100 - American Government and Politics Credits: 3 Available for general education credit.
- POLS 331 - Public Administration Credits: 3
    - OR PSPA 331X - Public Administration Credits: 3

Two of the following (6)

- POLS 150 - Democracy in America Credits: 3 Available for general education credit.
- POLS 210 - Introduction to Law and Courts Credits: 3 Available for general education credit. This is a society and culture general education course for the Sustainability Pathway.
- POLS 220 - Introduction to Public Policy Credits: 3 Available for general education credit. This is a society and culture general education course for the Health and Wellness Pathway.
    - OR PSPA 220X - Introduction to Public Policy Credits: 3 Available for general education credit. This is a society and culture general education course for the Health and Wellness Pathway.
- POLS 251 - Introduction to Political Philosophy Credits: 3 Available for general education credit. This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- POLS 260 - Introduction to Comparative Politics Credits: 3 Available for general education credit. This is a society and culture general education course for the Global Connections Pathway.
- POLS 285 - Introduction to International Relations Credits: 3 Available for general education credit.

One of the following policy courses (3)

- POLS 324 - Politics of Environmental Health and Safety Regulation Credits: 3 POLS 324 is a writing infused course.
- POLS 380 - American Foreign Policy Credits: 3
- POLS 383 - International Political Economy Credits: 3
- POLS 389 - International Law and Organization Credits: 3

Two of the following public administration courses (6)

Recommended that POLS 331 or PSPA 331X be taken before enrolling in the following courses.

- POLS 326 - Nonprofit Management Credits: 3
    - OR PSPA 326X - Nonprofit Management Credits: 3
- POLS 327 - E-governance Credits: 3
    - OR PSPA 327X - E-Governance Credits: 3
- POLS 330 - Bureaucracy and the Public Policy Process Credits: 3
    - OR PSPA 330X - Bureaucracy and the Public Policy Process Credits: 3
- PSPA 320 - Public Service Leadership Credits: 3
- PSPA 410 - Supervision in the Public Sector Credits: 3
- PSPA 411 - The Ethical Public Administrator Credits: 3
- PSPA 412 - Public Budgeting Credits: 3
- PSPA 413 - Community Engagement in Public Service Agencies Credits: 3

One of the following institutional courses (3)

- POLS 302 - Government in Metropolitan Areas Credits: 3
    - OR PSPA 302X - Government in Metropolitan Areas Credits: 3
- POLS 303 - State and Local Government Credits: 3
    - OR PSPA 303X - State and Local Government Credits: 3
- POLS 307 - The U.S. Congress Credits: 3
- POLS 308 - The American Presidency Credits: 3

Electives in political science (12)

Students must ensure that the field distribution requirement is met.

The B.S. is highly recommended for students planning careers in public policy and public administration. Students should complete POLS 340 by the end of their junior year. Students are also strongly encouraged to complete POLS 340 prior to taking STAT 200 or STAT 300.

Students pursuing the B.S. degree must complete

- POLS 220 - Introduction to Public Policy Credits: 3 Available for general education credit.
    - OR PSPA 220X - Introduction to Public Policy Credits: 3 Available for general education credit.
    - AND POLS 340 - Political Analysis Credits: 3

Requirements outside Department (B.A., 0-12; B.S., 10-15)

For the B.A. degree

Fulfillment of the foreign language requirement (0-12)
See "Foreign Language Requirement for the B.A. Degree" in the Other Graduation Requirements section of this catalog.

For the B.S. degree

Laboratory science/mathematical/computational skills sequence (10-15) [Students selecting a sequence that does not include STAT 200 (4) or STAT 300 (3) will also be required to take one of these courses.]
See "College Requirement for the B.S. Degree" in the Other Graduation Requirements section of this catalog.

Total Hours for Emphasis 3, Public Administration and Service: 36- 48 (B.A.) OR 46-51 (B.S.)

Recommendation

Students are strongly advised to minor in business administration, communication studies, economics, family life (School of Family and Consumer Sciences), international studies, journalism, or sociology.

Emphasis 4. International Politics

Requirements in Department (36)

- POLS 100 - American Government and Politics Credits: 3 Available for general education credit.
    - OR POLS 150 - Democracy in America Credits: 3 Available for general education credit.

Two of the following (6)

- POLS 210 - Introduction to Law and Courts Credits: 3 Available for general education credit. This is a society and culture general education course for the Sustainability Pathway.
- POLS 220 - Introduction to Public Policy Credits: 3 Available for general education credit. This is a society and culture general education course for the Health and Wellness Pathway.
    - OR PSPA 220X - Introduction to Public Policy Credits: 3 Available for general education credit. This is a society and culture general education course for the Health and Wellness Pathway.
- POLS 251 - Introduction to Political Philosophy Credits: 3 Available for general education credit. This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- POLS 260 - Introduction to Comparative Politics Credits: 3 Available for general education credit. This is a society and culture general education course for the Global Connections Pathway.
- POLS 285 - Introduction to International Relations Credits: 3 Available for general education credit.

Two of the following (6)

- POLS 359 - War, Empire, and Ethics Credits: 3
- POLS 362 - Politics of Developing Areas Credits: 3
- POLS 380 - American Foreign Policy Credits: 3
- POLS 381 - Regional Security Credits: 3
- POLS 382 - Topics in Contemporary Security Credits: 3
- POLS 383 - International Political Economy Credits: 3
- POLS 384 - Contemporary Foreign Policy Credits: 3
- POLS 386 - Global Terrorism Credits: 3
- POLS 387 - International Security Credits: 3
- POLS 388 - U.S. National Security Policy Credits: 3
- POLS 389 - International Law and Organization Credits: 3

Two of the following (6)

- POLS 360 - Government and Politics in Western Europe Credits: 3
- POLS 361 - British Government and Politics Credits: 3
- POLS 363 - Dictatorships and Democracies Credits: 3
- POLS 365 - Origins of Political Order Credits: 3
- POLS 366 - Politics of Russia and Eurasia Credits: 3
- POLS 368 - Politics of Africa Credits: 3
- POLS 371 - Politics in Southeast Asia Credits: 3
- POLS 372 - Politics of China, Japan, and Korea Credits: 3
- POLS 373 - Women and Politics Credits: 3 POLS 373 also fulfills the Human Diversity Requirement.
- POLS 375 - Middle East Politics Credits: 3
- POLS 376 - Political Violence Credits: 3
- POLS 377 - Revolt, Revolution, and Genocide Credits: 3
- POLS 378 - Political Islam Credits: 3 POLS 378 also fulfills the Human Diversity Requirement.

One additional course from either of the two preceding lists (3)

Electives in political science (12)

Students must ensure that the field distribution requirement is met. Students pursuing the B.S. degree must complete

- POLS 340 - Political Analysis Credits: 3 Students should complete POLS 340 by the end of their junior year. Students are also strongly encouraged to complete POLS 340 prior to taking STAT 200 or STAT 300.

Requirements outside Department (B.A., 0-12; B.S., 10-15)

For the B.A. degree

Fulfillment of the foreign language requirement (0-12)
(See "Foreign Language Requirement for the B.A. Degree.") in the Other Graduation Requirements section of this catalog.

For the B.S. degree

Laboratory science/mathematical/computational skills sequence (10-15) [Students selecting a sequence that does not include STAT 200 (4) or STAT 300 (3) will also be required to take one of these courses.]
(See "College Requirement for the B.S. Degree.") in the Other Graduation Requirements section of this catalog.

Total Hours for Emphasis 4, International Politics: 36-48 (B.A.) OR 46-51 (B.S.)

Recommendation

Students desiring a career in international affairs are advised to develop a high degree of competence in one or more foreign languages, to become familiar with political systems other than that of the United States, and to enroll in the interdisciplinary international studies minor.

Emphasis 5. Justice and Democracy: The American Experiment

Requirements in Department (36)

Foundational Courses, two of the following (6)

- POLS 150 - Democracy in America Credits: 3 Available for general education credit.
    - OR POLS 100 - American Government and Politics Credits: 3 Available for general education credit.
- POLS 210 - Introduction to Law and Courts Credits: 3 Available for general education credit. This is a society and culture general education course for the Sustainability Pathway.
- POLS 251 - Introduction to Political Philosophy Credits: 3 Available for general education credit. This is a creativity and critical analysis general education course for the Origins and Influences Pathway.

Exploring Democracy in America (9)

Three courses (9 semester hours) in at least two out of the three categories below (American Political Thought, Political Behavior, American Institutions).

American Political Thought Courses (3)

- POLS 355 - African-American Political Thought Credits: 3 POLS 355 also fulfills the Human Diversity Requirement.
- POLS 356 - American Political Thought I Credits: 3
- POLS 357 - American Political Thought II Credits: 3
- POLS 358 - Religion and the Constitution Credits: 3

Political Behavior Courses (3)

- POLS 304 - American Public Opinion Credits: 3
- POLS 305 - Political Parties and Elections Credits: 3
- POLS 309 - American Electoral Democracy Credits: 3 POLS 309 is a writing infused course.

American Institutions Courses (3)

- POLS 307 - The U.S. Congress Credits: 3 POLS 307 is a writing infused course.
- POLS 308 - The American Presidency Credits: 3
- POLS 310 - The U.S. Supreme Court Credits: 3
- POLS 317 - Judicial Politics Credits: 3

Questions of Justice in Democracy in America (6)

One of the following Public Law Courses (3)

- POLS 410 - Constitutional Law I Credits: 3
- POLS 411 - Constitutional Law II Credits: 3
- POLS 412 - Constitutional Law III Credits: 3
- POLS 415 - Criminal Law Credits: 3
- POLS 418 - Jurisprudence Credits: 3

One of the following Political Theory Courses (3)

- POLS 351 - Liberalism and Its Critics Credits: 3
- POLS 353 - Democratic Theory Credits: 3
- POLS 354 - Natural Right and Law Credits: 3

Senior Seminar (3)

- POLS 494 - Senior Seminar in Political Science Credits: 3

Electives in political science (12)

Students must ensure that the field distribution requirement is met. Students pursuing the B.S. degree must complete POLS 340, Political Analysis (3). Students should complete POLS 340 by the end of their junior year. Students are also strongly encouraged to complete POLS 340 prior to taking STAT 200 or STAT 300.

Requirements outside of Department (B.A., 0-12; B.S., 10-15)

For the B.A. degree

Fulfillment of the foreign language requirement (0-12)
(See "Foreign Language Requirement for the B.A. Degree")

For the B.S. degree

Laboratory science/mathematical/computational skills sequence (10-15) [Students selecting a sequence that does not include STAT 200 (4) or STAT 300 (3) will also be required to take one of these courses.] (See "College Requirements for the B.S. Degree")

Total Hours for Emphasis 5, Questions of Justice and Democracy: 36-48 (B.A.) OR 46-51 (B.S.)

Minor

Minor in Political Science (18)

Check departmental information for any additional requirements.

Requirements (18)

Six or more semester hours in the minor must be taken at NIU.

- Electives in political science (12)
- POLS 100 - American Government and Politics Credits: 3 (Available for general education credit.)
    - OR POLS 150 - Democracy in America Credits: 3 (Available for general education credit.)

One of the following (3)

- POLS 210 - Introduction to Law and Courts Credits: 3
- POLS 220 - Introduction to Public Policy Credits: 3 Available for general education credit. This is a society and culture general education course for the Health and Wellness Pathway.
    - OR PSPA 220X - Introduction to Public Policy Credits: 3 Available for general education credit. This is a society and culture general education course for the Health and Wellness Pathway.
- POLS 251 - Introduction to Political Philosophy Credits: 3 Available for general education credit. This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- POLS 260 - Introduction to Comparative Politics Credits: 3 Available for general education credit. This is a society and culture general education course for the Global Connections Pathway.
- POLS 285 - Introduction to International Relations Credits: 3

Department Restrictions

A student may take no more than 15 semester hours in 100- and 200-level political science courses to be counted toward a political science major and no more than 9 semester hours in 100- and 200-level political science courses to be counted toward a political science minor.

Educator Licensure

Educator Licensure - Social Sciences: Political Science

Students who want to be licensed to teach political science at the secondary level must declare their intention to do so with the History and Social Sciences Educator Licensure Program at the earliest possible opportunity. Educator licensure involves significant requirements in addition to the completion of a degree in political science.

Admission

Students are admitted to the History and Social Sciences Educator Licensure Program when they have:

- established a file with the History and Social Sciences Educator Licensure Program and completed satisfactory reviews of progress each semester after establishment of the file;
- attained junior standing and completed at least 12 semester hours at NIU with a minimum GPA of 2.67;
- passed the Test of Academic Proficiency or equivalent recognized by the ISBE;
- completed at least 6 semester hours of political science at NIU and earned a minimum GPA of 3.00 in all political science courses taken at NIU;
- met all other Illinois State Board of Education (ISBE) requirements for admission to an educator licensure program; and
- obtained approval from the History and Social Sciences Educator Licensure Program.

Retention

Students admitted to the program must maintain program GPA requirements, display appropriate professional dispositions, and complete a satisfactory review of progress each semester with the History and Social Sciences Educator Licensure Program. Students must also pass any additional tests required by the ISBE for educator licensure such as the appropriate state Content Area Test (taken before student teaching) and the Teacher Performance Assessment (taken before program completion).

Department Requirements

Students must complete the requirements for a degree in political science. In addition, they must complete POLS 496X, History and Social Science Instruction for Secondary Educators. Except in unusual circumstances, POLS 496X must be taken in the semester immediately prior to enrollment in student teaching and concurrently with the Third Clinical Secondary School Experience in History/Social Sciences.

- POLS 496X - History and Social Science Instruction for Secondary and Middle Grades Educators Credits: 3

Other Requirements

Students pursuing educator licensure must take additional, approved course work in history and the social sciences to acquire the broad-based, interdisciplinary knowledge required of secondary social studies educators. Students must also complete approved professional education course work in areas such as special education methods, content-area literacy, and teaching English-language learners. Contact the History and Social Sciences Educator Licensure Program for the current list of history, social science, and education courses approved for fulfilling these requirements.

Students must also complete a three-semester sequence of pre-student teaching clinical experiences, including HIST 401, Third Clinical Secondary School Experience in History/Social Sciences, as well as HIST 400, Student Teaching in History/Social Sciences for Secondary Educators. Except in unusual circumstances, students are admitted to HIST 400 only upon satisfactory completion of all other work required for graduation and licensure.

Students pursuing educator licensure must have a grade of C or better in all course work specifically required for licensure. Higher number courses may be substituted if approved by the department.

The History and Social Sciences Educator Licensure Program complies with all ISBE rules as they relate to licensure as outlined in Title 23, Part 25 of the Illinois Administrative Code and all other applicable state laws and university requirements. Students should consult with the History and Social Sciences Educator Licensure Program to determine the necessary requirements to obtain educator licensure.

Placement

The History and Social Sciences Educator Licensure Program cannot guarantee geographic area, subject area, or availability of placements for clinical experiences including student teaching. All placements are arranged through the College of Liberal Arts and Sciences Office of School Partnerships and Placements.

The Degree with Honors

Political Science Degree with Honors

Requirement for admission for continuing NIU students:

Any student who has completed at least 60 semester hours of course work at NIU and has completed 15 semester hours of political science courses at NIU with a grade point average of 3.70 or higher (both cumulative and in the major) is eligible for admission to the political science degree with honors program.

Requirement for acceptance for transfer students:

Transfer students must meet the following three criteria for acceptance into the departmental honors program:
1) Students must complete at least 15 semester hours at NIU, including two 300- or 400-level political science courses. Students must earn a cumulative GPA of at least 3.70 in those courses. 2) Students must obtain a letter of nomination from one political science tenured or tenure-track faculty member. The letter of nomination should be sent to the department's director of undergraduate studies. 3) Students must be approved for the departmental degree with honors program by the department's undergraduate committee.

Senior transfer students will not be eligible for the departmental degree with honors.

Requirements

Requirements to Graduate with Departmental Honors:

In addition to all degree requirements, students must complete three requirements to graduate with departmental honors in political science:

1) Complete at least 3 semester hours of POLS 491
2) Complete at least 3 semester hours of POLS 496
3) Complete 1 semester hour of POLS 497 no more than two semesters prior to the semester in which they complete the thesis (499)
4) Complete 3 semester hours of POLS 499 within two semesters following completion of POLS 497. The departmental honors thesis must be approved by the

student's thesis director and a faculty member appointed by the director of undergraduate studies.

Students must maintain a GPA of at least 3.70 both in the major and cumulative to graduate with departmental honors. Students who fail to receive at least a B in POLS 497 and POLS 499 and a S in POLS 491 will not graduate with departmental honors. Students are expected to present their departmental honors thesis at the annual Undergraduate Research and Artistry Day held in April.

Withdrawal from the program:

Students may choose to withdraw from the departmental honors program at any time. If students are taking POLS 491, POLS 497, or POLS 499 when they decide to withdraw, they must either complete that course or drop it. If students choose to drop the course, they must do so before the university deadline for course drops.

For more information on the department's degree with honors program, please contact the department's director of undergraduate studies.

The University Honors Program is separate but complimentary to the departmental degree with honors. Eligible students may participate in one or both programs simultaneously since there is some overlap in the requirements. Students interested in the University Honors Program are encouraged to contact the University Honors office for more detailed information.

Categorical Course List

Political Science Course List

American Government

- POLS 100 - American Government and Politics Credits: 3
- POLS 300 - American Presidential Elections Credits: 3
- POLS 301 - Political Psychology Credits: 3
- POLS 302 - Government in Metropolitan Areas Credits: 3
- POLS 303 - State and Local Government Credits: 3
- POLS 304 - American Public Opinion Credits: 3
- POLS 305 - Political Parties and Elections Credits: 3
- POLS 306 - The Mass Media in American Politics Credits: 3
- POLS 307 - The U.S. Congress Credits: 3
- POLS 308 - The American Presidency Credits: 3
- POLS 309 - American Electoral Democracy Credits: 3
- POLS 341 - Political Participation and Behavior Credits: 3

Public Law

- POLS 210 - Introduction to Law and Courts Credits: 3
- POLS 310 - The U.S. Supreme Court Credits: 3
- POLS 312 - Law and Film Credits: 3
- POLS 314 - Law, Politics, and Baseball Credits: 3
- POLS 317 - Judicial Politics Credits: 3
- POLS 410 - Constitutional Law I Credits: 3
- POLS 411 - Constitutional Law II Credits: 3
- POLS 412 - Constitutional Law III Credits: 3
- POLS 414 - Topics in Law and Social Problems Credits: 3
- POLS 415 - Criminal Law Credits: 3
- POLS 418 - Jurisprudence Credits: 3
- POLS 419 - Mock Trial Credits: 3

Public Policy/Public Administration

- POLS 220 - Introduction to Public Policy Credits: 3
- POLS 320 - Biopolitics and Human Nature Credits: 3
- POLS 321 - The Origin of Politics Credits: 3
- POLS 322 - Politics and the Life Sciences Credits: 3
- POLS 323 - Biomedicine and the Law Credits: 3
- POLS 324 - Politics of Environmental Health and Safety Regulation Credits: 3
- POLS 326 - Nonprofit Management Credits: 3
- POLS 327 - E-governance Credits: 3
- POLS 330 - Bureaucracy and the Public Policy Process Credits: 3
- POLS 331 - Public Administration Credits: 3

Empirical Theory and Behavior

- POLS 340 - Political Analysis Credits: 3

Political Theory

- POLS 150 - Democracy in America Credits: 3
- POLS 251 - Introduction to Political Philosophy Credits: 3
- POLS 350 - Classical and Medieval Political Theory Credits: 3
- POLS 351 - Liberalism and Its Critics Credits: 3
- POLS 352 - Nietzsche and Postmodern Politics Credits: 3
- POLS 353 - Democratic Theory Credits: 3
- POLS 354 - Natural Right and Law Credits: 3
- POLS 355 - African-American Political Thought Credits: 3
- POLS 356 - American Political Thought I Credits: 3
- POLS 357 - American Political Thought II Credits: 3
- POLS 358 - Religion and the Constitution Credits: 3
- POLS 359 - War, Empire, and Ethics Credits: 3

Comparative Politics

- POLS 260 - Introduction to Comparative Politics Credits: 3
- POLS 360 - Government and Politics in Western Europe Credits: 3
- POLS 361 - British Government and Politics Credits: 3
- POLS 362 - Politics of Developing Areas Credits: 3
- POLS 363 - Dictatorships and Democracies Credits: 3
- POLS 365 - Origins of Political Order Credits: 3
- POLS 366 - Politics of Russia and Eurasia Credits: 3
- POLS 368 - Politics of Africa Credits: 3
- POLS 371 - Politics in Southeast Asia Credits: 3
- POLS 372 - Politics of China, Japan, and Korea Credits: 3

- POLS 373 - Women and Politics Credits: 3
- POLS 375 - Middle East Politics Credits: 3
- POLS 376 - Political Violence Credits: 3
- POLS 377 - Revolt, Revolution, and Genocide Credits: 3
- POLS 378 - Political Islam Credits: 3

International Politics

- POLS 285 - Introduction to International Relations Credits: 3
- POLS 380 - American Foreign Policy Credits: 3
- POLS 381 - Regional Security Credits: 3
- POLS 382 - Topics in Contemporary Security Credits: 3
- POLS 383 - International Political Economy Credits: 3
- POLS 384 - Contemporary Foreign Policy Credits: 3
- POLS 386 - Global Terrorism Credits: 3
- POLS 387 - International Security Credits: 3
- POLS 388 - U.S. National Security Policy Credits: 3
- POLS 389 - International Law and Organization Credits: 3

General

- POLS 392 - Politics and Film Credits: 3
- POLS 393 - Political Science Career Credits: 3
- POLS 395 - Contemporary Topics in Political Science Credits: 3
- POLS 401X - Third Clinical Secondary School Experience in History/Social Sciences Credits: 1-2
- POLS 490 - Internship in Political Science Credits: 3
- POLS 491H - Honors Apprenticeship Credits: 3
- POLS 492 - Model United Nations Credits: 1
- POLS 494 - Senior Seminar in Political Science Credits: 3
- POLS 495 - Seminar in Current Problems Credits: 3
- POLS 496 - Independent Study in Political Science Credits: 1-6
- POLS 496H - Honors Independent Study in Political Science Credits: 3
- POLS 496X - History and Social Science Instruction for Secondary and Middle Grades Educators Credits: 3
- POLS 497 - Small-Group Study in Political Science Credits: 1
- POLS 498 - Seminar Abroad Credits: 3-9
- POLS 499 - Senior Honors Thesis Credits: 1-3

Accelerated Integrated Degree

Accelerated B.A. or B.S./J.D. Program in Political Science and the College of Law

Admission

The six-year integrated sequence leads to either the B.A. or B.S. in Political Science and J.D. degrees. Students who wish to complete this program must identify themselves to the Political Science Department as majors with a politics and governance emphasis who wish to complete the Accelerated Program. All undergraduates who major in political science and have completed at least 90 credit hours of undergraduate coursework with a minimum GPA of 3.25 are eligible to apply to NIU's College of Law under the special provisions of this program. As part of the application to the College of Law, applicants must take the LSAT and receive a score at or above the previous year's matriculating law class median. Students are encouraged to apply to the program as early as possible during their junior year. Admission will be on a competitive basis, and the likelihood of admission will depend on the number and quality of applicants to the program, the number and quality of applicants to the College of Law in general, as well as other factors normally considered in admissions decisions by the College of Law.

Curriculum

Students must complete all the requirements for the Political Science B.A. or B.S. degrees as well as all general education requirements (90 credit hours in total) by the end of their junior year. Beginning with the first semester of their senior year, students will start taking classes at the College of Law. These courses will count toward the final 30 credits of the undergraduate degree. The final two years of the program will follow the standard College of Law timetable.

Accelerated B.A. or B.S./M.P.A. in Political Science and Public Administration

Admission

This program leads to both the B.S. or B.A. in political science and the Master of Public Administration (M.P.A.) degrees. Students who want to complete this program must identify themselves to the Political Science Department as majors who will complete the accelerated program with a politics and governance emphasis. The program is open to all undergraduates who major in political science; have completed at least 96 credit hours of undergraduate coursework; and meet the Department of Political Science's Degree with Honors requirements (see below). Students who have met these standards in their B.A. or B.S. degree in political science must also apply for admission to the NIU's M.P.A. program no later than February 1st of the applicant's junior year. Students must meet the application deadlines given by the Graduate School. To qualify for this program, applicants must meet each of the following at the time of application to the MPA program:

- Have completed POLS 100 or POLS 150 with a grade of B or higher
- Have completed POLS 340 with a grade of B or higher
- Have completed POLS 331/PSPA 331x with a grade of B or higher.

- Participate in an oral interview with a faculty or staff member of the Department of Public Administration.

Admission will be on a competitive basis, and the likelihood of admission will depend on the number and quality of applicants to the program, the number and quality of applicants to the MPA program in general, as well as other factors normally considered in admissions decisions by the admissions committee of the Department of Public Administration.

Curriculum

Students must complete all the requirements for the Political Science B.A. or B.S. degrees as well as all general education requirements by the end of their junior year. Beginning with the first semester of their senior year, students will start taking classes in the M.P.A. program as well as complete undergraduate departmental honors. These courses will count toward the final 24 credits of the undergraduate degree. Upon receiving their undergraduate degree, students will then follow the standard timetable for receiving the M.P.A. in Public Administration. Students in the Accelerated Political Science/M.P.A. program are not bound by the College of Liberal Arts and Sciences policy that prohibits students from earning more than 60 credit hours in their major.

Accelerated B.S. or B.A./M.A. Program in Political Science

Admission

This program leads to both the B.S. or B.A. and M.A. in Political Science degrees. Students who want to complete this program must identify themselves to the Political Science Department as majors who will complete the accelerated program with a politics and governance emphasis. The program is open to all undergraduates who major in Political Science and have completed at least 96 credit hours of undergraduate course work. Students who have met these standards in their B.A. or B.S. degree program in Political Science must also apply for admission to the Political Science M.A. program under the special provisions of this program. Students must meet the application deadlines given by the Graduate School. To qualify for this program, applicants must take the GRE and meet one of the following:

- Score better than the 50th percentile in both quantitative and verbal
- Average better than 65th percentile for combined quantitative and verbal
- A select number of seats are reserved for University Honors students who meet the above admission criteria; and as such, are guaranteed entry into the program.

Curriculum

Students must complete all the requirements for the Political Science B.A. or B.S. degree programs as well as all general education requirements by the end of their junior year. Beginning with the first semester of their senior year, students will start taking classes in the Political Science M.A. program. These courses will count toward the final 24 credits of the undergraduate degree. Upon receiving their undergraduate degree, students will then follow the standard timetable for receiving a M.A. in Political Science. Students in the Political Science Accelerated M.A. program are not bound by the College of Liberal Arts and Sciences policy that prohibits students from earning more than 60 credit hours in their major.

Psychology (PSYC)

The Department of Psychology offers the B.A. and B.S. degree with a major in psychology. Either program can be used to gain licensure to teach social sciences at the junior and senior high school levels. The department also offers a minor in psychology which should be of interest to students majoring in many other areas in the university. A departmental honors program is offered for qualified majors. Successful completion of the program leads to graduation with honors in psychology.

The introductory course in psychology can be used by non-majors toward fulfilling the university's general education requirement in the social sciences area. A number of departmental courses are required of majors in other programs throughout the university.

Internship opportunities are available to psychology majors of upper-division standing in youth care agencies, community mental health centers and medical programs, law enforcement/court/legal offices, human resource/employment services, and other professions in conjunction with PSYC 489. Interested students may consult with their faculty adviser or with a faculty member closely associated with the appropriate field.

Psychology Faculty

Amanda M. Durik, Ph.D., University of Wisconsin, Madison, professor, Chair
David J. Bridgett, Ph.D., Washington State University, professor
M. Anne Britt, Ph.D., University of Pittsburgh, Distinguished Teaching Professor; Presidential Research, Scholarship, and Artistry Professor; Board of Trustees Professor
Michelle K. Demaray, Ph.D., University of Wisconsin, Presidential Research, Scholarship and Artistry Professor
Lisa M. Finkelstein, Ph.D., Tulane University, Presidential Teaching Professor
Angela Grippo, Ph.D., University of Iowa, professor
Michelle M. Lilly, Ph.D., University of Michigan, professor
Christine K. Malecki, Ph.D., University of Wisconsin,

Presidential Engagement Professor
Leslie Matuszewich, Ph.D., University of Buffalo, associate professor
Randy J. McCarthy, Ph.D., Northern Illinois University, assistant professor
Keith K. Millis, Ph.D., Memphis State University, professor
Nina S. Mounts, Ph.D., University of Wisconsin, professor
Julia A. Ogg, Ph.D., Michigan State University, associate professor
Holly K. Orcutt, State University of New York, Buffalo, professor
Bradford H. Pillow, Ph.D., Stanford University, professor
Laura D. Pittman, Ph.D., University of Connecticut, Storrs, associate professor
Alan Rosenbaum, Ph.D., State University of New York, Stony Brook, professor emeritus
Rachel Saef, Ph.D. Purdue University, assistant professor
Brad J. Sagarin, Ph.D., Arizona State University, professor
Alecia M. Santuzzi, Ph.D., Tulane University, associate professor
Elizabeth C. Shelleby, Ph.D., University of Pittsburgh, assistant professor
Kara M. Styck, Ph.D., Arizona State University, assistant professor
David P. Valentiner, Ph.D., University of Texas, professor
Douglas Wallace, Ph.D., Kent State University, professor
Katja Wiemer, Ph.D., University of Memphis, associate professor
Kevin D. Wu, Ph.D., University of Iowa, associate professor

Majors

Psychology (B.A. or B.S.)

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Requirements in Department (35)

- PSYC 101 - University Experience in Psychology Credits: 1
- PSYC 102 - Introduction to Psychology Credits: 3 Available for general education credit.
- PSYC 305 - Research Methods Credits: 3
- PSYC 306 - Advanced Research Methods Credits: 3 PSYC 306 is a writing infused course.

One of the following (4)

- PSYC 410 - Research Laboratory in Experimental Psychology: Perception Credits: 4 PSYC 410 is a writing infused course.
- PSYC 411 - Research Laboratory in Experimental Psychology: Animal Cognition Credits: 4 PSYC 411 is a writing infused course.
- PSYC 412 - Research Laboratory in Experimental Psychology: Human Learning and Memory Credits: 4 PSYC 412 is a writing infused course.
- PSYC 413 - Research Laboratory in Psychopathology Credits: 4 PSYC 413 is a writing infused course.
- PSYC 431 - Research Laboratory in Neuropsychology Credits: 4 PSYC 431 is a writing infused course.
- PSYC 433 - Research Laboratory in Social and Personality Psychology Credits: 4 PSYC 433 is a writing infused course.
- PSYC 434 - Research Laboratory in Industrial-Organizational Psychology Credits: 4 PSYC 434 is a writing infused course.
- PSYC 464 - Research Laboratory in Developmental Psychology Credits: 4 PSYC 464 is a writing infused course.

Electives

Electives in psychology (21 hours) to include at least 15 hours selected from 300-400 level courses. PSYC 485 may be included in these 21 hours for no more than 3 semester hours of credit. (21)

Requirements outside Department (B.A., 3-16; B.S., 14-16)

For the B.A. degree

Fulfillment of foreign language requirement (0-12)
(See “Foreign Language Requirement for the B.A. Degree.”)

- STAT 100 - Basic Statistics Credits: 3 Available for general education credit.
    - OR STAT 200 - Elementary Statistics Credits: 4
    - OR UBUS 223 - Introduction to Business Statistics Credits: 3

For the B.S. degree

Laboratory science/mathematical/computational skills sequence (12-16)

[Students selecting a sequence that does not include STAT 200 (4) or STAT 300 (3) or UBUS 223 (3) will also be required to take one of these courses or STAT 100 (3) as a co-requisite for PSYC 305 (with a grade of C or better).]

See "College Requirement for the B.S. Degree" in the Other Graduation Requirements section of this catalog.

Total Hours for a Major in Psychology: 38-51 (B.A.) OR 49-51 (B.S.)

Minor

Minor in Psychology (21)

Check departmental information for any additional requirements.

Six or more semester hours in the minor must be taken at NIU.

Requirements (21)

- PSYC 102 - Introduction to Psychology Credits: 3 (Available for general education credit.)

Electives

Electives in psychology with at least 12 semester hours from 300- and 400-level courses (18)

Educator Licensure

Educator Licensure - Social Sciences: Psychology

Students who want to be licensed to teach psychology at the secondary level must declare their intention to do so with the History and Social Sciences Educator Licensure Program at the earliest possible opportunity. Educator licensure involves significant requirements in addition to the completion of a degree in psychology.

Admission

Students are admitted to the History and Social Sciences Educator Licensure Program when they have:

- established a file with the History and Social Sciences Educator Licensure Program and completed satisfactory reviews of progress each semester after establishment of the file;
- attained junior standing and completed at least 12 semester hours at NIU with a minimum GPA of 2.67;
- passed the Test of Academic Proficiency or the equivalent recognized by the ISBE;
- completed at least 6 semester hours of psychology at NIU and earned a minimum GPA of 3.00 in all psychology courses taken at NIU;
- met all other Illinois State Board of Education (ISBE) requirements for admission to an educator licensure program; and
- obtained approval from the History and Social Sciences Educator Licensure Program.

Retention

Students admitted to the program must maintain program GPA requirements, display appropriate professional dispositions, and complete a satisfactory review of progress each semester with the History and Social Sciences Educator Licensure Program. Students must also pass any additional tests required by the ISBE for educator licensure such as the appropriate state Content Area Test (taken before student teaching) and the Teacher Performance Assessment (taken before program completion).

Department Requirements

Students must complete the requirements for a degree in psychology. In addition, they must complete PSYC 496X, History and Social Science Instruction for Secondary Educators. Except in unusual circumstances, PSYC 496X must be taken in the semester immediately prior to enrollment in student teaching and concurrently with the Third Clinical Secondary School Experience in History/Social Sciences.

Other Requirements

Students pursuing educator licensure must take additional, approved course work in history and the social sciences to acquire the broad-based, interdisciplinary knowledge required of secondary social studies educators. Students must also complete approved professional education course work in areas such as special education methods, content-area literacy, and teaching English-language learners. Contact the History and Social Sciences Educator Licensure Program for the current list of history, social science, and education courses approved for fulfilling these requirements.

Students must also complete a three-semester sequence of pre-student teaching clinical experiences, including HIST 401, Third Clinical Secondary School Experience in History/Social Sciences, as well as HIST 400, Student Teaching (Secondary) in History/Social Sciences for Secondary Educators. Except in unusual circumstances, students are admitted to HIST 400 only upon satisfactory completion of all other work required for graduation and licensure.

Students pursuing educator licensure must have a grade of C or better in all course work specifically required for licensure. Higher number courses may be substituted if approved by the department.

The History and Social Sciences Educator Licensure Program complies with all ISBE rules as they relate to licensure as outlined in Title 23, Part 25 of the Illinois Administrative Code and all other applicable state laws and university requirements. Students should consult with the History & Social Sciences Educator Licensure Program to determine the necessary requirements to obtain educator licensure.

Placement

The History and Social Sciences Educator Licensure Program cannot guarantee geographic area, subject area, or availability of placements for clinical experiences including

student teaching. All placements are arranged through the College of Liberal Arts and Sciences Office of School Partnerships and Placements.

The Degree with Honors

Psychology Degree with Honors

The Psychology degree with honors provides a challenging educational experience for students of high academic promise and achievement in psychology. Students who have achieved at least a 3.20 GPA overall and a 3.50 in psychology courses should apply for admission as early as possible because the Psychology Degree with Honors requires specific course work. A letter of interest addressed to the Director of Undergraduate Studies serves as an application.

Requirements

- Completion of the psychology major requirements for the baccalaureate degree.
- Once admitted to the program, students must maintain the GPA requirements in order to remain in the program.
- Completion of at least 6 of the required 15 semester hours of elective credit at the 300-400 level with departmental honors (of which 3 hours must be PSYC 306, Advanced Research Methods, taken for departmental honors credit, PSYC 306 is a writing infused course.)
- Completion of 3-6 hours of PSYC 499.
- Completion of a written departmental honors proposal and thesis, which are orally presented to the Psychology Honors Committee to the satisfaction of the faculty adviser and Honors Committee.

The University Honors Program is separate but complimentary to the departmental degree with honors. Eligible students may participate in one or both programs simultaneously since there is some overlap in the requirements. Students interested in the University Honors Program are encouraged to contact the University Honors office for more detailed information.

Public Administration

The mission of the Department of Public Administration is to advance excellence in public management by preparing men and women for public service careers. The department focuses principally on the dynamics of leading and managing organizations that address political, social, economic, environmental, and administrative problems in the public and non-profit sectors. The department has no undergraduate major. Rather, it provides service courses to a wide variety of majors and minors, including the majors in political science, applied management, and nonprofit and NGO studiest; and the minor in black studies, to support undergraduate students who aspire to a public service career.

Public Administration Faculty

Kurt M. Thurmaier, Ph.D., Syracuse University, Presidential Engagement Professor, chair
Julie Langer, Ph.D., University of Illinois Chicago, assistant professor
Alicia M. Schatteman, Ph.D., Rutgers University, assistant professor

Certificate of Undergraduate Study

Public Service Leadership (12-14)

The certificate prepares students to take leadership roles within public service organizations. Leadership skill and knowledge are fundamental for individuals contemplating or currently pursuing career positions with public service organizations. Knowing how to frame a vision, how to think strategically, how to solve problems, how to motivate employees, and how to adapt an organization to complex environmental change is all part of being a public service leader.

The certificate is open to all NIU undergraduates. Students must maintain good academic standing in the university, achieve a minimum grade of C in each certificate course, achieve a cumulative GPA of at least 3.00 in all certificate courses, and complete all certificate course work within six calendar years. Some of the courses may, with the approval of the major department, be applied toward an undergraduate major.

Requirements

- PSPA 320 - Public Service Leadership Credits: 3
- PSPA 331X - Public Administration Credits: 3

At least two of the following (6-8)

- PSPA 302X - Government in Metropolitan Areas Credits: 3
- PSPA 303X - State and Local Government Credits: 3
- PSPA 327X - E-Governance Credits: 3
- PSPA 330X - Bureaucracy and the Public Policy Process Credits: 3
- PSPA 395 - Contemporary Topics in Public Service Credits: 3 May be repeated to a maximum of 6 semester hours.
- PSPA 410 - Supervision in the Public Sector Credits: 3
- PSPA 411 - The Ethical Public Administrator Credits: 3
- PSPA 412 - Public Budgeting Credits: 3
- PSPA 413 - Community Engagement in Public Service Agencies Credits: 3

Sociology (SOCI)

The Department of Sociology offers the B.A. and B.S. degree with a major in sociology. Sociology is the study of the origins, organizations, institutions and structure of human society and the causal effects of human behavior in collective social action. Baccalaureate graduates in sociology find employment in a wide range of careers in such fields as community development, criminal justice, health services, policy development, public relations, and social services. The department offers the choice of two emphases in the major: (1) General Sociology or (2) Criminology.

The department also offers a minor in sociology, which should be of interest to students majoring in other programs such as psychology, anthropology, family and consumer sciences, history, or philosophy.

A departmental honors program is available for outstanding students. Either the B.A. or B.S. degree can be used to gain licensure to teach social sciences at the junior and senior high school levels.

Several of the department's courses can be used by non-majors toward fulfilling the "society and culture" requirement in the university's general education program. Several of its courses are also recommended or required for majors in other programs, especially those in the College of Business and in the College of Health and Human Sciences. The department also participates in international study programs, in the University Honors Program, and in the interdisciplinary minors in black studies, environmental studies, gerontology, international studies, Latino/Latin American studies, Southeast Asian studies, and women's and gender studies.

Sociology Faculty

Michael E. Ezell, Ph.D., Duke University, associate professor, chair
Abu B. Bah, Ph.D., New School for Social Research, professor
Keri B. Burchfield, Ph.D., Pennsylvania State University, professor
Cassandra S. Crawford, Ph.D., University of California, San Francisco, associate professor
Christopher Einolf, Ph.D., University of Virginia, associate professor
Kerry O. Ferris, Ph.D., University of California, Los Angeles, associate professor
Laura Heideman, Ph.D., University of Wisconsin, associate professor
Jeffrey Kidder, Ph.D., University of California, San Diego, professor
Fred E. Markowitz, Ph.D., State University of New York at Albany, professor
Kristopher K. Robison, Ph.D., The Ohio State University, associate professor
Diane M. Rodgers, Ph.D., University of Missouri-Columbia, professor
Shane Sharp, Ph.D., University of Wisconsin, associate professor
Carol Walther, Ph.D., Texas A&M University, associate professor
Simón E. Weffer, Ph.D., Stanford University, associate professor

Majors

Sociology (B.A. or B.S.)

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Emphasis 1. General Sociology

Requirements in Department (38)

- SOCI 170 - Introduction to Sociology Credits: 3 Available for general education credit. SOCI 170 also fulfills the Human Diversity Requirement.
- SOCI 300 - Foundations of Sociology Credits: 3
- SOCI 301 - Classical Sociological Theory Credits: 3
- SOCI 302 - Contemporary Sociological Theory Credits: 3
- SOCI 377A - Sociological Inquiry I Credits: 4
- SOCI 377B - Sociological Inquiry II Credits: 4
- Additional courses in sociology (18), at least 6 semester hours of which must be 400-level courses.

GPA Requirement

A student must have completed the following courses, with a grade of C or better in each course, to complete the major in Sociology:

- SOCI 170 - Introduction to Sociology Credits: 3
- SOCI 300 - Foundations of Sociology Credits: 3

Requirements outside Department (B.A., 3-16; B.S., 13-16)

For the B.A. Degree

- STAT 100 - Basic Statistics Credits: 3 *STAT 100 meets part of the Foundational Studies Quantitative Literacy Requirement.*
    - OR STAT 200 - Elementary Statistics Credits: 4

Fulfillment of B.A. foreign language requirement (0-12)

See "Foreign Language Requirement for the B.A. Degree"

For the B.S. Degree

Fulfillment of B.S. laboratory science/mathematical/computational skills sequence (13-16) See "College Requirement for the B.S. Degree" in the Other Graduation Requirements section of this catalog.

Students selecting a sequence that does not include STAT 200 (4) or STAT 300 (3) will also be required to take one of these courses or STAT 100 (3) as a pre-requisite for SOCI 377B (with a grade of C or better).

Total Hours for a Major in Sociology, Emphasis 1. General Sociology: 41-54 (B.A.) or 51-54 (B.S.)

Emphasis 2. Criminology

Students completing the B.A./B.S. in Sociology with an emphasis in criminology are not eligible to also receive a Certificate of Undergraduate Study in Criminology.

Requirements in Department (38)

Group A: Required (26)

- SOCI 170 - Introduction to Sociology Credits: 3 *Available for General Education credit in the Society and Culture Domain. SOCI 170 also fulfills the Human Diversity Requirement.*
- SOCI 288 - Criminology Credits: 3
- SOCI 289 - The Criminal Justice System Credits: 3
- SOCI 300 - Foundations of Sociology Credits: 3
- SOCI 301 - Classical Sociological Theory Credits: 3
- SOCI 302 - Contemporary Sociological Theory Credits: 3
- SOCI 377A - Sociological Inquiry I Credits: 4
- SOCI 377B - Sociological Inquiry II Credits: 4

Group B: Two of the following, one of which must be a SOCI course (6)

- HIST 480 - Spies, Lies and Secret Wars: CIA in the World Credits: 3
- PHIL 353 - Philosophy of Law Credits: 3
- POLS 312 - Law and Film Credits: 3
- POLS 317 - Judicial Politics Credits: 3
- POLS 415 - Criminal Law Credits: 3
- SOCI 380 - Deviance in Society Credits: 3
- SOCI 382 - Terrorism, Hate Groups, and Homeland Security Credits: 3
- SOCI 384 - Police in a Democratic Society Credits: 3
- SOCI 385 - Gangs and Gang Behavior Credits: 3
- SOCI 386 - Peace and Social Justice Credits: 3
- SOCI 388 - Punishment and Corrections Credits: 3
- SOCI 390 - Internship in Sociology Credits: 3 With approval of department.
- SOCI 395 - Contemporary Topics in Sociology Credits: 3 With approval of department.

Group C: Two of the following (6)

- SOCI 480 - Communities and Crime Credits: 3
- SOCI 485 - Law and Society Credits: 3
- SOCI 487 - Gender and Crime Credits: 3
- SOCI 488 - Juvenile Delinquency Credits: 3
- SOCI 490 - Independent Study in Sociology Credits: 1-3 (With approval of department.)
- SOCI 492 - Comparative Criminology Credits: 3
- SOCI 495 - Special Topics in Sociology or Criminology Credits: 3 B. Criminology

GPA Requirement

A student must have completed the following courses, with a grade of C or better in each course, to complete the major in Sociology:

- SOCI 170 - Introduction to Sociology Credits: 3
- SOCI 300 - Foundations of Sociology Credits: 3

Requirements outside Department (B.A., 3-16; B.S., 13-16)

For the B.A. Degree

- STAT 100 - Basic Statistics Credits: 3 *STAT 100 meets part of the Foundational Studies Quantitative Literacy Requirement.*
    - OR STAT 200 - Elementary Statistics Credits: 4

Fulfillment of B.A. foreign language requirement (0-12)

See "Foreign Language Requirement for the B.A. Degree"

For the B.S. Degree

Fulfillment of B.S. laboratory science/mathematical/computational skills sequence (13-16).

See "College Requirement for the B.S. Degree" in the Other Graduation Requirements section of this catalog.

Students selecting a sequence that does not include STAT 200 (4) or STAT 300 (3) will also be required to take one of these courses or STAT 100 (3) as a pre-requisite for SOCI 377B (with a grade of C or better).

Total Hours for a Major in Sociology, Emphasis 2. Criminology: 41-54 (B.A.) or 51-54 (B.S.)

Minor

Minor in Sociology (18)

Check departmental information for any additional requirements.

Requirements (18)

Six or more semester hours in the minor must be taken at NIU.

- SOCI 170 - Introduction to Sociology Credits: 3 Available for general education credit. SOCI 170 also fulfills the Human Diversity Requirement.
- SOCI 300 - Foundations of Sociology Credits: 3
- A minimum of 12 semester hours of electives in sociology, with at least six semester hours of electives in the minor must be taken at the upper (300-400) level.

GPA Requirement

A student must have completed the following courses with a grade of C or better in each course to complete the minor in Sociology:

- SOCI 170 - Introduction to Sociology Credits: 3
- SOCI 300 - Foundations of Sociology Credits: 3

Certificate of Undergraduate Study

Criminology (15)

The criminology certificate is designed to provide insight into the academic study-theoretical and empirical-of crime and the criminal justice system in contemporary society. The criminology certificate is recommended for all students interested in examining issues associated with the patterns, correlates, and explanations of crime, as well as societal responses to crime, both formal and informal. Courses that are proposed for certificate credit are already regularly offered in the Sociology bachelor degree program. The certificate is appropriate and intended for students studying for, or currently working in, a number of disciplines or careers related to the criminal justice and legal system, security, education, public health, social sciences, and human services.

The certificate program is open to all NIU undergraduates with the exception of students completing the B.A./B.S. in Sociology with an emphasis in criminology. Students must maintain good academic standing in the university, maintain a 2.00 grade point average in certificate courses and complete all certificate course work within six calendar years. All courses for the certificate must be completed at NIU. Certificate courses in Sociology may be counted toward undergraduate degree requirements in the department. Students completing the B.A./B.S. in Sociology with an emphasis in criminology are not eligible to also receive a Certificate of Undergraduate Study in Criminology.

Requirements

- SOCI 288 - Criminology Credits: 3
- SOCI 289 - The Criminal Justice System Credits: 3

Any three of the following (9)

- SOCI 357 - The Sociology of Gender Credits: 3 SOCI 357 also fulfills the Human Diversity Requirement.
    - OR SOCI 361 - Race and Ethnicity Credits: 3 SOCI 361 also fulfills the Human Diversity Requirement.
    - OR SOCI 450 - Social Inequality Credits: 3 SOCI 450 is a writing infused course.
- SOCI 380 - Deviance in Society Credits: 3
- SOCI 382 - Terrorism, Hate Groups, and Homeland Security Credits: 3
- SOCI 384 - Police in a Democratic Society Credits: 3
- SOCI 385 - Gangs and Gang Behavior Credits: 3
- SOCI 386 - Peace and Social Justice Credits: 3
- SOCI 388 - Punishment and Corrections Credits: 3
- SOCI 390 - Internship in Sociology Credits: 3 With approval of department.
- SOCI 395 - Contemporary Topics in Sociology Credits: 3 With approval of department.
- SOCI 480 - Communities and Crime Credits: 3 SOCI 480 is a writing infused course.
- SOCI 485 - Law and Society Credits: 3 SOCI 485 is a writing infused course.
- SOCI 487 - Gender and Crime Credits: 3 SOCI 487 is a writing infused course.
- SOCI 488 - Juvenile Delinquency Credits: 3 SOCI 488 is a writing infused course.
- SOCI 492 - Comparative Criminology Credits: 3 SOCI 492 is a writing infused course.
- SOCI 495 - Special Topics in Sociology or Criminology Credits: 3 B. Criminology. SOCI 495B is a writing infused course.

Educator Licensure

Educator Licensure - Social Sciences: Sociology

Students who want to be licensed to teach sociology at the secondary level must declare their intention to do so with the History and Social Sciences Educator Licensure Program at the earliest possible opportunity. Educator licensure involves significant requirements in addition to the completion of a degree in sociology.

Admission

Students are admitted to the History and Social Sciences Educator Licensure Program when they have:

- established a file with the History and Social Sciences Educator Licensure Program and completed satisfactory reviews of progress each semester after establishment of the file;
- attained junior standing and completed at least 12 semester hours at NIU with a minimum GPA of 2.67;
- passed the Test of Academic Proficiency or equivalent recognized by the ISBE;
- completed at least 6 semester hours of sociology at NIU and earned a minimum GPA of 3.00 in all sociology courses taken at NIU;
- met all other Illinois State Board of Education (ISBE) requirements for admission to an educator licensure program; and
- obtained approval from the History and Social Sciences Educator Licensure Program.

Retention

Students admitted to the program must maintain program GPA requirements, display appropriate professional dispositions, and complete a satisfactory review of progress each semester with the History and Social Sciences Educator Licensure Program. Students must also pass any additional tests required by the ISBE for educator licensure such as the appropriate state Content Area Test (taken before student teaching) and the Teacher Performance Assessment (taken before program completion).

Department Requirements

Students must complete the requirements for a degree in sociology. In addition, they must complete SOCI 496X, History and Social Science Instruction for Secondary Educators. Except in unusual circumstances, SOCI 496X must be taken in the semester immediately prior to enrollment in student teaching and concurrently with the Third Clinical Secondary School Experience in History/Social Sciences.

- SOCI 496X - History and Social Science Instruction for Secondary and Middle Grades Educators Credits: 3

Other Requirements

Students pursuing educator licensure must take additional, approved course work in history and the social sciences to acquire the broad-based, interdisciplinary knowledge required of secondary social studies educators. Students must also complete approved professional education course work in areas such as special education methods, content-area literacy, and teaching English-language learners. Contact the History and Social Sciences Educator Licensure Program for the current list of history, social science, and education courses approved for fulfilling these requirements.

Students must also complete a three-semester sequence of pre-student teaching clinical experiences, including HIST 401, Third Clinical Secondary School Experience in History/Social Sciences, as well as HIST 400, Student Teaching in History/Social Sciences for Secondary Educators. Except in unusual circumstances, students are admitted to HIST 400 only upon satisfactory completion of all other work required for graduation and licensure.

Students pursuing educator licensure must have a grade of C or better in all course work specifically required for licensure. Higher number courses may be substituted if approved by the department.

The History and Social Sciences Educator Licensure Program complies with all ISBE rules as they relate to licensure as outlined in Title 23, Part 25 of the Illinois Administrative Code and all other applicable state laws and university requirements. Students should consult with the History and Social Sciences Educator Licensure Program to determine the necessary requirements to obtain educator licensure.

Placement

The History and Social Sciences Educator Licensure Program cannot guarantee geographic area, subject area, or availability of placements for clinical experiences including student teaching. All placements are arranged through the College of Liberal Arts and Sciences Office of School Partnerships and Placements.

The Degree with Honors

Sociology Degree with Honors

To be eligible for a degree with honors, students must have at least a 3.50 GPA in their sociology courses and be recommended by faculty in the department.

The degree with honors will be awarded to majors who maintain a cumulative GPA of at least 3.25 and a 3.50 GPA or above in sociology, and successfully complete at least 12 semester hours of sociology honors work (of which 6 hours must be SOCI 490, Senior Thesis).

Students who plan the senior departmental honors thesis in sociology should take at the honors level either SOCI 377A or SOCI 377B, Sociological Inquiry I or II, and a course in their field of sociology chosen in consultation with their adviser.

Details concerning application for the degree with honors in sociology can be obtained from the department office, Zulauf 815.

The University Honors Program is separate but complementary to the departmental degree with honors. Eligible students may participate in one or both programs simultaneously since there is some overlap in the requirements. Students interested in the University Honors

Program are encouraged to contact the University Honors office for more detailed information.

Accelerated Integrated Degree

Accelerated B.A. or B.S./J.D. Program in Sociology and the College of Law

Admission

The accelerated sequence leads to either a B.A. or B.S. in sociology and the J.D. degree. Students who want to complete this program must identify themselves to the Department of Sociology as majors who will complete the 3+3 program. This program is open to all undergraduates who major in sociology and have completed at least 90 credit hours of undergraduate course work, including all requirements for the sociology B.A. or B.S. degree, as well as all general education requirements, with a minimum GPA of 3.25. Juniors who have met these standards in their B.S. or B.A. degree in sociology are eligible to apply for admission to NIU's College of Law under the special provisions of this program. Students are encouraged to apply to the program as early as possible during their junior year. As part of the application to the College of Law, applicants must take the LSAT no later than February of their junior year and must score at or above the 50th percentile of the previous year's matriculating law class.

Curriculum

Students must complete all the requirements of the sociology B.A. or B.S. degree as well as all general education requirements by the end of their junior year. Students accepted into the College of Law pursuant to the special provisions of this program will matriculate in the College of Law in the fall of their senior year. Up to 30 hours of law courses will count toward the final 30 credits of the undergraduate degree. The final two years of the program will follow the standard College of Law timetable.

Accelerated B.A. or B.S./M.A. Program in Sociology

Admission

The accelerated sequence leads to either a B.A. or B.S. in sociology and the M.A. in sociology degrees. Students who wish to complete this program must identify themselves to the Department of Sociology as majors who will complete the program as soon as possible. The program is open to all undergraduates who major in sociology and have completed at least 96 semester hours of undergraduate course work, including all general education requirements and the following required courses in the major: SOCI 300, SOCI 301, SOCI 302, SOCI 377A, SOCI 377B. Students must possess a minimum overall GPA of 3.25 and a minimum GPA of 3.50 for the required courses in the major-SOCI 300, SOCI 301, SOCI 302, SOCI 377A, SOCI 377B-or a satisfactory score on the GRE. Students who have met these criteria are eligible to apply for admission to the M.A program in sociology under the special provisions of the accelerated degree program. Students must complete their application to the M.A. program according to the procedures of the Graduate School.

Curriculum

Students must complete all the requirements of the sociology B.A. or B.S. degree as well as all general education requirements by the end of their junior year and all required courses in the SOCI major: SOCI 300, SOCI 301, SOCI 302, SOCI 377A, SOCI 377B. Students accepted into the accelerated dual B.A. or B.S. and M.A. program in sociology pursuant to the special provisions of this program will matriculate in the graduate program in their senior year. Up to 18 credits of graduate courses will count toward the final 24 credits of the undergraduate degree. Upon receiving their undergraduate degree, students will then follow the standard timetable for receiving an M.A. in sociology.

Statistics and Actuarial Science (ACSC, STAT)

The Department of Statistics and Actuarial Science offers B.S. degrees in statistics and actuarial science.

The department also offers minors in statistics, and actuarial science. These minors should be of interest to students majoring in the physical or social sciences or in business. In addition, the department offers an honors program in statistics and actuarial science and participates in the University Honors Program.

Several of the department's courses partially fulfill the university quantitative literacy foundational studies requirement, and others can be used by non-majors toward fulfilling the nature and technology knowledge domain requirement in the university's general education program. In addition, several of its courses are included as requirements for other programs.

Department Regulations

For all majors in the department, the GPA in the major is calculated by using only those statistics and actuarial science courses numbered 300 or above that are available for credit toward the major.

Department Requirements

Students majoring or minoring in statistics or actuarial science must obtain a minimum GPA of 2.00 in those STAT/ACSC and mathematics and professional education courses applicable to their major or minor.

All majors are required to have a satisfactory portfolio of work done during their undergraduate studies on file in the Department of Statistics and Actuarial Science. The contents of the portfolio are used to assess the department's program and are to be accumulated largely through course work assignments and examinations; students are expected to cooperate with instructors as these items are collected. In addition, each student must submit in his or her senior year a 250-300 word typed essay describing the student's experience in the major, including comments on the connections of statistics with other disciplines. Details on the submission of materials and approval of the portfolio should be obtained from the student's adviser in the Department of Statistics and Actuarial Science.

With department permission, students are allowed to complete one major and one minor in the department. For the minor, the student must earn at least 6 semester hours in STAT/ACSC courses that are not counted in fulfillment of the major in the department. The major and the minor may not be in the same area.

Proficiency Examination Policy

Ordinarily students will not be allowed to attempt a proficiency examination for a course if they have received credit for a higher numbered course (for exceptions, consult the department).

Statistics and Actuarial Science Faculty

Alan Polansky, Ph.D., Southern Methodist University, associate professor, chair
Bárbara González, Ph.D., Cornell University, associate professor
Lei Hua, Ph.D., University of British Columbia, associate professor
Duchwan Ryu, Ph.D., Texas A&M, associate professor
Michelle Xia, Ph.D., University of British Columbia, associate professor
Haiming Zhou, Ph.D., University of South Carolina, associate professor

Majors

Actuarial Science (B.S.)

The student learning outcomes for this degree are located at www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

This major prepares students for careers in the actuarial profession and helps them learn material included in the Exams P / 1 (Probability), FM / 2 (Financial Mathematics), and Statistics and Risk Modeling of the Society of Actuaries (SOA) / Casualty Actuarial Society (CAS). A few courses relevant to Exam C / 4 (Construction and Evaluation of Actuarial Models) of the SOA / CAS, and to Exam MLC (Models for Life Contingencies) of the SOA are also available to actuarial students. The major also provides the Validation by Educational Experience (VEE) required by the societies if the students complete those courses with a grade of B or better.

Check departmental information for any additional requirements.

Requirements in Department (40)

- ACSC 350 - Theory of Interest Credits: 4
- ACSC 400X - Introduction to Probability Theory Credits: 3
    - OR STAT 400 - Introduction to Probability Theory Credits: 3
- ACSC 405 - Quantitative Methods for Actuaries Credits: 3
- ACSC 417X - Applied Statistical Learning Credits: 3
    - OR STAT 417 - Applied Statistical Learning Credits: 3
- ACSC 450 - Life Contingencies and Payment Models I Credits: 3
- STAT 300 - Introduction to Probability and Statistics Credits: 3
- STAT 410 - Mathematical Statistics I Credits: 3
- STAT 415 - Computational Methods in Statistics Credits: 3
- At least 12 additional semester hours of ACSC courses numbered 400 or higher or STAT 411; courses that are crosslisted with an ACSC course may be counted towards this requirement (12)
- At least 3 additional semester hours of STAT/ACSC courses numbered 400 or higher (3)

Requirements outside Department (32)

- ACCY 288 - Fundamentals of Accounting Credits: 3
- CSCI 240 - Computer Programming in C++ Credits: 4
- ECON 260 - Principles of Microeconomics Credits: 3 Available for general education credit.
- ECON 261 - Principles of Macroeconomics Credits: 3 Available for general education credit.
- FINA 320 - Principles of Finance Credits: 3
- MATH 229 - Calculus I Credits: 4 Available for general education credit.
- MATH 230 - Calculus II Credits: 4
- MATH 232 - Calculus III Credits: 4
- MATH 240 - Linear Algebra and Applications Credits: 4

Total Hours for a Major in Actuarial Science: 72 (B.S.)

Recommendations for Actuarial Students

A minor in computer science is highly recommended.

Statistics (B.S.)

The student learning outcomes for this degree are located at www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for additional requirements.

Requirements in Department (30-32)

- STAT 300 - Introduction to Probability and Statistics Credits: 3 Available for general education credit.
- STAT 400 - Introduction to Probability Theory Credits: 3
    - OR ACSC 400X - Introduction to Probability Theory Credits: 3
- STAT 410 - Mathematical Statistics I Credits: 3
- STAT 415 - Computational Methods in Statistics Credits: 3
- STAT 435 - Applied Regression Analysis Credits: 3
- STAT 437 - Categorical Data Analysis Credits: 3
    - OR ACSC 437X - Categorical Data Analysis Credits: 3
- At least 6 additional semester hours of STAT courses numbered 400 or higher. Courses that are crosslisted with a STAT course may be counted towards this requirement (6-8)
- At least 6 additional semester hours of STAT/ACSC/MATH courses numbered 400 or higher (6)

Requirements outside Department (20)

- CSCI 240 - Computer Programming in C++ Credits: 4
- MATH 229 - Calculus I Credits: 4 Available for general education credit.
- MATH 230 - Calculus II Credits: 4
- MATH 232 - Calculus III Credits: 4
- MATH 240 - Linear Algebra and Applications Credits: 4

Total Hours for a Major in Statistics: 50-52 (B.S.)

Recommendations for Statistics Students

A minor in a discipline that uses statistics is highly recommended.

Internship opportunities in statistics are available with many employers, including pharmaceutical companies, insurance companies, manufacturing companies, and government agencies.

Minor

Minor in Actuarial Science (29)

This minor is designed to provide preparatory study in actuarial science. Specifically, students completing the required course work can take the professional Exams P/1 (Probability) and FM/2 (Financial Mathematics) of the Society of Actuaries/Casualty Actuarial Society.

Check departmental information for any additional requirements.

Requirements

Ten or more semester hours in the minor must be taken at NIU.

- ACSC 350 - Theory of Interest Credits: 4
- ACSC 400X - Introduction to Probability Theory Credits: 3
    - OR STAT 400 - Introduction to Probability Theory Credits: 3
- ACSC 405 - Quantitative Methods for Actuaries Credits: 3
- MATH 229 - Calculus I Credits: 4 *Available for Foundational Studies Quantitative Literacy Requirement.*
- MATH 230 - Calculus II Credits: 4
- MATH 232 - Calculus III Credits: 4
- MATH 240 - Linear Algebra and Applications Credits: 4
- STAT 300 - Introduction to Probability and Statistics Credits: 3 *Available for Foundational Studies Quantitative Literacy Requirement.*

Minor in Statistics (21-23)

Check departmental information for any additional requirements.

Requirements (21-23)

Six or more semester hours in the minor must be taken at NIU.

- MATH 229 - Calculus I Credits: 4 Available for general education credit.
- MATH 230 - Calculus II Credits: 4
- MATH 232 - Calculus III Credits: 4
- STAT 300 - Introduction to Probability and Statistics Credits: 3 Available for general education credit.
- Two STAT courses numbered 400 or above; courses that are crosslisted with a STAT course may be counted towards this requirement (6-8)

The Degree with Honors

Actuarial Science Degree with Honors

The Department of Statistics and Actuarial Science offers the exceptional student an opportunity to earn a degree with honors in any of the two majors. Any statistics or actuarial student may become a candidate for a degree with honors at the end of the sophomore year provided the student has a 3.00 or higher overall GPA and has a 3.50 or higher GPA in all STAT/ACSC courses completed.

A student with these qualifications who wishes to become a candidate for a degree with honors should go to the Department of Statistics and Actuarial Science to fill out a candidacy form and be assigned a departmental honors

advisor. After the end of the sophomore year, a student showing exceptional talent may also become a candidate for a degree with honors by obtaining consent from the department.

Most 300-level and 400-level statistics and actuarial courses may be taken as departmental honors courses by filling out a form at the Department of Statistics and Actuarial Science. A student may also obtain honors credit for this course in the University Honors program by filling out an in-course contract with the Honors program.

Requirements

Maintain a 3.00 or higher overall GPA.

Maintain a 3.50 or higher GPA for STAT/ACSC courses numbered 300 and above.

Take at least four STAT/ACSC courses numbered 300 or higher for departmental honors credit. In one of the 400-level departmental honors courses, prepare and submit an independent study paper on a suitable topic. The paper must be approved by the instructor of the course and by the departmental honors degree advisor. This paper requirement may also be fulfilled by completing an Honors Capstone (in the University Honors program) with a faculty member in the Department of Statistics and Actuarial Science. The Honors Capstone will also count as a departmental honors 400 level course.

In addition to all these requirements, the student needs to show involvement in the Department of Statistics and Actuarial Science. The student must complete at least two (2) departmental involvement activities. The student must submit each activity for approval to the departmental honors advisor. A list of past approved activities may be obtained from the departmental honors advisor.

The University Honors Program is separate but complimentary to the departmental degree with honors. Eligible students may participate in one or both programs simultaneously since there is some overlap in the requirements. Students interested in the University Honors Program are encouraged to contact the University Honors office for more detailed information.

Statistics Degree with Honors

The Department of Statistics and Actuarial Science offers the exceptional student an opportunity to earn a degree with honors in any of the two majors. Any statistics or actuarial student may become a candidate for an honors degree at the end of the sophomore year provided the student has a 3.00 or higher overall GPA and has a 3.50 or higher GPA in all STAT/ACSC courses completed.

A student with these qualifications who wishes to become an honors degree candidate should go to the Department of Statistics and Actuarial Science to fill out a candidacy form and be assigned an honors advisor. After the end of the sophomore year, a student showing exceptional talent may also become an honors degree candidate by obtaining consent from the department.

Most 300-level and 400-level statistics and actuarial courses may be taken as honors courses by filling out a form at the Department of Statistics and Actuarial Science. A student may also obtain honors credit for this course in the University Honors program by filling out an in-course contract with the Honors program.

Requirements

Maintain a 3.00 or higher overall GPA.

Maintain a 3.50 or higher GPA for STAT/ACSC courses numbered 300 and above.

Take at least four STAT/ACSC honors courses numbered 300 or higher. In one of the 400-level honors courses, prepare and submit an independent study paper on a suitable topic. The paper must be approved by the instructor of the course and by the honors degree adviser. This paper requirement may also be fulfilled by completing an Honors Capstone (in the University Honors program) with a faculty member in the Department of Statistics and Actuarial Science. The Honors Capstone will also count as a departmental honors 400 level course.

In addition to all these requirements, the student needs to show involvement in the Department of Statistics and Actuarial Science. The student must complete at least two (2) departmental involvement activities. The student must submit each activity for approval to the departmental honors advisor. A list of past approved activities may be obtained from the departmental honors advisor.

The University Honors Program is separate but complimentary to the departmental degree with honors. Eligible students may participate in one or both programs simultaneously since there is some overlap in the requirements. Students interested in the University Honors Program are encouraged to contact the University Honors office for more detailed information.

Center for the Study of Women, Gender, and Sexuality (WGSS)

Jessica Reyman, Acting Director

The Center for the Study of Women, Gender, and Sexuality offers a broad array of courses regularly taught by joint appointment faculty, Graduate Assistants, and staff. The Center offers undergraduate programs, including a major in Women, Gender, and Sexuality Studies, a certificate and a minor in Women's and Gender Studies, and a certificate and

a minor in LGBTQ+ Studies. Students may double-minor in both WGST and LGBTQ+ Studies. Grounded in social movements and reaching toward more just and equitable futures, the field of Women, Gender, and Sexuality Studies empowers students to become deeply informed agents of personal and collective transformation.

Majors

Women, Gender, and Sexuality Studies (B.A. or B.S.)

The Center for the Study of Women, Gender, and Sexuality offers a broad array of courses regularly taught by joint appointment faculty, Graduate Assistants, and staff. The Center offers undergraduate programs, including a major in Women, Gender, and Sexuality Studies, a certificate and a minor in Women's and Gender Studies, and a certificate and a minor in LGBTQ+ Studies. Students may double-minor in both WGST and LGBTQ+ Studies. Grounded in social movements and reaching toward more just and equitable futures, the field of Women, Gender, and Sexuality Studies empowers students to become deeply informed agents of personal and collective transformation.

Requirements in Department (19)

- WGSS 101 - Introduction to Women, Gender and Sexuality Studies Credits: 3 *Available for General Education credit in the Society and Culture Domain. WGSS 101 fulfills the Human Diversity Requirement.*
- WGSS 201 - Global Gender Issues Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- WGSS 300 - Research Methods in Women, Gender, and Sexuality Studies Credits: 4
- WGSS 350 - Lesbian, Gay, Bisexual, and Transgender Studies Credits: 3 *Available for General Education credit in the Society and Culture Domain. WGSS 350 also fulfills the Human Diversity Requirement. WGSS 350 is a writing infused course.*
- WGSS 432 - Feminist and Queer Theories Credits: 3 *WGSS 432 is a writing infused course.*
- WGSS 499 - WGSS Capstone Credits: 3

Requirements outside Department (B.A., 15-27; B.S., 25-30)

For the B.A. degree

Fulfillment of B.A. foreign language requirement (0-12)
(See "Foreign Language Requirement for the B.A. Degree")

For the B.S. degree

Mathematics/laboratory science sequence (10-15)
(See "College Requirement for the B.S. Degree")

Electives (15)

Students choose 15 credit hours of electives from the following list

- ANTH 361 - Cross-Cultural Perspectives on Women Credits: 3
- ANTH 422 - Gender in Southeast Asia Credits: 3 *ANTH 422 is a writing infused course.*
- ANTH 441 - Sexual Selection in Primates Credits: 3 *ANTH 441 is a writing infused course.*
- ANTH 468 - Anthropology of Gender Credits: 3
- BIOS 324X - Women in Science Credits: 3 *Available for General Education credit in the Society and Culture Domain. BIOS 324X also fulfills the Human Diversity Requirement.*
- BKST 402 - The Africana Woman Credits: 3
- COMS 410 - Communication and Gender Credits: 3 *Available for General Education credit in the Society and Culture Domain. COMS 410 also fulfills the Human Diversity Requirement.*
- ENGL 381 - Multicultural American Literature Credits: 3 *ENGL 381 is a writing infused course. ENGL 381 also fulfills the Human Diversity Requirement.*
- ENGL 382 - Women Writers: The Tradition in English Credits: 3 *ENGL 382 is a writing infused course. ENGL 382 also fulfills the Human Diversity Requirement.*
- ENGL 383 - Gay and Lesbian Literature Credits: 3 *ENGL 383 is a writing infused course. ENGL 383 also fulfills the Human Diversity Requirement.*
- ENGL 434X - Language and Gender Credits: 3 *ENGL 434X also fulfills the Human Diversity Requirement.*
- FLFR 445 - Feminism in France Credits: 3 *FLFR 445 is a writing infused course.*
- FLSP 439 - Women Authors in Hispanic Literature Credits: 3 *FLSP 439 is a writing infused course.*
- FSMD 464 - Social Psychology of Dress and Appearance Credits: 3 *FSMD 464 also fulfills the Human Diversity Requirement.*
- GEOG 324X - Women in Science Credits: 3 *Available for General Education credit in the Society and Culture Domain. GEOG 324X also fulfills the Human Diversity Requirement.*
- HDFS 384 - Asian American Families Credits: 3 *HDFS 384 also fulfills the Human Diversity requirement.*
- HIST 322 - Women in Modern Europe Credits: 3 *HIST 322 also fulfills the Human Diversity Requirement.*
- HIST 346 - Women in Asian History Credits: 3 *HIST 346 also fulfills the Human Diversity Requirement.*
- HIST 353 - Women in African History Credits: 3 *HIST 353 is a writing infused course. HIST 353 also fulfills the Human Diversity Requirement.*
- HIST 367 - U.S. LGBT History Credits: 3 *HIST 367 also fulfills the Human Diversity Requirement.*
- HIST 369 - Women in United States History Credits: 3 *Available for General Education credit in the Creativity and Critical Analysis Domain. HIST 369 also fulfills the Human Diversity Requirement.*
- HIST 402 - Gender and Sexuality in History Credits: 3 *HIST 402 also fulfills the Human Diversity Requirement.*

- HIST 407 - Medieval Women Credits: 3 *HIST 407 is a writing infused course. HIST 407 also fulfills the Human Diversity Requirement.*
- MGMT 498 - Equal Opportunity and Employment Credits: 3
- NUTR 406 - Global Food and Nutrition Issues Credits: 3 *Available for General Education credit in the Society and Culture Domain. NUTR 406 is a writing infused course.*
- PHIL 355 - Feminism and Philosophy Credits: 3 *PHIL 355 also fulfills the Human Diversity Requirement.*
- POLS 373 - Women and Politics Credits: 3 *POLS 373 also fulfills the Human Diversity Requirement.*
- POLS 411 - Constitutional Law II Credits: 3
- PSYC 424 - Adolescent Development Credits: 3
- PSYC 474 - Psychological Basis of Sexuality Credits: 3 *PSYC 474 also fulfills the Human Diversity Requirement.*
- SCL 100 - Foundation of Social Change Leadership Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- SCL 200 - Application of Social Change Leadership Credits: 3
- SOCI 354 - Families and Social Change Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- SOCI 356 - Health, Aging, and Society Credits: 3
- SOCI 357 - The Sociology of Gender Credits: 3 *SOCI 357 also fulfills the Human Diversity Requirement.*
- SOCI 450 - Social Inequality Credits: 3 *SOCI 450 is a writing infused course.*
- SOCI 487 - Gender and Crime Credits: 3 *SOCI 487 is a writing infused course.*
- WGSS 202 - Women and Cultural Expression Credits: 3 *Available for General Education credit in the Creativity and Critical Analysis Domain. WGSS 202 also fulfills the Human Diversity Requirement.*
- WGSS 240 - Issues in Women, Gender, and Sexuality Studies Credits: 3
- WGSS 324 - Women in Science Credits: 3 *Available for General Education credit in the Society and Culture Domain. WGSS 324 also fulfills the Human Diversity Requirement.*
- WGSS 332 - Growing Up Girl Credits: 3 *WGSS 332 also fulfills the Human Diversity Requirement.*
- WGSS 390 - Internship in Women, Gender, and Sexuality Studies Credits: 1-3
- WGSS 424 - Topics in Gender and STEM Credits: 3
- WGSS 430 - Special Topics in Women's and Gender Studies Credits: 3
- WGSS 434 - Language and Gender Credits: 3 *WGSS 434 also fulfills the Human Diversity Requirement.*
- WGSS 435 - Gender and the Environment Credits: 3 *WGSS 435 also fulfills the Human Diversity Requirement.*
- WGSS 436 - Current Debates Seminar: Women, Gender, and Sexuality Studies Credits: 3
- WGSS 439 - Independent Study in Women, Gender, and Sexuality Studies Credits: 3
- WGSS 450 - Transgender Studies Credits: 3 *WGSS 450 also fulfills the Human Diversity Requirement.*

Special Requirement (12-28)

Students must also fulfill the requirements of a minor, which must be selected in consultation with a department advisor.

Total Hours for Major in Women, Gender, and Sexuality Studies 46-74 (B.A.) OR 56-77 (B.S.)

with NO Foundational Studies and NO Knowledge Domain General Education requirements.

Foundational Studies (0-12)

Writing Requirement (0-6 hours)
100-level Rhetoric and Composition (0-3 hours)
200-level Writing in the Domains (3 hours)
Oral Communication Requirement (0-3 hours)
Quantitative Literacy Requirements (0-3 hours)

Knowledge Domain Requirements (21)

Creativity and Critical Analysis (6 hours)

Select any two courses from the list of courses in the Creativity and Critical Analysis knowledge domain listed in the catalog.

Nature and Technology (6 hours)

Select any two courses from the list of courses in the Nature and Technology knowledge domain listed in the catalog.

Society and Culture (6 hours)

Select any two courses from the list of courses in the Society and Culture knowledge domain listed in the catalog.

Elective from any knowledge domain (3 hours)

Select any course from the list of all Knowledge Domain courses in the in the catalog.

Electives

In consultation with catalog requirements, students would take electives or pursue additional certificates, minors, and/or majors to reach the graduation requirement of 120 hours.

Total Hours for a Major in Women, Gender, and Sexuality Studies: 67-107 (B.A.); 77- 110 (B.S.)

including Foundational Studies and Knowledge Domain General Education requirements.

Minor

Minor in LGBTQ+ Studies (18)

The interdisciplinary minor in LGBTQ+ Studies is recommended for all students interested in examining historical and contemporary issues related to identity, power, citizenship, and contributions of lesbian, gay, bisexual, transgender, and queer people. Complex problems surrounding gender and sexuality are explored in depth, in a variety of contexts. Such exploration should broaden students' understanding of current societal expectations for both gay and straight people, thereby increasing their effectiveness and sensitivity in a variety of interpersonal and professional settings. The minor is particularly appropriate for students preparing for advanced study in a variety of disciplines or careers in business, communications, sciences, education, health, humanities, and human services.

Elective courses for the minor are chosen to complement the student's background, interests, and career plans and, in some instances, also help satisfy distributive studies area requirements in the general education program. Faculty members from a wide variety of departments participate in the core and special topics courses of the minor. Students interested in declaring this interdisciplinary minor should contact the Center for Women, Gender, and Sexuality, Reavis Hall 103, early in their college careers for information and advisement.

Students may enroll in a variety of internships combining their professional interests with their preparation in LGBTQ+ studies. Independent study and topics courses in a variety of departments may meet the minor requirements, with the approval of the coordinator of the LGBTQ+ Studies program, when substantial treatment of LGBTQ+ Studies is included in the course.

Students must complete 18 semester hours for this minor and are urged to complete WGSS 101, WGSS 350, and WGSS 432 as early as possible. No more than 9 semester hours from the list of requirements can be applied toward both the LGBTQ+ minor and the WGSS minor.

Check departmental information for additional requirements.

Requirements (18)

All LGBTQ+ Studies minors must take (9):

- WGSS 101 - Introduction to Women, Gender and Sexuality Studies Credits: 3 WGSS 101 also fulfills the Human Diversity Requirement. Available for general education credit. This is a society and culture eneral education course for the Social Justice and Diversity Pathway.
- WGSS 350 - Lesbian, Gay, Bisexual, and Transgender Studies Credits: 3 WGSS 350 is a writing infused course. WGSS 350 also fulfills the Human Diversity Requirement. Available for general education credit.
- WGSS 432 - Feminist and Queer Theories Credits: 3 WGSS 432 also fulfills the Human Diversity Requirement.

Three of the following (9)

- ANTH 422 - Gender in Southeast Asia Credits: 3 ANTH 422 is a writing infused course.
- ANTH 468 - Anthropology of Gender Credits: 3
- ARTH 451 - Cultural Perspectives in Ancient Art and Architecture Credits: 3 May be counted toward the minor when topic is appropriate. ARTH 451 is a writing infused course.
- COMS 230 - Rhetoric and the Media Credits: 3 If there is significant coverage of sexuality in course.
- COMS 410 - Communication and Gender Credits: 3 COMS 410 also fulfills the Human Diversity Requirement. This is a society and culture general education course for the Social Justice and Diversity Pathway.
- ENGL 383 - Gay and Lesbian Literature Credits: 3 ENGL 383 is a writing infused course. ENGL 383 also fulfills the Human Diversity Requirement.
- ENGL 400 - Literary Topics Credits: 3 May be counted toward the minor when topic is appropriate.
- ENGL 434X - Language and Gender Credits: 3 ENGL 434X also fulfills the Human Diversity Requirement.
- HIST 367 - U.S. LGBT History Credits: 3 HIST 367 also fulfills the Human Diversity Requirement.
- HIST 402 - Gender and Sexuality in History Credits: 3 HIST 402 also fulfills the Human Diversity Requirement.
- PHIL 103 - Contemporary Issues in Ethics Credits: 3 If there is significant coverage of sexuality in course.
- POLS 320 - Biopolitics and Human Nature Credits: 3 If there is significant coverage of sexuality in course.
- POLS 414 - Topics in Law and Social Problems Credits: 3 May be counted toward the minor when topic is appropriate.
- POLS 495 - Seminar in Current Problems Credits: 3 May be counted toward the minor when topic is appropriate.
- PSYC 474 - Psychological Basis of Sexuality Credits: 3 PSYC 474 also fulfills the Human Diversity Requirement.
- SCL 100 - Foundation of Social Change Leadership Credits: 3 Available for general education credit.
- SCL 200 - Application of Social Change Leadership Credits: 3
- SOCI 357 - The Sociology of Gender Credits: 3 SOCI 357 also fulfills the Human Diversity Requirement.
- SOCI 450 - Social Inequality Credits: 3 SOCI 450 is a writing infused course.
- SOCI 495 - Special Topics in Sociology or Criminology Credits: 3 May be counted toward the minor when topic is appropriate. SOCI 495 is a writing infused course.
- WGSS 300 - Research Methods in Women, Gender, and Sexuality Studies Credits: 4 WGSS 300 is a writing infused course.
- WGSS 332 - Growing Up Girl Credits: 3 WGSS 332 also fulfills the Human Diversity Requirement.

- WGSS 390 - Internship in Women, Gender, and Sexuality Studies Credits: 1-3
- WGSS 430 - Special Topics in Women's and Gender Studies Credits: 3 May be counted toward the minor when topic is appropriate.
- WGSS 436 - Current Debates Seminar: Women, Gender, and Sexuality Studies Credits: 3
- WGSS 450 - Transgender Studies Credits: 3 WGSS 450 also fulfills the Human Diversity Requirement.

Minor in Women's and Gender Studies (18)

The minor in women's and gender studies is recommended for all students interested in examining historical and contemporary roles, perceptions, and contributions of women and in exploring other gender-related issues. Such exploration should broaden students' understanding of current societal expectations for both women and men, thereby increasing their effectiveness and sensitivity in a variety of interpersonal and professional settings. The minor is particularly appropriate for students preparing for advanced study in a variety of disciplines or careers in business, communications, education, health, humanities, and human services.

Elective courses for the minor are chosen to complement the student's background, interests, and career plans and, in some instances, also help satisfy distributive studies area requirements in the general education program. Faculty members from a wide variety of departments participate in the core and special topics courses of the minor. Students interested in declaring this interdisciplinary minor should contact the Center for the Study of Women, Gender, and Sexuality, Reavis Hall 103, early in their college careers for information and advisement.

Students may enroll in a variety of internships combining their professional interests with their preparation in women's and gender studies. Past interns have worked with the Cook County victim's assistance program, the local shelter for battered women, the Governor's Commission on the Status of Women, a medical school research grant on women's wellness, a high school girls' leadership project, and other organizations' activities.

Students must complete 18 semester hours for this minor and are urged to complete WGSS101, WGSS 202, and WGSS 432 as early as possible. No more than 9 semester hours from the list of requirements can be applied toward both the LGBT minor and the WGST minor.

Independent study and topics courses in a variety of departments may meet the minor requirements, with the approval from the director of the Center for the Study of Women, Gender, and Sexuality, when substantial treatment of women's and gender studies is included in the course.

Check departmental information for additional requirements.

Requirements (15-18)

Six or more semester hours in the minor must be taken at NIU.

- WGSS 101 - Introduction to Women, Gender and Sexuality Studies Credits: 3 Available for general education credit. WGSS 101 also fulfills the Human Diversity Requirement. This is a society and culture general education course for the Social Justice and Diversity Pathway.
- WGSS 201 - Global Gender Issues Credits: 3 Available for general education credit.
    - OR WGSS 202 - Women and Cultural Expression Credits: 3 Available for general education credit. WGSS 202 also fulfills the Human Diversity Requirement. This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- WGSS 432 - Feminist and Queer Theories Credits: 3

Three of the following (9)

- ANTH 361 - Cross-Cultural Perspectives on Women Credits: 3
- ANTH 422 - Gender in Southeast Asia Credits: 3 ANTH 422 is a writing infused course.
- ANTH 441 - Sexual Selection in Primates Credits: 3 ANTH 441 is a writing infused course.
- ANTH 468 - Anthropology of Gender Credits: 3
- ARTH 485 - Topics in Art History Credits: 3 D. Images of Women. ARTH 485 is a writing infused course.
- BKST 402 - The Africana Woman Credits: 3
- COMS 410 - Communication and Gender Credits: 3 Available for general education credit. COMS 410 also fulfills the Human Diversity Requirement. This is a society and culture general education course for the Social Justice and Diversity Pathway.
- ENGL 309 - Popular Genres Credits: 3 (May be counted toward the minor when topic is appropriate.)
    - OR ENGL 381 - Multicultural American Literature Credits: 3 (May be counted toward the minor when topic is appropriate.) ENGL 381 is a writing infused course. ENGL 381 also fulfills the Human Diversity Requirement.
    - OR ENGL 399 - Topics in American Literature Credits: 3 (May be counted toward the minor when topic is appropriate.)
    - OR ENGL 400 - Literary Topics Credits: 3 (May be counted toward the minor when topic is appropriate.)
    - OR ENGL 499 - Topics in English Literature Credits: 3 (May be counted toward the minor when topic is appropriate.)
- ENGL 382 - Women Writers: The Tradition in English Credits: 3 ENGL 382 is a writing infused course. ENGL 382 also fulfills the Human Diversity Requirement.
- ENGL 383 - Gay and Lesbian Literature Credits: 3 ENGL 383 is a writing infused course. ENGL 383 also fulfills the Human Diversity Requirement.

- ENGL 434X - Language and Gender Credits: 3 ENGL 434X fulfills the Human Diversity Requirement.
- FLFR 445 - Feminism in France Credits: 3 FLFR 445 is a writing infused course.
- FLSP 439 - Women Authors in Hispanic Literature Credits: 3 FLSP 439 is a writing infused course.
- FLST 481 - Special Topics in Literature I Credits: 3 (May be counted toward the minor when topic is appropriate.)
- FSMD 464 - Social Psychology of Dress and Appearance Credits: 3 FSMD 464 is a writing infused course. FSMD 464 also fulfills the Human Diversity Requirement.
- HDFS 384 - Asian American Families Credits: 3 HDFS 384 also fulfills the Human Diversity Requirement.
- HIST 322 - Women in Modern Europe Credits: 3 HIST 322 also fulfills the Human Diversity Requirement.
- HIST 346 - Women in Asian History Credits: 3 HIST 346 also fulfills the Human Diversity Requirement.
- HIST 353 - Women in African History Credits: 3 HIST 353 is a writing infused course. HIST 353 also fulfills the Human Diversity Requirement.
- HIST 369 - Women in United States History Credits: 3 Available for general education credit. HIST 369 also fulfills the Human Diversity Requirement. This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- HIST 402 - Gender and Sexuality in History Credits: 3 HIST 402 also fulfills the Human Diversity Requirement.
- HIST 407 - Medieval Women Credits: 3 HIST 407 is a writing infused course. HIST 407 also fulfills the Human Diversity Requirement.
- MGMT 498 - Equal Opportunity and Employment Credits: 3
- NUTR 406 - Global Food and Nutrition Issues Credits: 3 Available for general education credit. This is a nature and technology general education course for the Global Connections Pathway.
- PHHE 406 - Dimensions of Human Sexuality Credits: 3
- PHIL 355 - Feminism and Philosophy Credits: 3 PHIL 355 also fulfills the Human Diversity Requirement.
- POLS 373 - Women and Politics Credits: 3 POLS 373 also fulfills the Human Diversity Requirement.
- POLS 411 - Constitutional Law II Credits: 3
- PSYC 424 - Adolescent Development Credits: 3
- PSYC 474 - Psychological Basis of Sexuality Credits: 3 PSYC 474 also fulfills the Human Diversity Requirement.
- SOCI 354 - Families and Social Change Credits: 3 Available for general education credit. This is a society and culture general education course for the Creativity, Innovation, and Change Pathway.
- SOCI 357 - The Sociology of Gender Credits: 3 SOCI 357 also fulfills the Human Diversity Requirement.
- SOCI 450 - Social Inequality Credits: 3 SOCI 450 is a writing infused course.
- SOCI 487 - Gender and Crime Credits: 3 SOCI 487 is a writing infused course.
- WGSS 240 - Issues in Women, Gender, and Sexuality Studies Credits: 3
- WGSS 324 - Women in Science Credits: 3 Available for general education credit. WGSS 324 also fulfills the Human Diversity Requirement. This is a society and culture general education course for the Social Justice and Diversity Pathway.
    - OR BIOS 324X - Women in Science Credits: 3 Available for general education credit. BIOS 324X also fulfills the Human Diversity Requirement. This is a society and culture general education course for the Social Justice and Diversity Pathway.
    - OR GEOG 324X - Women in Science Credits: 3 Available for general education credit. GEOG 324X also fulfills the Human Diversity Requirement. This is a society and culture general education course for the Social Justice and Diversity Pathway.
- WGSS 332 - Growing Up Girl Credits: 3 WGSS 332 also fulfills the Human Diversity Requirement.
- WGSS 350 - Lesbian, Gay, Bisexual, and Transgender Studies Credits: 3 WGSS 350 is a writing infused course. WGSS 350 also fulfills the Human Diversity Requirement. Available for general education credit. This is a society and culture general education course for the Social Justice and Diversity Pathway.
- WGSS 390 - Internship in Women, Gender, and Sexuality Studies Credits: 1-3
- WGSS 424 - Topics in Gender and STEM Credits: 3
- WGSS 430 - Special Topics in Women's and Gender Studies Credits: 3
- WGSS 432 - Feminist and Queer Theories Credits: 3
- WGSS 434 - Language and Gender Credits: 3 WGSS 434 also fulfills the Human Diversity Requirement.
- WGSS 435 - Gender and the Environment Credits: 3 WGSS 435 also fulfills the Human Diversity Requirement.
- WGSS 436 - Current Debates Seminar: Women, Gender, and Sexuality Studies Credits: 3
- WGSS 439 - Independent Study in Women, Gender, and Sexuality Studies Credits: 3
- WGSS 450 - Transgender Studies Credits: 3 WGSS 450 also fulfills the Human Diversity Requirement.

Certificate of Undergraduate Study

Lesbian, Gay, Bisexual, Transgender, and Queer+ Studies (12)

This certificate is designed for students interested in examining issues of gender and sexual orientation in order to function as informed citizens and successful professionals in the 21st century. Such exploration should broaden students' understanding of societal expectations about and the historical and contemporary contributions of sexual minorities, thereby increasing their effectiveness and sensitivity in a variety of interpersonal and professional settings. The certificate is particularly appropriate for students preparing for or currently working in a variety of

disciplines or careers in business, communications, the arts, education, health, humanities, social sciences, and human services.

To pursue the certificate, students must be admitted to the university but need not be enrolled in a degree program.

All requirements for the certificate must be completed within a period of six consecutive years.

Requirements (12)

- WGSS 350 - Lesbian, Gay, Bisexual, and Transgender Studies Credits: 3 WGSS 350 is a writing infused course. WGSS 350 also fulfills the Human Diversity Requirement. Available for general education credit. This is a society and culture general education course for the Social Justice and Diversity Pathway.

Three of the following (9)

- ANTH 422 - Gender in Southeast Asia Credits: 3 ANTH 422 is a writing infused course.
- ANTH 468 - Anthropology of Gender Credits: 3
- COMS 410 - Communication and Gender Credits: 3 COMS 410 also fulfills the Human Diversity Requirement. Available for general education credit. This is a society and culture general education course for the Social Justice and Diversity Pathway.
- ENGL 383 - Gay and Lesbian Literature Credits: 3 ENGL 383 is a writing infused course. ENGL 383 also fulfills the Human Diversity Requirement.
- ENGL 400 - Literary Topics Credits: 3 May be counted toward the certificate when topic is appropriate.
- HIST 367 - U.S. LGBT History Credits: 3 HIST 367 also fulfills the Human Diversity Requirement.
- HIST 402 - Gender and Sexuality in History Credits: 3 HIST 402 also fulfills the Human Diversity Requirement.
- PSYC 474 - Psychological Basis of Sexuality Credits: 3 PSYC 474 also fulfills the Human Diversity Requirement.
- SCL 100 - Foundation of Social Change Leadership Credits: 3 Available for general education credit.
- SCL 200 - Application of Social Change Leadership Credits: 3
- SOCI 357 - The Sociology of Gender Credits: 3 SOCI 357 also fulfills the Human Diversity Requirement.
- WGSS 101 - Introduction to Women, Gender and Sexuality Studies Credits: 3 WGSS 101 also fulfills the Human Diversity Requirement. Available for general education credit. This is a society and culture general education course for the Social Justice and Diversity Pathway.
- WGSS 202 - Women and Cultural Expression Credits: 3 WGSS 202 also fulfills the Human Diversity Requirement. Available for general education credit. This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- WGSS 300 - Research Methods in Women, Gender, and Sexuality Studies Credits: 4 WGSS 300 is a writing infused course.
- WGSS 390 - Internship in Women, Gender, and Sexuality Studies Credits: 1-3
- WGSS 430 - Special Topics in Women's and Gender Studies Credits: 3
- WGSS 432 - Feminist and Queer Theories Credits: 3

Women's and Gender Studies (12)

This certificate is designed for students interested in examining issues of historical and contemporary gender inequality, both within the U.S. and abroad. Students will be able to critically assess the ways that gender has been used to constrain people's opportunities as well as ways that it has been harnessed as a tool for change. The certificate will help students function as informed citizens and successful professionals in the 21st century. Course material will increase students' sensitivity and effectiveness in a variety of interpersonal and professional settings. The certificate is particularly appropriate for students preparing for or currently working in a variety of disciplines or careers in business, communications, the arts, education, health, humanities, social sciences, and human services.

To pursue the certificate, students must be admitted to the university but need not be enrolled in a degree program.

All requirements for the certificate must be completed within a period of six consecutive years.

Requirements (12)

Required courses (6)

- WGSS 101 - Introduction to Women, Gender and Sexuality Studies Credits: 3 *Available for General Education credit in the Society and Culture Domain. WGSS 101 also fulfills the Human Diversity Requirement.*
- WGSS 201 - Global Gender Issues Credits: 3 *Available for General Education credit in the Society and Culture Domain.*

Two of the following courses in any field, focused on women and/or gender (6)

- ANTH 361 - Cross-Cultural Perspectives on Women Credits: 3
- ANTH 422 - Gender in Southeast Asia Credits: 3 *ANTH 422 is a writing infused course.*
- ANTH 441 - Sexual Selection in Primates Credits: 3 *ANTH 441 is a writing infused course.*
- ANTH 468 - Anthropology of Gender Credits: 3
- BIOS 324X - Women in Science Credits: 3 *Available for General Education credit in the Society and Culture*

Domain. BIOS 324X also fulfills the Human Diversity Requirement.
    - OR GEOG 324X - Women in Science Credits: 3 *Available for General Education credit in the Society and Culture Domain. GEOG 324X also fulfills the Human Diversity Requirement.*
    - OR WGSS 324 - Women in Science Credits: 3 *Available for General Education credit in the Society and Culture Domain. WGSS 324 also fulfills the Human Diversity Requirement.*
- COMS 410 - Communication and Gender Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- ENGL 309 - Popular Genres Credits: 3 May be counted toward the minor when topic is appropriate.
    - OR ENGL 381 - Multicultural American Literature Credits: 3 May be counted toward the minor when topic is appropriate. *ENGL 381 is a writing infused course. ENGL 381 fulfills the Human Diversity Requirement.*
    - OR ENGL 399 - Topics in American Literature Credits: 3 May be counted toward the minor when topic is appropriate.
    - OR ENGL 400 - Literary Topics Credits: 3 May be counted toward the minor when topic is appropriate.
    - OR ENGL 499 - Topics in English Literature Credits: 3 May be counted toward the minor when topic is appropriate.
- ENGL 382 - Women Writers: The Tradition in English Credits: 3 *ENGL 382 is a writing infused course. ENGL 382 also fulfills the Human Diversity Requirement.*
- ENGL 383 - Gay and Lesbian Literature Credits: 3 *ENGL 383 is a writing infused course. ENGL 383 also fulfills the Human Diversity Requirement.*
- ENGL 434X - Language and Gender Credits: 3 *ENGL 434X also fulfills the Human Diversity Requirement.*
    - OR WGSS 434 - Language and Gender Credits: 3 *WGSS 434 also fulfills the Human Diversity Requirement.*
- FLFR 445 - Feminism in France Credits: 3 *FLFR 445 is a writing infused course.*
- FLSP 439 - Women Authors in Hispanic Literature Credits: 3 *FLSP 439 is a writing infused course.*
- FLST 481 - Special Topics in Literature I Credits: 3 May be counted toward the minor when topic is appropriate.
- HIST 322 - Women in Modern Europe Credits: 3 *HIST 322 also fulfills the Human Diversity Requirement.*
- HIST 346 - Women in Asian History Credits: 3 *HIST 346 also fulfills the Human Diversity Requirement.*
- HIST 353 - Women in African History Credits: 3 *HIST 353 is a writing infused course. HIST 353 also fulfills the Human Diversity Requirement.*
- HIST 369 - Women in United States History Credits: 3 *Available for General Education credit in the Creativity and Critical Analysis Domain.* HIST 369 also fulfills the Human Diversity Requirement.
- HIST 402 - Gender and Sexuality in History Credits: 3 *HIST 402 also fulfills the Human Diversity Requirement.*
- HIST 407 - Medieval Women Credits: 3 *HIST 407 is a writing infused course. HIST 407 also fulfills the Human Diversity Requirement.*
- PHIL 355 - Feminism and Philosophy Credits: 3 *PHIL 355 also fulfills the Human Diversity Requirement.*
- POLS 373 - Women and Politics Credits: 3 *POLS 373 also fulfills the Human Diversity Requirement.*
- POLS 411 - Constitutional Law II Credits: 3
- PSYC 424 - Adolescent Development Credits: 3
- PSYC 474 - Psychological Basis of Sexuality Credits: 3 *PSYC 474 also fulfills the Human Diversity Requirement.*
- SCL 100 - Foundation of Social Change Leadership Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- SCL 200 - Application of Social Change Leadership Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- SOCI 354 - Families and Social Change Credits: 3 *Available for General Education credit in the Society and Culture Domain.*
- SOCI 357 - The Sociology of Gender Credits: 3 *SOCI 357 also fulfills the Human Diversity Requirement.*
- SOCI 450 - Social Inequality Credits: 3 *SOCI 450 is a writing infused course.*
- SOCI 487 - Gender and Crime Credits: 3 *SOCI 487 is a writing infused course.*
- WGSS 202 - Women and Cultural Expression Credits: 3 *Available for General Education credit in the Creativity and Critical Analysis Domain.*
- WGSS 240 - Issues in Women, Gender, and Sexuality Studies Credits: 3
- WGSS 300 - Research Methods in Women, Gender, and Sexuality Studies Credits: 4 *WGSS 300 is a writing infused course.*
- WGSS 332 - Growing Up Girl Credits: 3 *WGSS 332 also fulfills the Human Diversity Requirement.*
- WGSS 390 - Internship in Women, Gender, and Sexuality Studies Credits: 1-3
- WGSS 424 - Topics in Gender and STEM Credits: 3
- WGSS 430 - Special Topics in Women's and Gender Studies Credits: 3
- WGSS 432 - Feminist and Queer Theories Credits: 3
- WGSS 435 - Gender and the Environment Credits: 3 *WGSS 435 also fulfills the Human Diversity Requirement.*
    - OR ENVS 435X - Gender and the Environment Credits: 3
- WGSS 436 - Current Debates Seminar: Women, Gender, and Sexuality Studies Credits: 3
- WGSS 439 - Independent Study in Women, Gender, and Sexuality Studies Credits: 3

World Languages and Cultures (FL--)

The Department of World Languages and Cultures offers major programs leading to the B.A. degree in World Languages and Cultures with emphases in French and Francophone Studies, German Studies, or Spanish and Hispanic Studies. Majors may gain licensure to teach at the secondary level in French, German, and/or Spanish.

The department offers a minor in World Languages and Cultures with options in Chinese, French, German, Italian, Japanese, Russian, and Spanish. The department also participates in the interdisciplinary minors in classical studies, comparative literature, Latino/Latin American studies, linguistics, Southeast Asian studies, and women's, gender, and sexuality studies, and offers FLFR 371, Masterpieces of French Literature in Translation, FLIT 272, The Italian Renaissance, and FLRU 361, Russian Culture and Literature for general education in the Knowledge Domain "Creativity and Critical Analysis". FLRU 361 is a part of the "Origins and Influences" Pathway.

Department Regulations

Students with high school credit in French, German, or Spanish who wish to continue in that language must gain placement into the appropriate course in the desired sequence by taking the foreign language placement examination. On the basis of this examination, the student must begin the chosen language sequence in the course indicated by the placement examination, disregarding that course's prerequisites. For example, a student gaining placement into FLFR 201 does not have to complete FLFR 101 or FLFR 102. Students with high school credit in one of the other languages offered by the department for which no placement test is available should see a Department of World Languages and Cultures adviser. Transfer students with college-level credit in a foreign language who wish to continue in that language should register for the course that follows the highest level course for which transfer credit has been granted. Prerequisites must be followed in all other cases.

With the consent of the department, native speakers of Spanish may substitute FLSP 215 for any and all levels of FLSP 101 through FLSP 202, as well as for FLSP 211.

For information on foreign language placement, see "Credit by Examination" section in the undergraduate catalog.

Majors in the Department of World Languages and Cultures

Students majoring in one foreign language may complete a second major emphasis in another language.

Majors in the Department of World Languages and Cultures may complete minors in languages other than the language of their major emphasis.

Recommendation for Foreign Language Majors

Majors with an emphasis in French and Francophone Studies, German Studies, or Spanish and Hispanic Studies are urged to spend a minimum of one semester in study abroad.

Minors in World Languages and Cultures

World Language and Culture majors may complete minors in languages other than that of their emphasis.

World Languages and Cultures Faculty

John R. Bentley, Ph.D., University of Hawai'i, professor, chair
Shannon Becker, Ph.D., Purdue University, assistant professor
Dennis E. Brain, Ph.D., University of Texas, associate professor
Jessamine Cooke-Plagwitz, Ph.D., Queen's University, Kingston, Ontario, associate professor
Mandy Faretta-Stutenberg, Ph.D., University of Illinois at Chicago, assistant professor
Frances Jaeger, Ph.D., University of Illinois, associate professor
Joanna Kot, Ph.D., University of Chicago, professor
Karen Lichtman, Ph.D., University of Illinois at Urbana-Champaign, associate professor
Linda K. Saborío, Ph.D., University of North Carolina, Chapel Hill, associate professor
Matthew B. Smith, Ph.D., University of California, Berkeley, assistant professor
Francisco Solares-Larrave, Ph.D., University of Illinois, associate professor
Tharaphi Than, Ph.D., University of London, associate professor
Kanjana H. Thepboriruk, Ph.D., University of Hawai‘i, assistant professor
Stephen Vilaseca, Ph.D., University of Minnesota, Twin Cities, associate professor
Laura Vilardell, Ph.D., University of Vic, Spain, assistant professor

Majors

World Languages and Cultures (B.A.)

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Emphasis 1. French and Francophone Studies

Choose three of the following (9)

- FLFR 301 - Breaking it Down: The Structure of French Credits: 3 FLFR 301 is a writing infused course.
- FLFR 302 - Introduction to Translation Credits: 3 FLRU 302 is a writing infused course.
- FLFR 311 - Spoken French in a Cultural Context Credits: 3
- FLFR 321 - Cultural Practices in France Credits: 3 FLFR 321 is a writing infused course.
- FLFR 322 - Cultural Practices in the Francophone World Credits: 3

Elective course work from the following (24)

One elective may be a French History course.

- FLAL 320 - Introduction to Translation Theory Credits: 3 FLAL 320 is a writing infused course.
- FLAL 415 - Internship in World Languages and Cultures Credits: 3
- FLAL 483 - Applied Linguistics and the Romance Languages Credits: 3 FLAL 483 is a writing infused course.
- FLFR 300 - Special Topics in French Language, Literature, Linguistics or Culture Credits: 3
- FLFR 400 - Special Topics in French Language, Literature, Linguistics or Culture Credits: 3 FLFR 400 is a writing infused course.
- FLFR 411 - Communicating in Modern French Credits: 3 FLFR 411 is a writing infused course.
- FLFR 412 - French for Business Credits: 3 FLFR 412 is a writing infused course.
- FLFR 430 - French and Francophone Film Credits: 3
- FLFR 437 - Authors in Context Credits: 3 FLFR 437 is a writing infused course.
- FLFR 440 - Postcolonial Studies and Francophone Culture Credits: 3 FLFR 440 is a writing infused course.
- FLFR 445 - Feminism in France Credits: 3 FLFR 445 is a writing infused course.
- FLFR 446 - Studies in French Genres Credits: 3 FLFR 446 is a writing infused course.
- FLFR 463 - La France Contemporaine Credits: 3 FLFR 463 is a writing infused course.
- FLFR 464 - Paris: City of Lights Credits: 3 FLFR 464 is a writing infused course.
- FLFR 465 - Experiments in Autobiography Credits: 3
- FLFR 480 - French Publishing Atelier Credits: 3 FLFR 480 is a writing infused course.
- FLFR 481 - Advanced French Phonetics and Phonology Credits: 3 FLFR 481 is a writing infused course.
- FLFR 482 - History of the French Language Credits: 3 FLFR 482 is a writing infused course.
- FLFR 483 - Translation Theory and Practice Credits: 3 FLFR 483 is a writing infused course.
- FLFR 484 - Advanced Translation Credits: 3 FLFR 484 is a writing infused course.
- HIST 311 - Early Modern France, 1500-1789 Credits: 3 HIST 311 is a writing infused course.
- HIST 312 - France Since 1815 Credits: 3
- HIST 339 - French Overseas Empire Credits: 3
- HIST 423 - The French Revolution and Napoleon Credits: 3

Total Hours for Emphasis 1, French and Francophone Studies: 33

Emphasis 2. German Studies

Core requirements (6)

- FLGE 301 - Putting it All Together: Going Beyond the Basics Credits: 3
- FLGE 311 - Spoken German in a Cultural Context Credits: 3

Choose three of the following (9)

- FLGE 300 - Special Topics in German Language, Literature, Linguistics or Culture Credits: 3
- FLGE 302 - Reading, Writing, Translating Credits: 3 FLGE 302 is a writing infused course.
- FLGE 320 - German Texts and Media Credits: 3 FLGE 320 is a writing infused course.
- FLGE 321 - German Cultural and Literary Topics Through the Centuries Credits: 3 FLGE 321 is a writing infused course.
- FLGE 322 - Cultural and Literary Topics in German-Speaking Countries Credits: 3 FLGE 322 is a writing infused course.

Elective course work from the following (18)

- FLAL 320 - Introduction to Translation Theory Credits: 3 FLAL 320 is a writing infused course.
- FLAL 415 - Internship in World Languages and Cultures Credits: 3
- FLGE 400 - Special Topics in German Language, Literature, Linguistics or Culture Credits: 3
- FLGE 411 - Communicating in Modern German Credits: 3
- FLGE 412 - Practical Business German Credits: 3 FLGE 412 is a writing infused course.
- FLGE 414 - German Business Communication Credits: 3 FLGE 414 is a writing infused course.
- FLGE 432 - German Literary Genres Credits: 3
- FLGE 433 - German Cinema Credits: 3
- FLGE 434 - Popular Literature in German Speaking Countries Credits: 3
- FLGE 435 - Autobiographies Credits: 3
- FLGE 437 - Authors in Context Credits: 3
- FLGE 461 - German Cultural Studies: Reading Texts in Contexts Credits: 3 FLGE 461 is a writing infused course.
- FLGE 463 - Deutschland Heute Credits: 3 FLGE 463 is a writing infused course.

- FLGE 481 - Breaking it Down: The Structure of Modern German Credits: 3 FLGE 481 is a writing infused course.
- FLGE 482 - Approaches to Translation Credits: 3 FLGE 482 is a writing infused course.
- FLGE 484 - Translation Practice Credits: 3 FLGE 484 is a writing infused course.
- FLGE 485 - History of the German Language Credits: 3 FLGE 485 is a writing infused course.

Suggested electives outside the department

- ENGL 207 - Fundamentals of English Grammar Credits: 3
- HIST 425 - World War II Credits: 3
- HIST 429 - Nazi Germany Credits: 3

Total Hours for Emphasis 2, German Studies: 33

Emphasis 3. Spanish and Hispanic Studies

Core requirements (12)

- FLSP 301 - Spanish Grammar Credits: 3
    - OR FLSP 315 - Spanish for Heritage Speakers II Credits: 3
- FLSP 302 - Spanish Composition Credits: 3 FLSP 302 is a writing infused course.
- FLSP 311 - Spanish Conversation Credits: 3
- FLSP 320 - Textual and Media Analysis Credits: 3 FLSP 320 is a writing infused course.

Developing Requirements (9)

Choose three of the following.

- FLAL 320 - Introduction to Translation Theory Credits: 3 FLAL 320 is a writing infused course.
- FLAL 483 - Applied Linguistics and the Romance Languages Credits: 3 FLAL 483 is a writing infused course.
- FLSP 321 - Introduction to Spanish Literature Credits: 3 FLSP 321 is a writing infused course.
- FLSP 322 - Introduction to Spanish-American Literature Credits: 3 FLSP 322 is a writing infused course.
- FLSP 480 - Introduction to Hispanic Linguistics Credits: 3

Proficient requirements (15)

Choose five of the following

- FLSP 435 - Spanish Golden Age Prose Credits: 3 FLSP 435 is a writing infused course.
- FLSP 438 - Contemporary Spanish Literature Credits: 3 FLSP 438 is a writing infused course.
- FLSP 439 - Women Authors in Hispanic Literature Credits: 3 FLSP 439 is a writing infused course.
- FLSP 440 - Spanish American Poetry and Theater Credits: 3 FLSP 440 is a writing infused course.
- FLSP 441 - Spanish American Novel Credits: 3 FLSP 441 is a writing infused course.
- FLSP 452 - Literature of the Caribbean Credits: 3 FLSP 452 is a writing infused course.
- FLSP 454 - Mexican Literature, Culture, and Film Credits: 3 FLSP 454 is a writing infused course.
- FLSP 455 - Spanish-American Short Story Credits: 3 FLSP 455 is a writing infused course.
- FLSP 456 - Colonial Latin American Literature Credits: 3 FLSP 456 is a writing infused course.
- FLSP 457 - 19th Century Spanish American Literature Credits: 3 FLSP 457 is a writing infused course.
- FLSP 458 - Spanish American Modernismo and Vanguardias: 1880-1945 Credits: 3 FLSP 458 is a writing infused course.
- FLSP 459 - Spanish American Historical Novels Credits: 3 FLSP 459 is a writing infused course.
- FLSP 460 - Contemporary Spanish American Literature Credits: 3 FLSP 460 is a writing infused course.
- FLSP 461 - Seminar on the Cultures of Spain Credits: 3 FLSP 461 is a writing infused course.
- FLSP 462 - Seminar on the Cultures of Latin America Credits: 3 FLSP 462 is a writing infused course.
- FLSP 463 - Hispanic Culture through Film Credits: 3 FLSP 463 is a writing infused course.
- FLSP 481 - Spanish Phonology Credits: 3
- FLSP 482 - Foundations in Spanish Sociolinguistics Credits: 3 FLSP 482 is a writing infused course.
- FLSP 483 - Techniques of Translation Credits: 3 FLSP 483 is a writing infused course.
- FLSP 484 - Advanced Translation Credits: 3 FLSP 484 is a writing infused course.
- FLSP 485 - Spanish Syntax Credits: 3
- FLSP 486 - Contrastive Grammatical Structures in Spanish and English Credits: 3
- FLSP 487 - Hispanic Dialectology Credits: 3 FLSP 487 is a writing infused course.
- FLSP 489 - Techniques of Interpretation Credits: 3
- FLSP 491 - History of the Spanish Language Credits: 3

Total Hours for Emphasis 3, Spanish and Hispanic Studies: 36

Minor

Minor in World Languages and Cultures (18-24)

Majors may complete minors in other language options.

Check departmental information for additional requirements.

Option: Chinese Studies (24)

Nine or more semester hours must be taken at NIU.

Required (18)

- FLCH 101 - Beginning Chinese I Credits: 3
- FLCH 102 - Beginning Chinese II Credits: 3
- FLCH 201 - Intermediate Chinese I Credits: 3
- FLCH 202 - Intermediate Chinese II Credits: 3
- FLCH 311 - Advanced Chinese Conversation Credits: 3
- FLCH 361 - Introduction to Chinese Culture Credits: 3

Electives (6)

Two of the following:

- ECON 341 - Economic Area Studies Credits: 3 A. Asia
- FLCH 320 - Advanced Chinese Reading Credits: 3
- FLCH 381 - Introduction to Chinese Language and Business Practices Credits: 3
- HIST 344 - History of Ancient China Credits: 3
- HIST 345 - History of China Since the T'ang Dynasty Credits: 3
- HIST 346 - Women in Asian History Credits: 3 HIST 346 also fulfills the Human Diversity Requirement.
- HIST 445 - The Chinese Revolution Credits: 3 HIST 445 is a writing infused course.
- HIST 491 - Special Topics in History Credits: 3 J. Asian
- MUHL 432 - Music of China Credits: 3
- POLS 372 - Politics of China, Japan, and Korea Credits: 3

Option: Deaf Studies (21)

The department strongly suggests a study abroad experience.

Nine or more semester hours in the minor must be taken at NIU.

Required (12)

- FLSL 101 - Beginning American Sign Language I Credits: 3
- FLSL 102 - Beginning American Sign Language II Credits: 3
- FLSL 201 - Intermediate American Sign Language I Credits: 3
- FLSL 202 - Intermediate American Sign Language II Credits: 3

Electives (choose three of the following) (9)

- FLSL 105 - Fingerspelling, Numbers, and Classifiers in American Sign Language Credits: 3
- FLSL 311 - Advanced Sign Language Conversation Credits: 3
- FLSL 321 - ASL Literature and Arts Credits: 3
- FLSL 325 - Introduction to the Linguistics of American Sign Language Credits: 3
- FLSL 361 - Deaf Culture Credits: 3
- FLSL 400 - Special Topics in American Sign Language Credits: 3

Option: French and Francophone Studies (24)

Check departmental information for additional requirements.

Nine or more semester hours must be taken at NIU.

Requirements (12)

- FLFR 101 - Beginning French I Credits: 3
- FLFR 102 - Beginning French II Credits: 3
- FLFR 201 - Intermediate French I Credits: 3
- FLFR 202 - Intermediate French II Credits: 3

Course work from the following (9)

- FLFR 301 - Breaking it Down: The Structure of French Credits: 3
- FLFR 302 - Introduction to Translation Credits: 3
- FLFR 311 - Spoken French in a Cultural Context Credits: 3
- FLFR 312 - Parlons Francais: Applied French Phonetics Credits: 3
- FLFR 321 - Cultural Practices in France Credits: 3
- FLFR 322 - Cultural Practices in the Francophone World Credits: 3

Choose one elective from the following (3)

- FLFR 300 - Special Topics in French Language, Literature, Linguistics or Culture Credits: 3
- FLFR 400 - Special Topics in French Language, Literature, Linguistics or Culture Credits: 3
- FLFR 411 - Communicating in Modern French Credits: 3
- FLFR 412 - French for Business Credits: 3
- FLFR 430 - French and Francophone Film Credits: 3
- FLFR 437 - Authors in Context Credits: 3
- FLFR 440 - Postcolonial Studies and Francophone Culture Credits: 3
- FLFR 445 - Feminism in France Credits: 3
- FLFR 446 - Studies in French Genres Credits: 3
- FLFR 463 - La France Contemporaine Credits: 3
- FLFR 464 - Paris: City of Lights Credits: 3
- FLFR 465 - Experiments in Autobiography Credits: 3
- FLFR 480 - French Publishing Atelier Credits: 3
- FLFR 481 - Advanced French Phonetics and Phonology Credits: 3
- FLFR 482 - History of the French Language Credits: 3
- FLFR 483 - Translation Theory and Practice Credits: 3

- FLFR 484 - Advanced Translation Credits: 3
- HIST 311 - Early Modern France, 1500-1789 Credits: 3
- HIST 312 - France Since 1815 Credits: 3
- HIST 339 - French Overseas Empire Credits: 3
- HIST 423 - The French Revolution and Napoleon Credits: 3

Option: German Studies (24)

Check departmental information for additional requirements.

Nine or more semester hours must be taken at NIU.

Requirements (12)

- FLGE 101 - Beginning German I: Personal World Credits: 3
- FLGE 102 - Beginning German II: The German-Speaking World Credits: 3
- FLGE 201 - Intermediate German I: Topics in Culture Credits: 3
- FLGE 202 - Intermediate German II: The Postwar Era Credits: 3

Course work from the following (9)

- FLGE 301 - Putting it All Together: Going Beyond the Basics Credits: 3
- FLGE 302 - Reading, Writing, Translating Credits: 3
- FLGE 311 - Spoken German in a Cultural Context Credits: 3
- FLGE 320 - German Texts and Media Credits: 3
- FLGE 321 - German Cultural and Literary Topics Through the Centuries Credits: 3
- FLGE 322 - Cultural and Literary Topics in German-Speaking Countries Credits: 3

Choose one elective from the following (3)

- FLGE 300 - Special Topics in German Language, Literature, Linguistics or Culture Credits: 3
- FLGE 400 - Special Topics in German Language, Literature, Linguistics or Culture Credits: 3
- FLGE 411 - Communicating in Modern German Credits: 3
- FLGE 412 - Practical Business German Credits: 3 FLGE 412 is a writing infused course.
- FLGE 414 - German Business Communication Credits: 3 FLGE 414 is a writing infused course.
- FLGE 432 - German Literary Genres Credits: 3
- FLGE 433 - German Cinema Credits: 3
- FLGE 434 - Popular Literature in German Speaking Countries Credits: 3
- FLGE 435 - Autobiographies Credits: 3
- FLGE 437 - Authors in Context Credits: 3
- FLGE 461 - German Cultural Studies: Reading Texts in Contexts Credits: 3 FLGE 461 is a writing infused course.
- FLGE 463 - Deutschland Heute Credits: 3 FLGE 463 is a writing infused course.
- FLGE 481 - Breaking it Down: The Structure of Modern German Credits: 3 FLGE 481 is a writing infused course.
- FLGE 482 - Approaches to Translation Credits: 3 FLGE 482 is a writing infused course.
- FLGE 484 - Translation Practice Credits: 3 FLGE 484 is a writing infused course.
- FLGE 485 - History of the German Language Credits: 3 FLGE 485 is a writing infused course.
- HIST 429 - Nazi Germany Credits: 3

Option: Japanese Studies (24)

Check departmental information for additional requirements.

Nine or more semester hours must be taken at NIU.

Requirements (18)

- FLJA 101 - Beginning Japanese I Credits: 3
- FLJA 102 - Beginning Japanese II Credits: 3
- FLJA 201 - Intermediate Japanese I Credits: 3
- FLJA 202 - Intermediate Japanese II Credits: 3
- FLJA 311 - Spoken Japanese in a Cultural Context Credits: 3
- FLJA 361 - Introduction to Japanese Culture Credits: 3 FLJA 361 is a writing infused course.

Electives (6)

Two of the following:

- ARTH 370 - Studies in Asian Art Credits: 3 Topic B: Japanese Art will count as an elective under the Japanese Studies Option.
- ECON 341 - Economic Area Studies Credits: 3 A. Asia
- FLJA 301 - Advanced Japanese Grammar and Composition I Credits: 3
- FLJA 302 - Advanced Japanese Grammar and Composition II Credits: 3
- FLJA 321 - Introduction to Japanese Literature Credits: 3 FLJA 321 is a writing infused course.
- FLJA 381 - Introduction to Japanese Language and Business Practices Credits: 3
- FLJA 400 - Special Topics in Japanese Language, Literature, Linguistics or Culture Credits: 3
- FLJA 411 - Modern Japanese Credits: 3
- HIST 346 - Women in Asian History Credits: 3 HIST 346 also fulfills the Human Diversity Requirement.
- HIST 350 - Japan to 1600 Credits: 3 HIST 350 also fulfills the Human Diversity Requirement.
- HIST 351 - Japan Since 1600 Credits: 3 HIST 351 also fulfills the Human Diversity Requirement.
- HIST 352 - Popular Culture in Japan Credits: 3 HIST 352 also fulfills the Human Diversity Requirement. Available for general education credit. This is a

creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- HIST 444 - Japanese Empire Credits: 3 HIST 444 is a writing infused course. HIST 444 also fulfills the Human Diversity Requirement.
- HIST 491 - Special Topics in History Credits: 3 J. Asian
- POLS 372 - Politics of China, Japan, and Korea Credits: 3

Option: Russian Studies (24)

Check departmental information for additional requirements.

Six or more semester hours must be taken at NIU.

Requirements (12)

- FLRU 101 - Beginning Russian I Credits: 3
- FLRU 102 - Beginning Russian II Credits: 3
- FLRU 201 - Intermediate Russian I Credits: 3
- FLRU 202 - Intermediate Russian II Credits: 3

Four electives to be chosen from the following; three must be from FLRU (12)

- FLRU 300 - Special Topics in Russian Language, Literature, Linguistics or Culture Credits: 3
- FLRU 301 - Breaking it Down: Writing in Russian Credits: 3
- FLRU 311 - Spoken and Writing Russian in a Cultural Context Credits: 3
- FLRU 321 - Masterpieces of Russian Literature Credits: 3
- FLRU 361 - Russian Culture and Literature Credits: 3 Available for general education credit. This is a creativity and critical analysis general education course for Origins and Influences Pathway.
- FLRU 400 - Special Topics in Russian Language, Literature, Linguistics or Culture Credits: 3
- FLRU 412 - Business Russian Credits: 3
- FLRU 431 - Russian Literary Giants: The Golden Age Credits: 3
- FLRU 432 - Russian Literature and Culture Credits: 3 FLRU 432 is a writing infused course.
- FLRU 433 - Breaking Taboos and Experimenting: Russian Modernism Credits: 3
- FLRU 434 - 20th and 21st Century Russian Literature Credits: 3 FLRU 434 is a writing infused course.
- FLRU 461 - Contemporary Russian Culture Through Media Credits: 3
- FLRU 480 - Modern Russian Credits: 3
- HIST 336 - Russia to 1861 Credits: 3 HIST 336 also fulfills the Human Diversity Requirement.
- HIST 337 - Russia Since 1861 Credits: 3 HIST 337 also fulfills the Human Diversity Requirement.
- HIST 434 - The Russian Revolution Credits: 3 HIST 434 is a writing infused course. HIST 434 also fulfills the Human Diversity Requirement.
- HIST 435 - Stalinism Credits: 3 HIST 435 is a writing infused course. HIST 435 also fulfills the Human Diversity Requirement.
- POLS 366 - Politics of Russia and Eurasia Credits: 3

Option: Spanish and Hispanic Studies (18)

Check departmental information for additional requirements.

Nine or more semester hours must be taken at NIU.

Requirements (6)

- FLSP 301 - Spanish Grammar Credits: 3
    - OR FLSP 315 - Spanish for Heritage Speakers II Credits: 3
- FLSP 320 - Textual and Media Analysis Credits: 3 FLSP 320 is a writing infused course.

Four additional Spanish courses (12)

Complete four additional Spanish courses at the 300 and 400 level. At least one course needs to be at the 400 level (12).

Educator Licensure

Educator Licensure - World Languages and Cultures

Students majoring in World Languages and Cultures with an emphasis in French and Francophone Studies, German Studies, or Spanish and Hispanic Studies who seek licensure to teach a language in grades PK-12 should consult with the World Languages and Cultures Educator Licensure office at the earliest possible opportunity. Educator Licensure involves significant requirements in addition to the completion of a language degree and university general education requirements.

Procedures

Declare a major in World Languages and Cultures with an emphasis in French and Francophone Studies, German Studies, or Spanish and Hispanic Studies. Consult each semester with the major adviser.

Consult with the World Languages and Cultures Educator Licensure office at the time the major is declared and at the beginning of each semester thereafter.

Apply for the first clinical course, ILAS 201, in March or October prior to the semester in which you wish to take it.

A study abroad experience is highly recommended for all students in the World Languages and Cultures educator licensure program.

Students are admitted to the Educator Licensure program when they have:

- completed the written application for admission to the program, and a satisfactory interview,
- attained a cumulative GPA of 2.75 at the time of application, and a GPA of 3.00 in the language in which the applicant hopes to be licensed, with grades of C or above in all required courses,
- successfully completed ILAS 201 or equivalent, and
- earned a grade of at least B in an advanced grammar course in the major language.

Retention

Students admitted to the program must maintain the GPA requirements of 2.75 overall and 3.00 in the world languages and cultures major, and display appropriate professional dispositions at all times.

Requirements in Department

Educator licensure students are required to take all the regular courses for an emphasis in French and Francophone Studies, German Studies, or Spanish and Hispanic Studies, in addition to choosing specific culture and linguistics courses as upper-level electives. Educator licensure students consult regularly with both the major adviser and the World Languages and Cultures Educator Licensure office when choosing courses.

For all majors

- FLMT 401 - Clinical School Experience in Foreign Languages Credits: 1
- FLMT 490 - Foreign Language Teaching Methods for the Elementary and Middle Schools Credits: 3
- FLMT 491 - Foreign Language Teaching Methods for the Middle and High Schools Credits: 3
- FLPT 485 - Student Teaching in Foreign Languages Credits: 6-12 (student teaching)

Requirements outside Department

Prerequisites

The following prerequisites should be taken as part of the B.A.:

- a college-level English grammar course (at least 3 credits or proof of having tested out)
- AND PSYC 102 - Introduction to Psychology Credits: 3 Available for general education credit.

Other requirements outside of department

A study abroad experience. Please see the adviser for information on which of the required courses for the major can be taken abroad. Students who elect not to study abroad must take one approved course outside the department focusing on the target cultures, including, but not limited to an ANTH, ARTH, GEOG, HIST, POLS, or SOCI course.

Education course work in foundations of education, human development and learning, classroom management, teaching exceptional students, and teaching English Language Learners, as well as any required prerequisites for these courses. Consult with the World Languages and Cultures Educator Licensure office about which courses are approved for satisfying this requirement.

Clinical courses

- ILAS 201 - Introductory Clinical Experience Credits: 1 or equivalent
- ILAS 301 - Second Clinical Experience Credits: 1

Additional tests required for licensure, such as the state Content Area Test, ACTFL Oral Proficiency Interview, and Teacher Performance Assessment (edTPA).

Residence Program

Foreign Language Residence Program

The College of Liberal Arts and Sciences and the Department of World Languages and Cultures participate in the conduct of a foreign language residence program, which provides NIU students interested in Chinese, French, German, Japanese, or Spanish with the opportunity to live together for an academic year in contact with native speakers and to engage in various educational, cultural, and social activities related to the foreign country in which they are interested. The Foreign Language Residence Program is part of the Housing and Residential Services Special Interest Communities. For further information, contact the program's coordinator.

The Degree with Honors

World Languages and Cultures Degree with Honors

Students who wish to earn a baccalaureate degree with honors in world languages and cultures must consult with a departmental advisor. To be eligible, students must have a minimum GPA of 3.50 in the major and a minimum university GPA of 3.00.

The degree with honors in world languages and cultures requires the completion of a minimum of 3 hours of FLIS 499, Honors Independent Study (3), which must be taken in the senior year and the maintenance of an overall minimum GPA of 3.00 and a GPA of 3.50 or above in the major.

The University Honors Program is separate but complementary to the departmental degree with honors. Eligible students may participate in one or both programs simultaneously since there is some overlap in the requirements. Students interested in the University Honors Program are encouraged to contact the University Honors office for more detailed information.

Accelerated Integrated Degree

Accelerated B.A./J.D. Program in World Languages and Cultures and the College of Law

Admission

The six-year accelerated program leads to both the B.A. in World Languages and Cultures with emphasis either in French and Francophone Studies, German Studies, or Spanish and Hispanic Studies and J.D. degrees. Students who want to complete this program must identify themselves to the World Languages and Cultures Department as majors who will complete the 3+3 Program. Undergraduates who major in World Languages and Cultures with emphasis either in French and Francophone Studies, German Studies, or Spanish and Hispanic Studies and have completed at least 90 semester hours of undergraduate course work (including all general education and major requirements) with a minimum GPA of 3.25 are eligible to apply for admission to NIU's College of Law under the special provisions of this program. As part of the application to the College of Law, applicants must take the LSAT and must receive a score at or above the 50th percentile of the previous year's matriculating law class. Students are encouraged to apply to the program as early as possible during their junior year. Admission will be on a competitive basis, and the likelihood of admission will depend on the number and quality of the applicants to the program, the number and quality of applicants to the College of Law in general, as well as other factors normally considered in admissions decisions by the College of Law.

Curriculum

Students must complete all the requirements of the B.A. in World Languages and Cultures with emphasis either in French and Francophone Studies, German Studies, or Spanish and Hispanic Studies, as well as all general education requirements by the end of their junior year. Students accepted into the College of Law pursuant to the special provisions of this program will matriculate in the College of Law in the fall of their senior year. Up to 30 hours of law courses will count toward the final 30 credits of the undergraduate degree. The final two years of the program will follow the standard College of Law timetable.

College of Visual and Performing Arts

Paul Kassel, M.F.A., dean
Ed Klonoski, Ph.D., associate dean

The schools of the College of Visual and Performing Arts offer baccalaureate programs leading to the degrees Bachelor of Arts (B.A.), Bachelor of Science (B.S.), Bachelor of Fine Arts (B.F.A.), Bachelor of Music (B.M.), and Bachelor of Science in Education (B.S.Ed.). The College of Visual and Performing Arts offers a contract major leading to the degree Bachelor of Arts (B.A.).

First- and second-year majors in the College of Visual and Performing Arts are required to see their School advisor once a semester for advising.

School Names and Undergraduate Programs Offered

School of Art and Design
B.A. or B.S. in art
B.A. in art history and visual studies
B.F.A. in art studio and design
B.S.Ed. in art and design education

School of Music
B.A. in music
B.M. in music

School of Theatre and Dance
B.A. in theatre studies
B.F.A. in theatre arts
B.F.A. in dance performance

Deans' List Criteria

The College of Visual and Performing Arts recognizes undergraduates whose academic performance has been outstanding through the Dean's List. The Dean's List recognizes those students who achieve a GPA of 3.75 or higher (on a 4.00 scale) while completing a minimum of 12 graded semester hours within a fall or spring semester.

Contract Major

Visual and Performing Arts B.A. Contract Major

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/Outcomes/general.pdf.

Requirements

The College of Visual and Performing Arts also offers students the opportunity to construct individualized programs of study culminating in the degree Bachelor of Arts. The B.A. degree requires demonstrated competence in a foreign language. (Attention is directed to the section of the catalog entitled "Other Graduation Requirements" and the heading "Foreign Language Requirement for the B.A. degree.")

The contract major program allows a student with unusual and well defined academic interests to design a major with the advice of a faculty sponsor. The program must be logically structured around a meaningful and interesting theme or topic. Program proposals should be submitted to the associate dean of the College of Visual and Performing Arts and must be approved by the College Contract Major Committee.

The student who wishes to propose a contract major must

- have a cumulative GPA of at least 2.50.
- justify the new curriculum and define the goal to be achieved.
- design a multidisciplinary program that may be accommodated within existing university resources and facilities. (The program may include internships, independent study, or special projects up to a maximum of 12 semester hours.)
- include in the program at least 50 semester hours of course work comprising courses basic to the area of study. No more than 36 semester hours should be taken in any one disciplinary area.
- earn at least 30 semester hours of the contract major program in upper-division courses.

A student who completes an approved contract major and all other graduation requirements will receive the degree Bachelor of Arts with a contract major in _____ (the theme specified in the contract).

Examples of contract themes that have been proposed include musical theatre, audio engineering technology, scientific illustration, and arts management.

Courses

IVPA 201 - Creating Art for Others

IVPA 300 - Interdisciplinary Seminar in Visual and Performing Arts

IVPA 400 - Art Link

Art and Design (ART, ART-)

Admission to the areas of study in art studio and visual communication under the B.F.A. in art studio and design is limited. See "Limited Admissions and Limited Retention Requirements" in the Admission section of this catalog.

Requirements for All Majors

Admission into the major in Art and Design Education (B.S.Ed.) or in Art Studio and Design specializations (B.F.A.) includes a portfolio review as indicated. No portfolio review is required for the major in Art (B.A. or B.S.) or Art History and Visual Studies (B.A.). Check departmental information for any additional requirements.

Recommendation

It is recommended that students confer regularly with their advisers in order to balance studio and general education requirements. In general, students will find it difficult to carry more than three art studio classes in one semester.

Transfer applicants for all emphases of the B.F.A. degree in art studio and design (Design and Media Arts, Art Studio), must pass a portfolio review. Contact the School of Art and Design as early as possible for information.

Additional Requirements and Course Information

The School of Art and Design reserves the right to retain for its collection any work produced in scheduled classes. Studio-lecture courses meet two hours per semester hour each week. Students in studio courses are required to schedule one hour per week in the studio (in addition to class time) for each semester hour.

Enrollment in one course for more than 6 hours per semester requires consent of the School of Art and Design.

Art and Design Faculty

Douglas G. Boughton, Ph.D., University of Alberta (Canada), professor, director
Michael Barnes, M.F.A., University of Iowa, Presidential Research Professor
Sinclair Bell, Ph.D., University of Edinburgh, Presidential Teaching Professor
Todd Buck, M.A.M.S., University of Illinois, Chicago, professor
Sarah Evans, Ph.D., University of California, Berkeley, associate professor
Kerry Freedman, Ph.D., University of Wisconsin, professor
Billie Giese, M.F.A., University of Kansas, associate professor
Aleksandra Giza, Ph.D., Silesian University (Katowice, Poland), professor
Kelly Gross, Ph.D., Northern Illinois University, assistant professor
Cynthia Hellyer-Heinz, M.F.A., Northern Illinois University, associate professor
Rebecca Houze, Ph.D., University of Chicago, professor
Joseph Insley, M.F.A., M.S., University of Illinois, Chicago, research associate professor
Yih-Wen Kuo, M.F.A., Southern Illinois University, professor
Jessica Labatte, M.F.A., School of the Art Institute of Chicago, associate professor
Kimberly Martens, M.A.M.S., University of Illinois, Chicago, professor
Helen Nagata, Ph.D., Stanford University, associate professor
James Obermeier, M.F.A., Indiana University, associate professor
Mary Quinlan, Ph.D., University of Chicago, professor
Catherine Raymond, Ph.D., Sorbonne Paris (France), Presidential Engagement Professor
Michael Rea, M.F.A., University of Wisconsin, Madison, associate professor
Nina Rizzo, M.F.A., University of Texas, Austin, associate professor
John Siblik, M.F.A., Southern Illinois University, associate professor
Kryssi Staikidis, Ed.D., Columbia University, New York, professor
Perrin Stamatis, M.F.A., University of Illinois, Chicago, assistant professor
Frank Trankina, M.F.A., School of the Art Institute of Chicago, professor
Ann van Dijk, Ph.D., Johns Hopkins University, associate professor
Amanda VanValkenburg, M.F.A. School of the Art Institute of Chicago, assistant professor
Shei-Chau Wang, Ed.D., Northern Illinois University, associate professor

Majors

Art (B.A. or B.S.)

The Bachelor of Arts (B.A.) in Art is a comprehensive degree that focuses on the study of art, design, and art history in the context of a broader program of general study.

The Bachelor of Science (B.S.) in Art is a comprehensive degree that focuses on the study of art, design, and art history in the context of a broader program of general study including the sciences, mathematics, and/or a technology field.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Course Selection

Students with a major in art (B.A. or B.S.) should use the offerings of the school and the college, as well as the offerings of the other colleges in the university, in designing suitable programs of study that will reinforce their intellectual and professional goals. The School of Art and Design's advising staff are available to students in need of advice and assistance.

Requirements in School (48)

- ART 100 - Drawing Foundation I Credits: 3
- ART 101 - Drawing Foundation II Credits: 3
- ART 102 - 2-D Foundation Credits: 3
- ART 103 - 3-D Foundation Credits: 3

- ARTS 200 - Beginning Life Drawing Credits: 3
- ARTH 282 - Introduction to World Art Credits: 3
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- ARTH 292 - Introduction to Modern Arts and Design Credits: 3
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- ART 499 - Capstone Seminar Credits: 3
- Other art courses (24)

Requirements outside School (0-12)

For the B.A. degree

Fulfillment of B.A. foreign language requirement (0-12). (See "Foreign Language Requirement for the B.A. Degree" in the Other Graduation Requirements section of this catalog.)

For the B.S. degree

Two adviser-approved courses in Science, Mathematics, and/or Technology taken in addition to General Education requirements (6-8)

Total Hours for a Major in Art (B.A. or B.S.): 48-60

Art and Design Education (B.S.Ed.)

Check departmental information for any additional requirements.

Students with an undergraduate degree must be admitted to the M.S. program in art with a specialization in art education to enter the licensure program.

This major leads to a license to teach in the public schools of the state of Illinois.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Requirements in School (84)

- ART 100 - Drawing Foundation I Credits: 3
- ART 102 - 2-D Foundation Credits: 3
- ART 103 - 3-D Foundation Credits: 3
- ARTD 201 - Introduction to Visual Communication Credits: 3
- ARTS 200 - Beginning Life Drawing Credits: 3
- ARTS 300 - Intermediate Drawing Credits: 3
- ARTH 282 - Introduction to World Art Credits: 3
  Available for general education credit. This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- ARTH 292 - Introduction to Modern Arts and Design Credits: 3 Available for general education credit.
  This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- ARTE 200 - Studio Foundations for Art and Design Educators Credits: 3
- ARTE 342 - Introduction to Art and Design Education: Content and Clinical Experience at the Elementary Level Credits: 4
  ARTE 342 is a writing infused course.
- ARTE 343 - Art and Technology in the PK-12 Classroom Credits: 3
- ARTE 344 - Development of Resources and Methods in Art and Design Education: Content and Clinical Experience at the Middle Level Credits: 4
  ARTE 344 is a writing infused course.
- ARTE 345 - Art and Design Curriculum: Content and Clinical Experience at the High School Level Credits: 4
  ARTE 345 is a writing infused course.
- ARTE 387 - Assessing Art and Design Learning, PK-12 Credits: 3
- ARTE 463 - Reading and Writing in Art and Design Education: Critical Approaches Credits: 3
  ARTE 463 is a writing infused course.
- ARTE 479 - Disability, Diversity, and Differentiation in Art and Design Education Credits: 3
  ARTE 479 is a writing infused course.
- OR SESE 457 - Methods for Including Middle and Secondary Students with Exceptionalities in the General Education Classroom Credits: 3
- ARTE 482 - Clinical Experiences in Studio Pedagogy Credits: 3
- ARTE 488A - Student Teaching in Elementary Art Credits: 6
- ARTE 488B - Student Teaching in Secondary Art Credits: 6
- 300- or 400-level art history courses (3)

15 semester hours in the following four categories with no repetition of courses:

1. One of the following pairs of courses (6)

- ARTS 310 - Issues in Contemporary Drawing Credits: 3
- AND ARTS 400 - Advanced Drawing I Credits: 3
- ARTS 321 - Waterbased Painting Credits: 3
- AND ARTS 324 - Painting II: The Figure Credits: 3
- ARTS 323 - Painting I Credits: 3
- AND ARTS 324 - Painting II Credits: 3
- ARTS 327 - Beginning Illustration Credits: 3
- AND ARTS 437 - Intermediate Illustration Credits: 3

- ARTS 330 - Introduction to Printmaking Credits: 3
- AND ARTS 331 - Intermediate Printmaking Credits: 3
- ARTS 330 - Introduction to Printmaking Credits: 3
- AND ARTS 332 - Interdisciplinary and Alternative Methods in Print Media Credits: 3
- ARTS 330 - Introduction to Printmaking Credits: 3
- AND ARTS 333 - Screen-Printing Credits: 3
- ARTS 341 - Beginning Ceramics Credits: 3
- AND ARTS 346 - Intermediate Ceramics Credits: 3 or 6
  Students take 3 semester hours in this course.
- ARTS 351 - Beginning Metalwork, Jewelry Design, and Digital Fabrication Credits: 3
- AND ARTS 352 - Intermediate Metalwork, Jewelry Design, and Digital Fabrication Credits: 3
- ARTS 361 - Beginning Sculpture I Credits: 3
- AND ARTS 362 - Intermediate Sculpture Credits: 3
- ARTD 313 - Beginning Photography Credits: 3
- AND ARTD 413 - Intermediate Traditional Photography Credits: 3

2. One of the following (3)

- ARTS 341 - Beginning Ceramics Credits: 3
- ARTS 351 - Beginning Metalwork, Jewelry Design, and Digital Fabrication Credits: 3
- ARTS 361 - Beginning Sculpture I Credits: 3

3. One of the following (3)

- ARTS 310 - Issues in Contemporary Drawing Credits: 3
- ARTS 321 - Waterbased Painting Credits: 3
- ARTS 323 - Painting I Credits: 3
- ARTS 327 - Beginning Illustration Credits: 3
- ARTS 330 - Introduction to Printmaking Credits: 3
- ARTD 313 - Beginning Photography Credits: 3

4. One of the following (3)

- ARTD 303 - Video Art Credits: 3
- ARTD 370 - 2-D Animation Credits: 3

Requirements outside School (12)

Depending on the courses selected, the multicultural requirement may also be applied toward general education requirements.

- EPFE 201 - Education as an Agent for Change Credits: 3
  Available for general education credit.
  EPFE 201 fulfills the Human Diversity Requirement.
- EPFE 400 - Foundations of Education Credits: 3
  EPFE 400 is a writing infused course.
  This is a creativity and critical analysis general education course for the Learning Pathway.
- OR EPFE 410 - Philosophy of Education Credits: 3
  EPFE 410 is a writing infused course.
- EPS 405 - Issues in Human Development in the Elementary Through High School Years Credits: 3
- LTIC 420 - Methods and Materials for Teaching Multilingual Learners in the Content Areas Credits: 3

Special Requirements

Students must receive a grade of C or better in all major course requirements. Students must have a minimum 2.75 GPA in all NIU and transfer courses to enroll in Art Education courses. They must have a minimum 2.50 GPA in all NIU courses to obtain entitlement for educator licensure in the state of Illinois.

Students who fall below a required GPA may appeal in writing for one probationary semester to the head of the art education division.

Students must present an art education entrance portfolio consisting of studio work and appropriate art education materials to the art education faculty at the end of the semester in which they are enrolled in ARTE 200 and pass the portfolio review for admission into the licensure program. Students must submit an exit portfolio during the semester before student teaching and pass the exit review in order to be approved for student teaching.

The criminal background check is required for licensure (prior to ARTE 342) for each clinical experience course, as well as, student teaching site as laid out per each site's rules and regulations. Students must pass the entrance portfolio review, and have achieved a grade of at least C or better in ARTE 342. Also see "Educator Licensure Requirements."

Students are required to exhibit and maintain appropriate dispositions for licensure as assessed by the art education faculty.

Candidates who successfully complete the program and pass the state mandated Teacher Performance Assessment will have completed all required ISBE and CAEP standards for receiving university recommendation for licensure. Successful completion of the program without receipt of a passing score on the state mandated Teacher Performance Assessment may result in the candidate receiving a degree without university recommendation for licensure.

Total Hours for a Major in Art and Design Education: 96

Art History and Visual Studies (B.A.)

Art History and Visual Studies is an interdisciplinary practice focused on visual and material culture and emphasizing critical reading, research, and writing skills in order to promote the understanding of regions both familiar and other than our own. The major is for students interested in visual art as an aspect of history and culture. The curriculum

provides preparation for graduate study or for work in museums, galleries, auction houses, and archives.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Requirements in School (36)

- ARTH 282 - Introduction to World Art Credits: 3
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- ARTH 292 - Introduction to Modern Arts and Design Credits: 3
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- ARTH 294 - Introduction to Arts of Asia Credits: 3
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Global Connections Pathway.
- ARTH 486 - Art Historical Methodology Credits: 3
  ARTH 486 is a writing infused course.
- ARTH 494 - Art History Undergraduate Seminar Credits: 3
  ARTH 494 is a writing infused course.

Electives

- At least one 300-level course from each of the following areas (12)
  - Ancient, Middle Eastern, Medieval, and Early Modern Europe
  - American, Modern, Contemporary, and Design
  - Asian, African, Oceanian, Native American, Pre-Columbian, and Latin American
- One 400-level art history course (3)
- Electives in art history (6)

Other requirements (12-24)

Fulfillment of B.A. foreign language requirement (0-12). (See "Foreign Language Requirement for the B.A. Degree" in the Other Graduation Requirements section of this catalog.)

Courses in related fields, including anthropology, art, history, literature, or philosophy, selected in consultation with a major adviser (12)

Total Hours for a Major in Art History and Visual Studies: 48-60

Recommendation

Students who plan to enter graduate school should select French, German, Italian, or other appropriate foreign language, in consultation with an art history faculty adviser, to satisfy the B.A. foreign language requirement.

Art Studio and Design (B.F.A.)

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

A portfolio review is required for admission into the major in art studio and design (B.F.A) after completion of designated courses in the chosen field of study.

Check departmental information for any additional requirements.

Emphasis 1. Design and Media Arts

Requirements in School (78)

- ART 100 - Drawing Foundation I Credits: 3
- ART 102 - 2-D Foundation Credits: 3
- ART 103 - 3-D Foundation Credits: 3
- ARTH 282 - Introduction to World Art Credits: 3
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- ARTH 292 - Introduction to Modern Arts and Design Credits: 3
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- 300/400-level art history electives (6)

One of the following areas of study (57)

Time Arts (57)

- ARTD 273 - Introduction to Time Arts I Credits: 3
- ARTD 303 - Video Art Credits: 3
- ARTD 313 - Beginning Photography Credits: 3
- ARTD 350 - Sound Credits: 3
- ARTD 370 - 2-D Animation Credits: 3
- ARTD 373 - 3-D Animation Credits: 3
- ARTD 409 - Advanced Topics: Interactive Art Credits: 3
- ARTD 466 - Intermedia Arts Credits: 3
- ARTD 467 - Advanced Topics: Video Art Credits: 3
- ARTD 473 - Advanced Topics: 3D Animation Credits: 3
- ARTD 406 - Senior Project Credits: 3
- ARTD 475 - Time Arts: Special Topics Credits: 3
- ARTS/ARTD 300/400-level electives (21)

Special requirements

After completion of ARTD 273, students must successfully complete a portfolio review in order to be retained in the time arts area of study.

Photography (57)

- ARTD 202 - Introduction to Typography Credits: 3
- ARTD 303 - Video Art Credits: 3
- ARTD 313 - Beginning Photography Credits: 3
- ARTD 318 - Interaction Design I Credits: 3
- ARTD 413 - Intermediate Traditional Photography Credits: 3
- ARTD 419 - Intermediate Digital Photography Credits: 3
- ARTD 460 - Experimental and Alternative Photography Credits: 3
- ARTD 464 - Advanced Photography: Post-production Credits: 3
- ARTD 465 - Sequencing and Photobooks Credits: 3
- ARTD 469 - Advanced Photographic Projects and Research Credits: 3 Students must take 6 semester hours in this course.
- ARTD 470 - Photographic Lighting Credits: 3
- ARTD 406 - Senior Project Credits: 3
- ARTS/ARTD 300/400-level electives (18)

Special requirements

Students must present an entrance portfolio to the photography faculty before completion of their second course in photography after completing ARTD 313 and one of the following ARTD 419 or ARTD 413 and pass the portfolio review for admission into the photography area of study.

Visual Communication (57)

- ARTD 201 - Introduction to Visual Communication Credits: 3
- ARTD 202 - Introduction to Typography Credits: 3
- ARTD 211 - Intermediate Typography Credits: 3
- ARTD 212 - Image in Visual Communication Credits: 3
- ARTD 311 - Intermediate Visual Communication I Credits: 3
- ARTD 312 - Intermediate Visual Communication II Credits: 3
- ARTD 313 - Beginning Photography Credits: 3
- ARTD 318 - Interaction Design I Credits: 3
- ARTD 319 - Interaction Design II Credits: 3
- ARTD 401 - User Experience Design Credits: 3
- ARTD 405 - Professional Practices in Design Credits: 3
- ARTD 411 - Advanced Visual Communication I Credits: 3
- ARTD 412 - Advanced Typography Credits: 3
- ARTD 406 - Senior Project Credits: 3
- ARTS/ARTD 300/400-level electives (15)

Special requirements

Students must successfully complete a review of their senior project during ARTD 406.

Students must present an entrance portfolio, be interviewed by the visual communication faculty, and pass the portfolio review for admission into the visual communication area of study before registering for ARTD 201, a course offered only in fall semester. Students must have a minimum GPA of 3.00 in the following courses to continue in the visual communication program:

- ARTD 201 - Introduction to Visual Communication Credits: 3
- ARTD 202 - Introduction to Typography Credits: 3
- ARTD 211 - Intermediate Typography Credits: 3
- ARTD 212 - Image in Visual Communication Credits: 3

Total Hours for Emphasis 1, Design and Media Arts: 78

Emphasis 2. Art Studio

Special Requirements: To enter the art studio emphasis of the major in art studio and design (B.F.A.), students must successfully complete 9 semester hours of basic requirements, ARTH 282 and ARTH 292, at least 12 of the 24 required semester hours of ARTS 200/300-level Core Art Studio requirements, and pass a portfolio review. These special requirements must be met no later than the semester in which the entrance portfolio is submitted. All eight courses (24 semester hours) listed in the Core Art Studio Requirements must be completed in conjunction with the art studio emphasis B.F.A. degree.

Requirements in School (78)

Basic Requirements (9)

- ART 100 - Drawing Foundation I Credits: 3
- ART 102 - 2-D Foundation Credits: 3
- ART 103 - 3-D Foundation Credits: 3

Art History Requirements (12)

- ARTH 282 - Introduction to World Art Credits: 3 Available for general education credit.
  This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- ARTH 292 - Introduction to Modern Arts and Design Credits: 3 Available for general education credit. This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- 300/400-level art history electives (6)

Core Art Studio Requirements (24)

- ARTS 200 - Beginning Life Drawing Credits: 3
- ARTS 321 - Waterbased Painting Credits: 3
- OR ARTS 323 - Painting I Credits: 3
- ARTS 327 - Beginning Illustration Credits: 3
- ARTS 330 - Introduction to Printmaking Credits: 3
- ARTS 341 - Beginning Ceramics Credits: 3
- ARTS 351 - Beginning Metalwork, Jewelry Design, and Digital Fabrication Credits: 3
- ARTS 361 - Beginning Sculpture I Credits: 3
- ARTS 368 - Introduction to Fiber: Papermaking Credits: 3
- OR ARTS 371 - 2-D/3-D Woven Construction Credits: 3
- OR ARTS 372 - Introduction to Fiber: Print Dye Paint Stitch Credits: 3
- OR ARTS 374 - Installation and Fiber Sculpture Credits: 3

B.F.A. Art Studio Area Requirements (33)

Students must successfully complete the sub-plan requirements in one of the following fields: ceramics, drawing, fiber, illustration, metals, painting, printmaking, or sculpture. Check individual area sub-plans for specific requirements. Exceptions to any individual area sub-plan will require faculty approval.

Drawing Area Sub-plan (33)

- ARTS 200 - Beginning Life Drawing Credits: 3
- ARTS 300 - Intermediate Drawing Credits: 3
- ARTS 310 - Issues in Contemporary Drawing Credits: 3
- ARTS 400 - Advanced Drawing I Credits: 3
- ARTS 402 - Advanced 2-D Figure Study Credits: 3
- ARTS 403 - Drawing Workshop Credits: 3
- ARTS 405 - Interdisciplinary Seminar Credits: 3
- ARTS 406 - Senior Project Credits: 3
- ARTS/ARTD 300/400-level elective (9) (Additional studio electives required beyond 24 credits listed in Core Art Studio and Sub-Plan requirements)

Illustration Area Sub-plan (33)

- ARTD 201 - Introduction to Visual Communication Credits: 3
- ARTD 370 - 2-D Animation Credits: 3
- ARTS 402 - Advanced 2-D Figure Study Credits: 3
- OR ARTS 324 - Painting II: The Figure Credits: 3
- ARTS 406 - Senior Project Credits: 3
- ARTS 437 - Intermediate Illustration Credits: 3 Students must take 6 semester hours in this course.
- ARTS 438 - Advanced Illustration Credits: 3 Students must take 6 semester hours in this course.
- ARTS 447 - Computer Raster Applications for Illustration Credits: 3
- ARTS 448 - Computer Vector Applications for Illustration Credits: 3 ARTS/ARTD 300/400-level electives (3) (Additional studio electives required beyond 24 credits listed in Core Art Studio and Sub-Plan requirements)

Painting Area Sub-plan (33)

- ARTS 322 - Painting Methods and Materials Credits: 3
- ARTS 324 - Painting II: The Figure Credits: 3
- ARTS 405 - Interdisciplinary Seminar Credits: 3
- ARTS 406 - Senior Project Credits: 3
- ARTS 421 - Advanced Painting Credits: 3 or 6 Students must take 9 semester hours in this course.
- ARTS 425 - Special Topics in Painting Credits: 3
- ARTS/ARTD 300/400-level electives (9) (Additional studio electives required beyond 24 credits listed in Core Art Studio and Sub-Plan requirements)

Printmaking Area Sub-plan (33)

- ARTD 313 - Beginning Photography Credits: 3
- ARTS 331 - Intermediate Printmaking Credits: 3
- ARTS 332 - Interdisciplinary and Alternative Methods in Print Media Credits: 3
- ARTS 333 - Screen-Printing Credits: 3
- ARTS 405 - Interdisciplinary Seminar Credits: 3
- ARTS 406 - Senior Project Credits: 3
- ARTS 430 - Advanced Printmaking Workshop Credits: 3 or 6. Students must take 6 semester hours in this course.
- ARTS/ARTD 300/400-level electives (9) (Additional studio electives required beyond 24 credits listed in Core Art Studio and Sub-Plan requirements)

Ceramics Area Sub-plan (33)

- ARTS 346 - Intermediate Ceramics Credits: 3 or 6 Students must take 12 semester hours in this course.
- ARTS 405 - Interdisciplinary Seminar Credits: 3
- ARTS 406 - Senior Project Credits: 3
- ARTS 446 - Advanced Ceramics Credits: 3 or 6 Students must take 12 semester hours in this course.
- ARTS/ARTD 300/400-level electives (3) (Additional studio electives required beyond 24 credits listed in Core Art Studio and Sub-Plan requirements)

Fiber Area Sub-plan (33)

- ARTS 405 - Interdisciplinary Seminar Credits: 3
- ARTS 406 - Senior Project Credits: 3
- ARTS 470 - Advanced Fiber Workshop Credits: 3 Students need 6 semester hours in this course.
- ARTS 471 - Special Topics in Fiber Credits: 3

Three of the following (9)

- ARTS 368 - Introduction to Fiber: Papermaking Credits: 3 May not be repeated in the fiber area sub-plan if taken to fulfill Core Art Studio Requirements.
- ARTS 371 - 2-D/3-D Woven Construction Credits: 3 May not be repeated in the fiber area sub-plan if taken to fulfill Core Art Studio Requirements.
- ARTS 372 - Introduction to Fiber: Print Dye Paint Stitch Credits: 3 May not be repeated in the fiber area sub-plan if taken to fulfill Core Art Studio Requirements.
- ARTS 374 - Installation and Fiber Sculpture Credits: 3 May not be repeated in the fiber area sub-plan if taken to fulfill Core Art Studio Requirements.

ARTS/ARTD 300/400-level electives (9)

(Additional studio electives required beyond 24 credits listed in Core Art Studio and Sub-Plan requirements.)

Metalwork, Jewelry Design, and Digital Fabrication Area Sub-plan (33)

- ARTS 352 - Intermediate Metalwork, Jewelry Design, and Digital Fabrication Credits: 3
- ARTS 405 - Interdisciplinary Seminar Credits: 3
- ARTS 406 - Senior Project Credits: 3
- ARTS 451 - Advanced Metalwork, Jewelry Design, and Digital Fabrication Credits: 3
  Students must take 12 semester hours in this course.
- ARTS 452 - Advanced Research in Metalwork, Jewelry Design, and Digital Fabrication Credits: 3
- ARTS/ARTD 300/400-level electives (9)
  (Additional studio electives required beyond 24 credits listed in Core Art Studio and Sub-Plan requirements)

Sculpture Area Sub-plan (33)

- ARTS 362 - Intermediate Sculpture Credits: 3
  Students must take 6 semester hours in this course.
- ARTS 405 - Interdisciplinary Seminar Credits: 3
- ARTS 406 - Senior Project Credits: 3
- ARTS 456 - Sculpture Workshop Credits: 3
- ARTS 461 - Advanced Sculpture Credits: 3
  Students must take 9 semester hours in this course.
- ARTS/ARTD 300/400-level electives (9)
  (Additional studio electives required beyond 24 credits listed in Core Art Studio and Sub-Plan requirements)

Total Hours for Emphasis 2, Art Studio: 78

Minor

Minor in Art (21)

Declaration of this minor by students majoring in art and design education (B.S.Ed.) or art studio and design (B.F.A.) is not permitted. Students majoring in art history and visual studies are permitted to minor in art provided the electives in art are not double-counted in the major and the minor.

Check departmental information for any additional requirements.

Requirements (21)

- ART 100 - Drawing Foundation I Credits: 3
- ART 102 - 2-D Foundation Credits: 3
- ARTH 292 - Introduction to Modern Arts and Design Credits: 3
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- Electives in art (12)

Minor in Art History and Visual Studies (18)

The minor in art history and visual studies is for all students interested in how we communicate through images and the built environment. Course work focus is on ways that human relationships to images, forms, and structures have changed over time and differ from one geographical and cultural context to another.

Declaration of this minor by students majoring in art (B.A. or B.S.), art and design education (B.S.Ed.), or art studio and design (B.F.A.) is permitted.

All art history courses at the 200-300 level are available for general education credit and may be used to fulfill both general education requirements (including pathways) and the art history and visual studies minor.

Check departmental information for any additional requirements.

Requirements (18)

Six or more semester hours in the minor must be taken at NIU.

Nine or more semester hours must be at the 300-400 level.

- ARTH 282 - Introduction to World Art Credits: 3
  ARTH 282 is available for general education credit.
  This is a creativity and critical analysis general education course for the Origins and Influences Pathway.

- ARTH 292 - Introduction to Modern Arts and Design Credits: 3
  ARTH 292 is available for general education credit. This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- Electives in art history (12)

Certificate of Undergraduate Study

Digital Fabrication (12)

This certificate is designed to provide knowledge and experience concerning the creative application of digital fabrication processes to individualized student research initiatives. Content may include, but is not limited to 3d modeling, 3d printing, laser cutting, CNC machining, and 3d scanning. The certificate is available to students in any undergraduate program, but is designed for those concerned with visual design and innovative development.

Interested students should contact the Area Coordinator for Metalwork, Jewelry Design, and Digital Fabrication in the Studio Division of the School of Art and Design

Requirements (12)

- ARTS 449 - 3D Digital Sculpting Credits: 3
- ARTS 450 - Digital Fabrication Workshop I Credits: 3
- ARTS 453 - Digital Fabrication Workshop II Credits: 3
- ARTS 454 - Advanced Research in Digital Fabrication Credits: 3

The Degree with Honors

Art History and Visual Studies Degree with Departmental Honors

Majors in art history and visual studies who have and maintain a minimum 3.40 GPA in all of their art history course work are eligible to participate in the honors program in art history and visual studies. Students interested in obtaining the B.A. degree with honors should consult with the undergraduate coordinator or art history division head as soon as possible after declaring their major.

Requirements for the baccalaureate degree in art history and visual studies with honors include completion of the foreign language requirement for the B.A. degree with a GPA of 3.00, and completion of a senior thesis. The foreign language must be chosen in consultation with an art history faculty adviser.

The senior thesis must be approved by a committee consisting of an Art History faculty adviser and a second reader.

Requirements

To complete the senior thesis, students must complete:

- ARTH 486 - Art Historical Methodology Credits: 3 with a grade of A- or better
  ARTH 486 is a writing infused course.
  followed by
- ARTH 499 - Senior Thesis Credits: 3

Accelerated Integrated Degree

Accelerated B.A./J.D. Program in Art History and Visual Studies and the College of Law

Admission

The six-year integrated sequence leads to both the B.A. in Art History and Visual Studies and J.D. degrees. Students who wish to complete this program must identify themselves to the Art History Division as majors who wish to complete the accelerated program. All undergraduates who major in art history and visual studies and have completed at least 90 semester hours of undergraduate course work with a minimum GPA of 3.25 are eligible to apply to NIU's College of Law under the special provisions of this program. As part of the application to the College of Law, applicants must take the LSAT and receive a score at or above the 50th percentile of the previous year's matriculating law class. Applicants are advised to take the LSAT and submit their application to the College of Law no later than February of their junior year. Admission will be on a competitive basis, and the likelihood of admission will depend on the number and quality of applicants to the program, the number and quality of applicants to the College of Law in general, as well as other factors normally considered in admissions decisions by the College of Law.

Curriculum

Students must complete all the requirements for the Art History and Visual Studies B.A. degree as well as all general education requirements (90 credit hours in total) by the end of their junior year. Beginning with the first semester of their senior year, students will start taking classes at the College of Law. These courses will count toward the final 30 credits of the undergraduate degree. The final two years of the program will follow the standard College of Law timetable.

List of courses

ART 100 - Drawing Foundation I

ART 101 - Drawing Foundation II

ART 102 - 2-D Foundation

ART 103 - 3-D Foundation

ART 104 - Computer Art Foundation

ART 105 - Exploring Visual Professions

ART 106 - Art Making, Materials, and Methods for Non-Art Majors

ART 108 - Basic Drawing for Non-Art Majors

ART 450 - Field Studies in Art

ART 457 - Museum Education

ART 465 - Introduction to Museum Studies

ART 489 - Topics in Art

ART 490 - Independent Research

ART 499 - Capstone Seminar

ARTD 201 - Introduction to Visual Communication

ARTD 202 - Introduction to Typography

ARTD 211 - Intermediate Typography

ARTD 212 - Image in Visual Communication

ARTD 215 - Digital Photography for Non-majors

ARTD 273 - Introduction to Time Arts I

ARTD 275 - Introduction to Time Arts II

ARTD 302 - Color

ARTD 303 - Video Art

ARTD 311 - Intermediate Visual Communication I

ARTD 312 - Intermediate Visual Communication II

ARTD 313 - Beginning Photography

ARTD 318 - Interaction Design I

ARTD 319 - Interaction Design II

ARTD 320 - Motion Graphic Design

ARTD 350 - Sound

ARTD 355 - Critical Topics in Art and Time

ARTD 370 - 2-D Animation

ARTD 373 - 3-D Animation

ARTD 401 - User Experience Design

ARTD 404 - Design Methodologies

ARTD 405 - Professional Practices in Design

ARTD 406 - Senior Project

ARTD 409 - Advanced Topics: Interactive Art

ARTD 411 - Advanced Visual Communication I

ARTD 412 - Advanced Typography

ARTD 413 - Intermediate Traditional Photography

ARTD 414 - Information Design

ARTD 418A - Special Problems in Visual Communication

ARTD 418B - Advanced Problems in Visual Communication

ARTD 419 - Intermediate Digital Photography

ARTD 420 - Design Field Experience

ARTD 460 - Experimental and Alternative Photography

ARTD 464 - Advanced Photography: Post-production

ARTD 465 - Sequencing and Photobooks

ARTD 466 - Intermedia Arts

ARTD 467 - Advanced Topics: Video Art

ARTD 468 - Advanced Photographic Media

ARTD 469 - Advanced Photographic Projects and Research

ARTD 470 - Photographic Lighting

ARTD 473 - Advanced Topics: 3D Animation

ARTD 475 - Time Arts: Special Topics

ARTE 109 - Strategic Visual Thinking

ARTE 200 - Studio Foundations for Art and Design Educators

ARTE 342 - Introduction to Art and Design Education: Content and Clinical Experience at the Elementary Level

ARTE 343 - Art and Technology in the PK-12 Classroom

ARTE 344 - Development of Resources and Methods in Art and Design Education: Content and Clinical Experience at the Middle Level

ARTE 345 - Art and Design Curriculum: Content and Clinical Experience at the High School Level

ARTE 383 - Teaching Art in Elementary Schools

ARTE 384 - History and Philosophy of Art Education

ARTE 387 - Assessing Art and Design Learning, PK-12

ARTE 463 - Reading and Writing in Art and Design Education: Critical Approaches

ARTE 479 - Disability, Diversity, and Differentiation in Art and Design Education

ARTE 480 - Alternative Teaching Experiences

ARTE 482 - Clinical Experiences in Studio Pedagogy

ARTE 483 - Art in Elementary Schools and Community Programs

ARTE 484 - Interrelated Arts Education

ARTE 488A - Student Teaching in Elementary Art

ARTE 488B - Student Teaching in Secondary Art

ARTH 282 - Introduction to World Art

ARTH 292 - Introduction to Modern Arts and Design

ARTH 294 - Introduction to Arts of Asia

ARTH 310 - Studies in Ancient and Middle-Eastern Art

ARTH 320 - Studies in Medieval Art

ARTH 330 - Studies in Early Modern European Art

ARTH 331 - Art, Nature and Technology 1400 to 1800

ARTH 340 - Studies in Modern Art

ARTH 350 - Studies in Contemporary Art

ARTH 360 - Studies in Design

ARTH 361 - History of Sustainable Design

ARTH 362 - Art and Design History of Global Visual Communication

ARTH 370 - Studies in Asian Art

ARTH 380 - Studies in African, Oceanian, Native American, Pre-Columbian Art, and Latin-American Art

ARTH 451 - Cultural Perspectives in Ancient Art and Architecture

ARTH 452 - Cultural Perspectives in Global Medieval Art

ARTH 453 - Cultural Perspectives in Early Modern Art

ARTH 454 - Topics in Modern Art

ARTH 455 - Cultural Perspectives in Contemporary Art

ARTH 456 - Cultural Perspectives in Design History

ARTH 457 - Cultural Perspectives in Asian Art

ARTH 458 - Topics in African, Oceanian, Native American, Pre-Columbian, and Latin-American Art

ARTH 485 - Topics in Art History

ARTH 486 - Art Historical Methodology

ARTH 494 - Art History Undergraduate Seminar

ARTH 499 - Senior Thesis

ARTS 200 - Beginning Life Drawing

ARTS 215 - Fundamentals of Graphic Design

ARTS 261 - 3-D Materials and Techniques

ARTS 300 - Intermediate Drawing

ARTS 310 - Issues in Contemporary Drawing

ARTS 321 - Waterbased Painting

ARTS 322 - Painting Methods and Materials

ARTS 323 - Painting I

ARTS 324 - Painting II: The Figure

ARTS 327 - Beginning Illustration

ARTS 330 - Introduction to Printmaking

ARTS 331 - Intermediate Printmaking

ARTS 332 - Interdisciplinary and Alternative Methods in Print Media

ARTS 333 - Screen-Printing

ARTS 338 - Anatomical Drawing

ARTS 339 - Beginning Scientific Illustration

ARTS 340 - Intermediate Scientific Illustration

ARTS 341 - Beginning Ceramics

ARTS 346 - Intermediate Ceramics

ARTS 351 - Beginning Metalwork, Jewelry Design, and Digital Fabrication

ARTS 352 - Intermediate Metalwork, Jewelry Design, and Digital Fabrication

ARTS 361 - Beginning Sculpture I

ARTS 362 - Intermediate Sculpture

ARTS 368 - Introduction to Fiber: Papermaking

ARTS 371 - 2-D/3-D Woven Construction

ARTS 372 - Introduction to Fiber: Print Dye Paint Stitch

ARTS 374 - Installation and Fiber Sculpture

ARTS 400 - Advanced Drawing I

ARTS 402 - Advanced 2-D Figure Study

ARTS 403 - Drawing Workshop

ARTS 405 - Interdisciplinary Seminar

ARTS 406 - Senior Project

ARTS 421 - Advanced Painting

ARTS 423 - Selected Problems in Studio Art

ARTS 425 - Special Topics in Painting

ARTS 430 - Advanced Printmaking Workshop

ARTS 436 - Special Topics in Illustration

ARTS 437 - Intermediate Illustration

ARTS 438 - Advanced Illustration

ARTS 439 - Advanced Scientific Illustration I

ARTS 440 - Advanced Scientific Illustration II

ARTS 446 - Advanced Ceramics

ARTS 447 - Computer Raster Applications for Illustration

ARTS 448 - Computer Vector Applications for Illustration

ARTS 449 - 3D Digital Sculpting

ARTS 450 - Digital Fabrication Workshop I

ARTS 451 - Advanced Metalwork, Jewelry Design, and Digital Fabrication

ARTS 452 - Advanced Research in Metalwork, Jewelry Design, and Digital Fabrication

ARTS 453 - Digital Fabrication Workshop II

ARTS 454 - Advanced Research in Digital Fabrication

ARTS 456 - Sculpture Workshop

ARTS 461 - Advanced Sculpture

ARTS 470 - Advanced Fiber Workshop

ARTS 471 - Special Topics in Fiber

Music (MU--)

Admission to programs in the School of Music is limited. See "Limited Admissions and Limited Retention Requirements" in the Admission section of this catalog.

The School of Music offers a Bachelor of Music (B.M.) degree with emphases in music education, performance, and composition and a Bachelor of Arts (B.A.) degree for students whose interests lie in acquiring a broad, liberal education.

Audition Procedures

Undergraduate admission for music majors is a two-part procedure. Every student must be accepted by the Office of Admissions and the School of Music in order to pursue a degree. The School of Music accepts students after they have successfully completed an audition, interview, and basic musicianship screening. While students may designate themselves as intended music majors when applying to the university, they do not formally achieve that status until all of the above procedures have been completed successfully. Students who wish to enroll in the composition emphasis must also submit written examples of their works. Prospective students may contact the School of Music for regularly scheduled audition and screening dates. Performance study is available in voice, piano, organ, woodwinds, brass, percussion, strings, guitar, and harp.

Requirements

Music majors are expected to attend a specified number of recitals, concerts, and convocations. Music majors must attain a minimum grade of C in all 100- and 200-level music courses required for graduation in their degree program.

Depending on the emphasis chosen, all senior music majors are required to present a full or partial recital, submit a composition or research project, or complete an equivalent assignment. No credit is awarded.

Music Faculty

Andrew Glendening, D. Mus., Indiana University, professor, director
Orna Arania, D.M., Northwestern University, associate professor
Jeremy Attanaseo, M.M., DePaul University, instructor
Gregory Barrett, D.Mus., Indiana University, professor
Gregory Beyer, D.M.A., Manhattan School of Music, professor
Thomas Bough, D.M.A., Arizona State University, professor
Geof Bradfield, M.F.A. California Institute of the Arts, professor
Bobby Broom, M.M., Northwestern University, assistant professor
James Russell Brown, M.M., New England Conservatory, instructor
Robert Chappell, M.M., University of North Texas, Distinguished Teaching Professor, visiting professor
Christine D'Alexander, D.M.A., University of Southern California, assistant professor
Anthony Devroye, Performance Diploma, Curtis Institute of

Music, professor
Mary Lynn Doherty, Ph.D., University of Wisconsin, associate professor
Emily Fagan, M.M., University of Houston, instructor
Tom Garling, M.M., University of Miami, instructor
John Gaudette, Diploma, Curtis Institute of Music, instructor
William Goldenberg, D.Mus., Indiana University, Distinguished Teaching Professor
Brian Hart, Ph.D., Indiana University, professor
Eric Johnson, D.M.A., University of Illinois, professor
JeongSoo Kim, D.M.A., Eastman School of Music, professor
Edward Klonoski, Ph.D., Ohio State University, associate professor
Cheng-Hou Lee, D.M.A., New England Conservatory, professor
Blaise Magnière, M.M., Cleveland Institute of Music, professor
David Maki, D.M.A., University of Michigan, professor
Lucia Matos, D.M.A., University of Iowa, associate professor
Scott Metlicka, M.M., Northwestern University, instructor
Ann Montzka-Smelser, M.M., Northern Illinois University, instructor
Dan Nichols, M.M., Northern Illinois University, instructor
John K. Novak, Ph.D., University of Texas, professor
Elinor Olin, Ph.D., Northwestern University, instructor
Brian Penkrot, Ph.D., University of Iowa, instructor
Marlene Rosenberg, M.M., Northwestern University, instructor
Christopher Scanlon, D.M.A., Stony Brook University, The State University of New York, assistant professor
Faye Seeman, M.M., Boston University, instructor
Robert L. Sims, Artistic Diploma, Northwestern University, professor
Linc Smelser, M.M., Northern Illinois University, instructor
Thomas Snydacker, M.M., Arizona State University, instructor
Mathias J. Tacke, Diploma, Northwest German Music Academy, professor
Liam Teague, M.M., Northern Illinois University, Presidential Research, Scholarship and Artistry Professor
Scott Tegge, Professional Diploma, Roosevelt University, instructor
An Tran, M.M., Yale University, instructor
Reggie Thomas, M.M., Southern Illinois University, professor
Rodrigo Villanueva, M.M., University of North Texas, professor
Renée Vogen, M.M., Northwestern University, instructor
Ben Wahlund, M.M., Northern Illinois University, instructor
Jui-Ching Wang, D.M.A, Arizona State University, professor
Marie Wang, M.M., Northern Illinois University, professor
A.J. Wester, M.M., DePaul University, instructor
Pharez Whitted, M.M., Indiana University, instructor
Ronnie Wooten, D.M.A., Michigan State University, professor

Majors

Music (B.A.)

Admission to the program is by audition for the traditional option or by portfolio and interview for the world music option. Elective courses under this program should be chosen in consultation with the student's adviser.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Requirements in School (48)

- MUSC 99 - Recital Attendance Credits: 0
- MUSP 101 - Beginning Group Piano Credits: 1
- MUTC 100 - Music Theory Fundamentals Credits: 2
- MUTC 101 - Music Theory I Credits: 2
- MUTC 103 - Aural Skills I Credits: 2
- MUTC 105 - Contemporary Aural Skills I Credits: 2
- MUTC 206 - Contemporary Music Theory Credits: 2
- MUTC 207 - Contemporary Aural Skills II Credits: 2
- MUTC 302 - Introduction to Electronic and Computer Music I Credits: 2
- MUTC 325 - Songwriting Credits: 2
- MUSC 399A - Senior Recital Credits: 0
- OR MUSC 399B - Senior Research Project or Composition Credits: 0

Historical component-Select three from the following: (9)

- MUHL 220 - Introduction to Western Musical Traditions Credits: 3
  Available for General Education Credit in the Creativity and Critical Analysis Knowledge Domain.
- MUHL 221 - Introduction to Jazz Music Credits: 3
  Available for General Education Credit in the Creativity and Critical Analysis Knowledge Domain.
- MUHL 222 - World Music and Culture Credits: 3
  Available for General Education Credit in the Creativity and Critical Analysis Knowledge Domain.
  OR MUHL 326 - Survey of World Music Credits: 3
  *OR A*NTH 326X - Survey of World Music Credits: 3
  MUHL 326/ANTH 326X also satisfy the Human Diversity Requirement
- MUHL 223 - History of Rock Credits: 3
  Available for General Education Credit in the Creativity and Critical Analysis Knowledge Domain.

Applied Music Requirement (8)

Students must choose from one of the following options:

World Music Option:

World Music Ensembles (8 credits from MUSE 321, 325, 370, 372, 373 or 375, must be enrolled in 2 consecutive semesters for an ensemble to count.)

Traditional Option:

Private keyboard, instrumental, or voice study (4 credits in MUSP)

AND Ensembles (4 credits in MUSE playing the MUSP instrument studied.)

Electives (14)

Choose 14 credits of music electives from MUTC, MUSP, MUED, MUSE, or MUHL

For students interested in recording arts, the following set of electives is recommended: MUTC 314, 315, 316, 323, 324, 400 and 401.

Requirements outside School (0-12)

- Fulfillment of B.A. foreign language requirement (0-12) (See "Foreign Language Requirement for the B.A. Degree" in the Other Graduation Requirements section of this catalog.)

TOTAL HOURS FOR A MAJOR IN MUSIC (B.A.): 48-60

General Education Requirements (15-27)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-12)

Writing Requirement (0-6)
Oral Communication Requirement (0-3)
Quantitative Literacy Requirements (0-3)

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domain Requirements (15)

Creativity and Critical Analysis (0)

- The program requirement to choose three from MUHL 220, 221,222 or 223 fulfills the two required courses for this knowledge domain.

Nature and Technology (6)

- Two 3-credit courses selected from approved general education list. Nature and Technology Course List.

Society and Culture (6)

- Two 3-credit courses selected from approved general education list. Society and Culture Course List.

Knowledge Domain Elective (3)

- One 3-credit course selected from approved general education list.

Graduation Requirements (6-9)

In addition to completing the above major requirements, students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (0-3)

One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List.

Writing Infused Requirements (6)

Two courses from the approved Writing Infused course list. Writing Infused Course List.

Upper-Division Courses

A minimum of 40 semester hours of the total number must be in courses numbered at the 300 and/or 400 level. These must include at least 12 semester hours of major departmental courses taken at NIU.

TOTAL HOURS FOR GENERAL EDUCATION AND GRADUATION REQUIREMENTS: 21-36

TOTAL HOURS FOR ELECTIVES: 24-51

TOTAL HOURS FOR A B.A. DEGREE IN MUSIC: 120

Music (B.M.)

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Core Requirements (22-25)

(Students in the jazz studies area of study must substitute MUSP 203 - Aural Foundations of Improvisation I (1) and MUSP 204 - Aural Foundations of Improvisation II (1), for MUTC 203 and MUTC 204.)

- MUSC 99 - Recital Attendance Credits: 0
- MUTC 101 - Music Theory I Credits: 2
- AND MUTC 102 - Music Theory II Credits: 2
- MUTC 103 - Aural Skills I Credits: 2
- AND MUTC 104 - Aural Skills II Credits: 2
- MUTC 201 - Music Theory III Credits: 2
- AND MUTC 202 - Music Theory IV Credits: 2
- MUTC 203 - Aural Skills III Credits: 2
- AND MUTC 204 - Aural Skills IV Credits: 2
- MUTC 301 - Music Theory V Credits: 2
- OR MUHL 323 - 20th Century Music Credits: 3
- MUHL 321 - History and Literature of Music I Credits: 3
- AND MUHL 322 - History and Literature of Music II Credits: 3

Emphasis 1. Music Education

Requirements in School (84-90)

Core Requirements (22-25)

See Above.

Music Education Emphasis Core Requirements (25)

- MUED 150 - Introduction to Music Education/Field Experience in Public Schools Credits: 1
- MUED 250 - Elementary General Music Methods Credits: 3
- MUED 251 - Clinical Experience in Elementary General Music Credits: 1
- MUED 350 - Middle School/Junior High Music Methods Credits: 3
  MUED 350 is a writing infused course.
- MUED 351 - Clinical Experience in Middle School/Junior High Music Credits: 1
- MUED 352 - Secondary Music Methods Credits: 3
- MUED 353 - Clinical Experience in Secondary Music Credits: 1
- MUED 490 - Student Teaching PK-8 Credits: 6
  Application for student teaching must be made through the School of Music during the academic year which precedes registration in student teaching.
- MUED 495 - Student Teaching 6-12 Music Credits: 6
  Application for student teaching must be made through the School of Music during the academic year which precedes registration in student teaching.

One of the following areas of study (37-40)

Instrumental Music (38-40)

- MUSP 101 - Beginning Group Piano Credits: 1
  MUSP 110 - Piano Secondary, may be substituted for any group piano requirement with the consent of the piano faculty.
- MUSP 102 - Intermediate Group Piano Credits: 1
  MUSP 110 - Piano Secondary, may be substituted for any group piano requirement with the consent of the piano faculty.
- MUED 170 - Instrumental Techniques and Materials: Flute, Clarinet, and Saxophone Credits: 1
- MUED 171 - Instrumental Techniques and Materials: Brass Credits: 1
- MUED 172 - Instrumental Techniques and Materials: Percussion Credits: 1
- MUED 173 - Instrumental Techniques and Materials: Double Reeds Credits: 1
- MUED 174 - Instrumental Techniques and Materials: Strings Credits: 1
- MUTC 305 - Orchestration Credits: 2
- OR MUTC 307 - Wind and Percussion Scoring Credits: 2
- MUSP 335 - Conducting I Credits: 2
- MUSP 336 - Conducting II: Instrumental Credits: 2
- OR MUSP 337 - Conducting III: Choral Credits: 2
- MUSE 342 - University Chorus Credits: 1
- OR MUSP 114 - Voice: Secondary Credits: 1
- Theory and composition and/or history and literature courses (2-3)
- 200-level private instrumental study (8)
- 300-level private instrumental study (6)
- MUSC 399A - Senior Recital Credits: 0

Ensembles (8-9)

Course work from the following (7)

- MUSE 330 - Wind Symphony Credits: 1
- MUSE 331 - Wind Ensemble Credits: 1
- MUSE 332 - All-University Band Credits: 1
- MUSE 360 - NIU Philharmonic Credits: 1
- MUSE 372 - Steel Band Credits: 1
  Steel band fulfills this requirement for steel pan majors only.

All instrumental music education students must also participate in one of three options (1-2):

Marching Band

- MUSE 335 - Marching Band Credits: 1

Jazz Ensemble

Coursework from the following (1)

- MUSE 324 - Jazz Combo Credits: 1
- MUSE 344 - Jazzvox Credits: 1
- MUSE 350 - Jazz Ensemble Credits: 1

World Music Ensemble

Coursework from the following or consent of School (2)

- MUSE 325 - Latin Jazz Ensemble Credits: 1
  Students must take 2 semester hours in this course.
- MUSE 375 - Chinese Music Ensemble Credits: 1
  Students must take 2 semester hours in this course.
- MUSE 370 - Gamelan Credits: 1
  Students must take 2 semester hours in this course.
- MUSE 372 - Steel Band Credits: 1
  Students must take 2 semester hours in this course; does not fulfill the requirement for steel pan majors.
- MUSE 373 - All University Steel Band Credits: 1
  Students must take 2 semester hours in this course; does not fulfill the requirement for steel pan majors.

Vocal Music (37-38)

- MUSP 101 - Beginning Group Piano Credits: 1
  Students must take MUSP 101 for 2 semester hours. MUSP 110, Piano Secondary, may be substituted for any group piano requirement with the consent of the piano faculty.
- MUSP 102 - Intermediate Group Piano Credits: 1
- MUSP 103 - Advanced Group Piano Credits: 1
- MUSP 214 - Voice: Primary Credits: 1-4
  Students must take 8 semester hours in this course.
- MUSP 205 - Diction for Singers I Credits: 2
- MUSP 206 - Diction for Singers II Credits: 2
- MUTC 305 - Orchestration Credits: 2
- OR MUTC 307 - Wind and Percussion Scoring Credits: 2
- MUSP 314 - Voice: Primary Credits: 2 or 4
  Students must take 6 semester hours in this course.
- MUSP 335 - Conducting I Credits: 2
- MUSP 337 - Conducting III: Choral Credits: 2
- Theory and composition and/or history and literature courses (2-3)
- MUSC 399A - Senior Recital Credits: 0

Ensembles (7)

Course work from the following (5)

- MUSE 342 - University Chorus Credits: 1
- MUSE 345 - Concert Choir Credits: 1

Other ensemble courses (2)

Requirements outside School (18-19)

- BKST 211 - Educating African Americans Credits: 3
  Available for general education credit.
  BKST 211 also fulfills the Human Diversity Requirement.
- OR EPFE 201 - Education as an Agent for Change Credits: 3
  Available for general education credit.
  EPFE 201 also fulfills the Human Diversity Requirement.
- EPFE 400 - Foundations of Education Credits: 3
  EPFE 400 is a writing infused course.
  Available for general education credit.
  This is a creativity and critical analysis general education course for the Learning Pathway.
- EPS 405 - Issues in Human Development in the Elementary Through High School Years Credits: 3
- ETRA 422 - Technology and Assessment for Middle Level Education and Secondary Education Credits: 4
- OR ETR 440 - Classroom Assessment Techniques Credits: 3
- PSYC 102 - Introduction to Psychology Credits: 3
  Available for general education credit.
- SESE 457 - Methods for Including Middle and Secondary Students with Exceptionalities in the General Education Classroom Credits: 3

  Fulfillment of requirements for Standard Special Educator License (See the "Educator Licensure Requirements" section of this catalog.)

Special requirements

Students must earn a C or better in all courses required for licensure. A minimum NIU cumulative GPA of 2.50 is required for enrollment in MUED 150, MUED 250, MUED 251, MUED 350, MUED 351, MUED 352, MUED 353, MUED 490, and MUED 495. Enrollment in said courses is by request and must be approved by the Music Education faculty. Students may be asked to update their TB tests and criminal background checks for each clinical placement; criminal background checks are not processed through NIU. Students are required to exhibit and maintain appropriate dispositions for licensure as assessed by the Music Education faculty. Concerns will be brought to students' attention and interventions may be required in order for students to continue in the program.

To be considered for full admission into the Music Education licensure program, students must have at least an NIU cumulative GPA of 2.50; pass MUTC 101, MUTC 102, MUTC 103, MUTC 104, MUTC 201, MUTC 202, MUTC 203, MUTC 204 with a C or better; earn a C or better in MUED 150, MUED 250, MUED 251; and pass the Admission to Teacher Licensure in Music Functional Musicianship Exam and Content Interview at the end of MUED 250.

Following full admission into the Music Education licensure program, students whose NIU cumulative GPA falls below the required 2.50 or students who have not successfully

completed prerequisites may not be allowed to continue in the program. Students may appeal in writing for one probationary semester to the Coordinator of Music Education. Students must apply for student teaching placements by the Friday of finals week one year before the requested semester (spring for spring, fall for fall). Final approval for student teaching includes a review of student records, a passing score on the Illinois Music Content Exam, and the completion of all other major requirements including required course work and student recital. Questions regarding requirements for music education should be directed to the Coordinator of Music Education.

Total Hours for Emphasis 1, Music Education: 102-109

Emphasis 2. Performance

Requirements in School (78-81)

Core requirements (20-21)

See above.

One of the following areas of study (58-60)

Keyboard Music (58-60)

- 200-level private keyboard study (16)
- 300-level private keyboard study (16)
- MUSP 335 - Conducting I Credits: 2
- MUSP 339 - Accompanying Credits: 1
- MUHL 435 - Organ Literature I Credits: 2
- AND MUHL 436 - Organ Literature II Credits: 2
- OR MUHL 437 - Piano Literature I Credits: 2
- AND MUHL 438 - Piano Literature II Credits: 2
- Theory and composition courses (2-3)
- History and literature courses (2-3)
- Ensembles (8)
- Other music courses (7)
- MUSC 399A - Senior Recital Credits: 0

Special requirements

Before the senior year, all students in the keyboard area of study must either complete keyboard skills classes (MUSP 232) with a grade of C or better or pass a keyboard skills proficiency examination. Requirements for students whose primary keyboard instrument is harpsichord are MUHL 437, Piano Literature I (2), and other music courses (9).

Vocal Music (58-60)

- MUSP 101 - Beginning Group Piano Credits: 1
  MUSP 110 - Piano Secondary, may be substituted for any group piano requirement with the consent of the piano faculty.
- MUSP 102 - Intermediate Group Piano Credits: 1
  MUSP 110 - Piano Secondary, may be substituted for any group piano requirement with the consent of the piano faculty.
- MUSP 103 - Advanced Group Piano Credits: 1
  Students must take 2 semester hours in MUSP 110.
  MUSP 110 - Piano Secondary, may be substituted for any group piano requirement with the consent of the piano faculty.
- MUSP 214 - Voice: Primary Credits: 1-4
  Students must take 16 semester hours in this course.
- MUSP 205 - Diction for Singers I Credits: 2
- MUSP 206 - Diction for Singers II Credits: 2
- MUSP 314 - Voice: Primary Credits: 2 or 4
  Students must take 16 semester hours in this course.
- MUSP 335 - Conducting I Credits: 2
- Theory and composition courses (2-3)
- History and literature courses (2-3)
- Ensembles (12)
- MUSC 399A - Senior Recital Credits: 0

Course work from the following (6)

- MUSE 342 - University Chorus Credits: 1
- MUSE 345 - Concert Choir Credits: 1
- Ensemble courses (6)

Special requirements

Before graduation, all students in the vocal area of study must demonstrate a foreign language proficiency equivalent to one year of college instruction in French, Italian, or German. The student can fulfill this requirement by presenting documented proof of at least two years of high school foreign language instruction in French, Italian, or German with an average grade of C or better; demonstrating competency through a proficiency examination; or completing a one-year foreign language sequence (i.e., FLFR 101-FLFR 102, FLIT 103-FLIT 104, or FLGE 101-FLGE 102) in the Department of World Languages and Cultures.

Instrumental Music (58-60)

- 200-level private instrumental study (16)
- 300-level private instrumental study (16)
- MUSP 101 - Beginning Group Piano Credits: 1
  MUSP 110 - Piano Secondary, may be substituted for any group piano requirement with the consent of the piano faculty.
- MUSP 102 - Intermediate Group Piano Credits: 1
  MUSP 110 - Piano Secondary, may be substituted for any group piano requirement with the consent of the piano faculty.
- MUTC 305 - Orchestration Credits: 2

- OR MUTC 307 - Wind and Percussion Scoring Credits: 2
- MUSP 335 - Conducting I Credits: 2
- MUSP 336 - Conducting II: Instrumental Credits: 2
- Theory and composition courses (2-3)
- History and literature courses (2-3)
- Other music courses (2)
- Ensembles (12)
- MUSC 399A - Senior Recital Credits: 0

Course work from the following (7)

- Instrumental Ensemble (1)
- University Bands (1)
- Orchestra (1)
- Other ensemble courses (4)

Note

Requirements for students whose primary interest is guitar are

- Ensembles (8)
- Other music courses (2)
- MUSP 107 - Guitar Skills I Credits: 1
- MUHL 439 - Guitar Literature Credits: 2

Jazz Studies (58-60)

- 200-level private keyboard or instrumental study (8)
- 300-level private keyboard or instrumental study (8)
- MUSP 105 - Level 1 Group Jazz Piano Credits: 1
  MUSP 110 - Piano Secondary, may be substituted for any group piano requirement with the consent of the piano faculty.
- MUSP 106 - Level 2 Group Jazz Piano Credits: 1
  MUSP 110 - Piano Secondary, may be substituted for any group piano requirement with the consent of the piano faculty.
- MUTC 205 - Jazz Theory Credits: 2
- MUHL 230 - Jazz Literature Credits: 2
- MUSP 160 - Introduction to Jazz Studies Credits: 2
- MUTC 309 - Jazz Arranging I Credits: 2
- MUTC 310 - Jazz Arranging II Credits: 2
- MUSP 335 - Conducting I Credits: 2
- MUSP 332 - Jazz Improvisation I Credits: 2
- MUSP 333 - Jazz Improvisation II Credits: 2
- MUED 477 - Jazz Pedagogy Credits: 3
- A world music course (3)
- Other music courses (2-3)
- MUSC 399A - Senior Recital Credits: 0

Course work from the following (4-5)

- MUTC 302 - Introduction to Electronic and Computer Music I Credits: 2
- MUTC 400 - Recording Techniques Credits: 3
- MUSP 462 - Survey of the Music Industry Credits: 2

Ensembles

Course work from the following (6)

- MUSE 324 - Jazz Combo Credits: 1
  Students take 3 semester hours in this course.
- MUSE 350 - Jazz Ensemble Credits: 1
  Students take 3 semester hours in this course.

Other ensembles (2)

Note

Ensemble requirements for students whose primary instrument is keyboard are MUSE 324, Instrumental Ensemble: Jazz Combo, OR MUSE 350, Jazz Ensemble (6); MUSE 342, University Chorus, OR MUSE 345, Concert Choir (2); and one or two of the following: MUSE 370, MUSE 371, or MUSE 372 (2); ensemble electives (2). Credits earned in fulfilling the ensemble requirements may not be used to fulfill the world music requirement.

Requirements for students whose primary instrument is guitar are MUSP 107, Guitar Skills I (2); MUSP 108, Guitar Improvisation I (2); MUSP 207, Guitar Skills II (2); MUSP 208, Guitar Improvisation II (2); MUSP 319, Guitar: Primary (6), MUSE 319, Guitar Ensemble (4); MUSE 324, Jazz Combo, OR MUSE 350, Jazz Ensemble (6); MUSE 342, University Chorus, OR MUSE 345, Concert Choir (2).

Total Hours for Emphasis 2, Performance: 78-81

Emphasis 3. Composition

Requirements in School (78-80)

Core requirements (20-21)

See above.

And the following:

- Approved courses in consultation with faculty adviser (36-37)
- 200-level private keyboard, instrumental, or voice study (8)
- 300-level private keyboard, instrumental, or voice study (4)
- Ensembles (6)

- Other music courses (4)
- MUSC 399B - Senior Research Project or Composition Credits: 0

Special requirement

Before the senior year, all students in this emphasis must either complete at least two semesters of keyboard study or pass a keyboard proficiency examination at the intermediate level.

Total Hours for Emphasis 3, Composition: 78-80

Minor

Minor in Music (19-20)

A successful audition to the School of Music is required to declare this minor. Declarations of this minor by students majoring in Music (B.A.) or Performance, Composition or Music Education (B.M.) is not permitted.

The Music minor does not satisfy the requirements for a music education endorsement. Please contact the Coordinator of Music Education for additional requirements to meet state mandates for a teaching endorsement in music.

Check departmental information for any additional requirements.

Core Requirements (4-5)

- MUSC 99 - Recital Attendance Credits: 0
  Students must register in this course for 4 semesters.
- MUTC 101 - Music Theory I Credits: 2
- MUTC 103 - Aural Skills I Credits: 2
- MUSP 101 - Beginning Group Piano Credits: 1
  Not required for keyboard students.

One of the following (3)

- MUHL 220 - Introduction to Western Musical Traditions Credits: 3
- MUHL 221 - Introduction to Jazz Music Credits: 3
- MUHL 222 - World Music and Culture Credits: 3
- MUHL 321 - History and Literature of Music I Credits: 3
- MUHL 322 - History and Literature of Music II Credits: 3
- MUHL 326 - Survey of World Music Credits: 3

Additional Requirements (12)

- Private secondary keyboard, instrumental, or voice study as approved by academic advisor (6)
- Ensembles (6)

List of courses

MUED 150 - Introduction to Music Education/Field Experience in Public Schools

MUED 170 - Instrumental Techniques and Materials: Flute, Clarinet, and Saxophone

MUED 171 - Instrumental Techniques and Materials: Brass

MUED 172 - Instrumental Techniques and Materials: Percussion

MUED 173 - Instrumental Techniques and Materials: Double Reeds

MUED 174 - Instrumental Techniques and Materials: Strings

MUED 250 - Elementary General Music Methods

MUED 251 - Clinical Experience in Elementary General Music

MUED 350 - Middle School/Junior High Music Methods

MUED 351 - Clinical Experience in Middle School/Junior High Music

MUED 352 - Secondary Music Methods

MUED 353 - Clinical Experience in Secondary Music

MUED 360 - Fundamentals, Principles, and Practices in Elementary Music

MUED 375 - Keyboard Methods and Materials

MUED 377 - Seminar in Suzuki Pedagogy

MUED 381 - Pedagogy of Singing

MUED 398 - Selected Studies in Music: Music Education

MUED 477 - Jazz Pedagogy

MUED 480 - Wind Instrument Literature

MUED 482 - The Music Education Approaches of Dalcroze, Orff, and Kodaly

MUED 483 - Computer Technology in the P-12 Music Program

MUED 485 - World Music Pedagogy

MUED 489 - Seminar in Music Education

MUED 490 - Student Teaching PK-8

MUED 495 - Student Teaching 6-12 Music

MUHL 220 - Introduction to Western Musical Traditions

MUHL 221 - Introduction to Jazz Music

MUHL 222 - World Music and Culture

MUHL 223 - History of Rock

MUHL 230 - Jazz Literature

MUHL 320 - Music History Review

MUHL 321 - History and Literature of Music I

MUHL 322 - History and Literature of Music II

MUHL 323 - 20th Century Music

MUHL 326 - Survey of World Music

MUHL 337 - Chamber Music Literature

MUHL 398 - Selected Studies in Music: Music History and Literature

MUHL 421 - Topic Studies in Ethnomusicology

MUHL 422 - Jazz History

MUHL 426 - American Music

MUHL 430 - Seminar in Music History and Literature

MUHL 431 - Music of Southeast Asia

MUHL 432 - Music of China

MUHL 433 - Choral Literature I

MUHL 434 - Choral Literature II

MUHL 435 - Organ Literature I

MUHL 436 - Organ Literature II

MUHL 437 - Piano Literature I

MUHL 438 - Piano Literature II

MUHL 439 - Guitar Literature

MUSC 99 - Recital Attendance

MUSC 390 - Internship in Music

MUSC 399A - Senior Recital

MUSC 399B - Senior Research Project or Composition

MUSE 315 - String Ensemble

MUSE 316 - Woodwind Ensemble

MUSE 317 - Brass Ensemble

MUSE 318 - Percussion Ensemble

MUSE 319 - Guitar Ensemble

MUSE 320 - Keyboard Ensemble

MUSE 321 - Mixed Ensemble

MUSE 322 - New Music Ensemble

MUSE 323 - Early Music Ensemble

MUSE 324 - Jazz Combo

MUSE 325 - Latin Jazz Ensemble

MUSE 330 - Wind Symphony

MUSE 331 - Wind Ensemble

MUSE 332 - All-University Band

MUSE 335 - Marching Band

MUSE 336 - Pep Band

MUSE 340 - Women's Chorus

MUSE 341 - Chamber Choir

MUSE 342 - University Chorus

MUSE 343 - Opera Theatre

MUSE 344 - Jazzvox

MUSE 345 - Concert Choir

MUSE 350 - Jazz Ensemble

MUSE 360 - NIU Philharmonic

MUSE 365 - Campus String Orchestra

MUSE 370 - Gamelan

MUSE 371 - African Ensemble

MUSE 372 - Steel Band

MUSE 373 - All University Steel Band

MUSE 374 - Tabla

MUSE 375 - Chinese Music Ensemble

MUSP 101 - Beginning Group Piano

MUSP 102 - Intermediate Group Piano

MUSP 103 - Advanced Group Piano

MUSP 105 - Level 1 Group Jazz Piano

MUSP 106 - Level 2 Group Jazz Piano

MUSP 107 - Guitar Skills I

MUSP 108 - Guitar Improvisation I

MUSP 110 - Piano Secondary

MUSP 111 - Organ: Secondary

MUSP 112 - Harpsichord: Secondary

MUSP 113 - Harp: Secondary

MUSP 114 - Voice: Secondary

MUSP 115 - Violin: Secondary

MUSP 116 - Viola: Secondary

MUSP 117 - Violoncello: Secondary

MUSP 118 - Contrabass: Secondary

MUSP 119 - Guitar: Secondary

MUSP 120 - Flute: Secondary

MUSP 121 - Oboe: Secondary

MUSP 122 - Clarinet: Secondary

MUSP 123 - Saxophone: Secondary

MUSP 124 - Bassoon: Secondary

MUSP 125 - Trumpet: Secondary

MUSP 126 - French Horn: Secondary

MUSP 127 - Trombone: Secondary

MUSP 128 - Tuba and Euphonium: Secondary

MUSP 129 - Percussion: Secondary

MUSP 130 - Steelpan: Secondary

MUSP 160 - Introduction to Jazz Studies

MUSP 203 - Aural Foundations of Improvisation I

MUSP 204 - Aural Foundations of Improvisation II

MUSP 205 - Diction for Singers I

MUSP 206 - Diction for Singers II

MUSP 207 - Guitar Skills II

MUSP 208 - Guitar Improvisation II

MUSP 210 - Piano: Primary

MUSP 211 - Organ: Primary

MUSP 212 - Harpsichord: Primary

MUSP 213 - Harp: Primary

MUSP 214 - Voice: Primary

MUSP 215 - Violin: Primary

MUSP 216 - Viola: Primary

MUSP 217 - Violoncello: Primary

MUSP 218 - Contrabass: Primary

MUSP 219 - Guitar: Primary

MUSP 220 - Flute: Primary

MUSP 221 - Oboe: Primary

MUSP 222 - Clarinet: Primary

MUSP 223 - Saxophone: Primary

MUSP 224 - Bassoon: Primary

MUSP 225 - Trumpet: Primary

MUSP 226 - French Horn: Primary

MUSP 227 - Trombone: Primary

MUSP 228 - Tuba and Euphonium: Primary

MUSP 229 - Percussion: Primary

MUSP 230 - Steelpan: Primary

MUSP 232 - Advanced Keyboard Skills

MUSP 310 - Piano: Primary

MUSP 311 - Organ: Primary

MUSP 312 - Harpsichord: Primary

MUSP 313 - Harp: Primary

MUSP 314 - Voice: Primary

MUSP 315 - Violin: Primary

MUSP 316 - Viola: Primary

MUSP 317 - Violoncello: Primary

MUSP 318 - Contrabass: Primary

MUSP 319 - Guitar: Primary

MUSP 320 - Flute: Primary

MUSP 321 - Oboe: Primary

MUSP 322 - Clarinet: Primary

MUSP 323 - Saxophone: Primary

MUSP 324 - Bassoon: Primary

MUSP 325 - Trumpet: Primary

MUSP 326 - French Horn: Primary

MUSP 327 - Trombone: Primary

MUSP 328 - Tuba and Euphonium: Primary

MUSP 329 - Percussion: Primary

MUSP 330 - Steelpan: Primary

MUSP 331 - Keyboard Jazz Improvisation

MUSP 332 - Jazz Improvisation I

MUSP 333 - Jazz Improvisation II

MUSP 335 - Conducting I

MUSP 336 - Conducting II: Instrumental

MUSP 337 - Conducting III: Choral

MUSP 339 - Accompanying

MUSP 340 - African Instruments

MUSP 341 - Caribbean Instruments

MUSP 342 - Renaissance and Baroque Instuments

MUSP 343 - Indian Instruments

MUSP 344 - Afro-Cuban Percussion

MUSP 345 - Survey of Orchestral Brass Music

MUSP 346 - Afro-Brazilian Percussion

MUSP 398 - Selected Studies in Music: Performance

MUSP 462 - Survey of the Music Industry

MUSP 463 - Arts Organizations in Music

MUTC 100 - Music Theory Fundamentals

MUTC 101 - Music Theory I

MUTC 102 - Music Theory II

MUTC 103 - Aural Skills I

MUTC 104 - Aural Skills II

MUTC 105 - Contemporary Aural Skills I

MUTC 200 - Composition: Secondary

MUTC 201 - Music Theory III

MUTC 202 - Music Theory IV

MUTC 203 - Aural Skills III

MUTC 204 - Aural Skills IV

MUTC 205 - Jazz Theory

MUTC 206 - Contemporary Music Theory

MUTC 207 - Contemporary Aural Skills II

MUTC 300 - Composition: Primary

MUTC 301 - Music Theory V

MUTC 302 - Introduction to Electronic and Computer Music I

MUTC 304 - Introduction to Electronic and Computer Music II

MUTC 305 - Orchestration

MUTC 307 - Wind and Percussion Scoring

MUTC 308 - Choral Arranging

MUTC 309 - Jazz Arranging I

MUTC 310 - Jazz Arranging II

MUTC 311 - Electronic and Computer Music III

MUTC 312 - Electronic and Computer Music IV

MUTC 313 - Software Synthesis and Digital Audio Processing

MUTC 314 - Audio, Video, and Networking for the Working Musician

MUTC 315 - Applied Editing Techniques

MUTC 316 - Aural Skills for the Audio Professional

MUTC 320 - Fundamentals of Studio Design

MUTC 323 - Applied Mixing Techniques

MUTC 324 - Live Sound Theory, Techniques, and Practicum

MUTC 325 - Songwriting

MUTC 398 - Selected Studies in Music: Music Theory

MUTC 400 - Recording Techniques

MUTC 401 - Advanced Digital Audio Workstations Operation

MUTC 402 - Music Theory Review

MUTC 403 - Applied Recording Techniques

MUTC 404 - Seminar in Music Theory and Composition

MUTC 412 - Development and Practice of Electronic Music

Theatre and Dance (THEA, TH-D)

Admission to the B.F.A. emphases in acting and in design and technology is limited. See "Limited Admissions and Limited Retention Requirements" in this catalog.

The School of Theatre and Dance offers undergraduate programs leading to the B.A. and B.F.A. degrees. Students interested in a comprehensive understanding of the components of theatre may select the B.A. in theatre studies and those interested in a specific area of theatre should consider the B.F.A. in theatre arts. The school is a member of the University/Resident Theatre Association, and its programs are accredited by the National Association of Schools of Theatre.

Requirements

Majors and Minors are required to attend all productions offered by the School of Theatre and Dance during any semester for which they are enrolled in a theatre and dance class.

Double Majors

Students are not permitted to pursue degrees concurrently in more than one degree program within the School of Theatre and Dance. With the exception of majors in dance performance, B.F.A. students are strongly discouraged from seeking a double major within a degree program outside theatre arts.

Theatre and Dance Faculty

Gibson A. Cima, Ph.D., University of Washington, assistant professor
Stanton Davis, M.F.A., University of Delaware, associate professor
David Doherty, B.F.A., Northern Illinois University, instructor

Frankie DiCiaccio, M.F.A. Harvard University, instructor
Jeremy Floyd, M.F.A., Northwestern University, associate professor
Paula Frasz, M.F.A., University of Illinois, professor
Alexander Gelman, M.F.A., Boston University, Distinguished Engagement professor
Rich Grund, B.F.A., Northern Illinois University, associate professor
Lori Hartenhoff, M.F.A., University of Wisconsin, professor
Chris Kurszewski, M.F.A., Northern Illinois University, instructor
Marc Macaranas, M.F.A. University of Iowa, assistant professor
Bethany Mangum, M.F.A Northern Illinois University, instructor
Kay Martinovich, Ph.D., University of Minnesota, associate professor
Tracy Nunnally, M.F.A., Florida State University, professor
Clare Richey-Kaplan, B.F.A., University of Wisconsin-Milwaukee, instructor
Sahin Sahinoglu, M.F.A., Northern Illinois University, professor
Robert Schneider, D.F.A., Yale University, associate professor
Emily Vitrano, M.F.A Northern Illinois University, instructor
Brandon Wardell, M.F.A., Northwestern University, associate professor

Majors

Dance Performance (B.F.A.)

Check departmental information for additional requirements.

Student Leaning Outcomes.

Requirements in School (71)

Theatre Arts Core (10)

- THEA 201 - The Aesthetics of Theatre Credits: 3
- THEA 210 - Introduction to Theatre and Dance Production Credits: 2
- THEA 210A - Introduction to Theatre and Dance Production: Laboratory Credits: 2
- THEA 238 - Stage Makeup Credits: 1
- THEA 295 - Theatre and Dance Production Practicum I Credits: 1
- THEA 366 - House Management and Publicity Credits: 1

And (22)

- TH-D 286 - Dance Improvisation Credits: 3
- TH-D 353 - Analysis of Dance Movement Credits: 3
- TH-D 377 - Dance Performance Credits: 1
  Students must take a minimum of 4 semester hours in this course.
- TH-D 420 - The Business of Dance Credits: 3
- TH-D 474 - Contemporary Topics in Dance Credits: 3
  Available for general education credit.
  TH-D 474 is a writing infused course.
  This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- TH-D 475 - History of Dance Credits: 3
  TH-D 475 is a writing infused course.
- THEA 110 - Fundamentals of Acting for the Non-Major Credits: 3

Course work from the following (22)

- TH-D 205 - Ballet I Credits: 1
- TH-D 206 - Modern Dance I Credits: 1
- TH-D 207 - Ballet II Credits: 1
- TH-D 208 - Modern Dance II Credits: 1
- TH-D 305 - Ballet III Credits: 1
- TH-D 306 - Modern Dance III Credits: 1
- TH-D 405 - Ballet IV Credits: 1
- TH-D 406 - Modern Dance IV Credits: 1

Course work from the following (17)

- TH-D 308 - Pointe I Credits: 1
- TH-D 320 - Tours and Allegro Credits: 1
- TH-D 330 - Musical Theatre Dance Credits: 2
- TH-D 361 - Jazz Technique Credits: 1
- TH-D 388 - Choreography I Credits: 2
- TH-D 408 - Pointe II Credits: 1
- TH-D 409 - Pas de Deux Credits: 1
- TH-D 477 - Special Studies in Dance Credits: 1
- TH-D 480 - Practicum in Dance Teaching Methodologies Credits: 3
- TH-D 488 - Choreography II Credits: 2
- TH-D 496 - Tutorial in Dance Credits: 1-3
- THEA 495 - Internship in Theatre Arts Credits: 1-9

Other Requirements (6)

Select from the following courses (3)

- ARTH 282 - Introduction to World Art Credits: 3
  Available for General Education Credit in the Creativity and Critical Analysis Knowledge Domain.
  This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- ARTH 292 - Introduction to Modern Arts and Design Credits: 3
  Available for General Education Credit in the Creativity and Critical Analysis Knowledge Domain.
  This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- ARTH 294 - Introduction to Arts of Asia Credits: 3

Available for General Education Credit in the Creativity and Critical Analysis Knowledge Domain.
This is a creativity and critical analysis general education course for the Global Connections Pathway.

Select from the following courses (3)

- MUHL 220 - Introduction to Western Musical Traditions Credits: 3
  Available for General Education Credit in the Creativity and Critical Analysis Knowledge Domain.
  This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- MUHL 221 - Introduction to Jazz Music Credits: 3
  Available for General Education Credit in the Creativity and Critical Analysis Knowledge Domain.
  This is a creativity and critical analysis general education course for the Creativity, Innovation, and Change Pathway.
- MUHL 222 - World Music and Culture Credits: 3
  Available for General Education Credit in the Creativity and Critical Analysis Knowledge Domain.
- MUHL 223 - History of Rock Credits: 3
  Available for General Education Credit in the Creativity and Critical Analysis Knowledge Domain.

Special requirements

Students in the B.F.A. dance performance major are required to audition each semester for performance opportunities.

B.F.A. dance majors are required to enroll in TH-D 377 - Dance Performance, every semester.

A proficiency review will be conducted each semester in the B.F.A. dance performance major for formal acceptance and/or retention in the degree program.

The dance division of the School of Theatre and Dance reserves the right to place on probation or to discontinue the B.F.A. dance performance major of any student who shows unsatisfactory progress as determined by the dance faculty.

TOTAL HOURS FOR DANCE PERFORMANCE MAJOR: 77

General Education Requirements (12-24)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-12)

- Writing Requirement (0-6)
- Oral Communication Requirement (0-3)
- Quantitative Literacy Requirements (0-3)

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domains (12)

Creativity and Critical Analysis (0)

- The program requirement THEA 474 and the program requirement that students choose from ARTH 282, ARTH 292 or ARTH 294, fulfill the requirements for this knowledge domain.

Nature and Technology (6)

- Two 3-credit courses selected from approved general education list. Nature and Technology Course List

Society and Culture (6)

- Two 3-credit courses selected from approved general education list. Society and Culture Course List

Knowledge Domain Elective (0)

- The program requirement that students choose from MUHL 220, MUHL 221, MUHL 222, or MUHL 223 fulfills the requirement for this knowledge domain.

Graduation Requirements (0-3)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (0-3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (0)

- TH-D 474 and TH-D 475, program requirements, fulfill the Writing Infused requirements for graduation.

Total Hours for General Education and Graduation Requirements: 12-27

Total hours for Electives: 16-31

Total Hours for a BFA Degree in Dance Performance: 120

Theatre Arts (B.F.A.)

A student pursuing a B.F.A. degree with a major in theatre arts must declare one of the following emphases.

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Theatre Arts Core (10)

- THEA 201 - The Aesthetics of Theatre Credits: 3
- THEA 210 - Introduction to Theatre and Dance Production Credits: 2
- THEA 210A - Introduction to Theatre and Dance Production: Laboratory Credits: 2
- THEA 238 - Stage Makeup Credits: 1
- THEA 295 - Theatre and Dance Production Practicum I Credits: 1
- THEA 366 - House Management and Publicity Credits: 1

Emphasis 1. Acting

Requirements in School (80)

- Theatre Arts Core (see above) (10)
- TH-D 205 - Ballet I Credits: 1
- TH-D 206 - Modern Dance I Credits: 1
- THEA 200 - Script Analysis Credits: 3
- THEA 211 - Movement for the Stage I Credits: 2
- THEA 214 - Introduction to Performance Credits: 3
- THEA 217 - First Year Actors' Showcase Credits: 1
- THEA 308 - Acting Technique Credits: 3
- THEA 309 - Voice for the Actor Credits: 2
- THEA 310 - Acting Technique: Emotional Preparation Credits: 3
- THEA 311 - Movement for the Stage II Credits: 2
- THEA 312 - Directing I Credits: 3
- OR THEA 412 - Directing II Credits: 3
- THEA 329 - Advanced Voice for the Actor Credits: 2
- THEA 370 - History of Theatre and Drama I Credits: 3 *Available for General Education Credit in the Creativity and Critical Analysis Knowledge Domain. THEA 370 is a writing infused course. This is a creativity and critical analysis general education course for the Origins and Influences Pathway.*
- THEA 371 - History of Theatre and Drama II Credits: 3 *THEA 371 is a writing infused course.*
- THEA 377 - Theatre Performance Practicum Credits: 1-3 Students must take this course a minimum of 3 times for a minimum of 3 semester hours.
- THEA 406 - Physicality and Rhetoric for Heightened Language Credits: 2
- THEA 407 - Period Style for Actors: Scene Study Credits: 3
- THEA 408 - Verse Drama Credits: 3
- THEA 409 - Speech for the Actor Credits: 2
- THEA 410 - Acting Styles: Clarity and Character Credits: 3
- THEA 411 - Movement for the Stage III Credits: 2
- THEA 414 - Actor's Process Integration Credits: 2
- THEA 415 - Period Style for Actors: Physicality Credits: 2
- THEA 416 - Acting On-Camera I Credits: 3
- THEA 418 - Acting On-Camera II: Reel Production Credits: 3
- THEA 429 - Advanced Speech for the Actor Credits: 2
- THEA 463 - Professional Development for the Actor Credits: 3
- THEA 466 - The Business of Theatre Credits: 1-3 Students must take 3 semester hours in this course.
- Electives by advisement (2)

Special Requirements

An audition and an interview are required for the student's preliminary admission to the BFA Acting Program. For the audition, the student will prepare two contrasting monologues not to exceed three minutes total. If the student desires to sing, the student can prepare 16 bars unaccompanied. After the audition, the student should expect to be interviewed and possibly coached on their monologues. This process should take 15-25-minutes. The student needs to bring an 8x10 headshot and an industry standard acting resume to the audition.

The BFA Acting Program curriculum is concentrated, specific, and requires eight semesters for completion. Transfer students begin the BFA Acting Program as first year students. These students should meet with the School's Undergraduate Advisor.

All students are required, in consultation with the Acting faculty, to complete a professional internship in the performing arts or an approved independent study project.

Retention in the BFA Acting Program is based on the student's continuing satisfactory progress. This determination will be made by the Acting faculty in consultation with other faculty members. Criteria for satisfactory continuance is based on the following:

- Maintaining a "C" (2.00 GPA) average or higher in all performance classes
- Maintaining professional conduct (as defined in the BFA Acting Handbook) in the classroom and rehearsal space, during performance, in all shops, and at any School of Theatre and Dance event
- Maintaining the minimum accepted academic standing in the University (2.00 GPA or above)

Any BFA acting student with a letter grade of D or lower in a theatre course may be placed on probation within the program. Probation may include casting restriction. The student will be given guidelines and a specific timeline to improve standing and be removed from probation. At the

conclusion of the probationary period, the BFA Performance Faculty will evaluate the student's academic performance and determine whether the student remains in the degree program.

Total Hours for Emphasis 1, Acting: 80

General Education Requirements (18-30)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-12)

- Writing Requirement (0-6)
- Oral Communication Requirement (0-3)
- Quantitative Literacy Requirements (0-3)

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domains (18)

Creativity and Critical Analysis (3)

- One 3-credit courses selected from approved general education list. Creativity and Critical Analysis Course List
- THEA 370, an Emphasis Requirement, fulfills one of the course requirements in the Creativity and Critical Analysis Domain.

Nature and Technology (6)

- Two 3-credit courses selected from approved general education list. Nature and Technology Course List

Society and Culture (6)

- Two 3-credit courses selected from approved general education list. Society and Culture Course List

Knowledge Domain Elective (3)

- One additional 3-credit course selected from any Knowledge Domain.

Graduation Requirements (0-3)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (0-3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (0)

- THEA 370 and THEA 371 emphasis requirements, fulfill the Writing Infused requirements for graduation.

Total Hours For General Education and Graduation Requirements: 18-33

Total Hours for Electives: 7-22

Total Hours for a BFA Degree in Theatre Arts, Emphasis 1, Acting: 120

Emphasis 2. Design and Technology

Requirements in School (81)

- Theatre Arts Core (see above) (10)
- THEA 110 - Fundamentals of Acting for the Non-Major Credits: 3
- THEA 200 - Script Analysis Credits: 3
- THEA 220 - Introduction to Design Credits: 3
- THEA 235 - Costume Technology I Credits: 3
- THEA 235A - Costume Technology I: Laboratory Credits: 1
- THEA 241 - Lighting Technology I Credits: 3
- THEA 241A - Lighting Technology I: Laboratory Credits: 1
- THEA 255 - Scenic Technology I Credits: 3
- THEA 255A - Scenic Technology I: Laboratory Credits: 1
- THEA 312 - Directing I Credits: 3
- OR THEA 412 - Directing II Credits: 3
- THEA 362 - Portfolio Development I Credits: 2
- THEA 370 - History of Theatre and Drama I Credits: 3
  Available for General Education Credit in the Creativity and Critical Analysis Knowledge Domain.
  THEA 370 is a writing infused course.
  This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- THEA 371 - History of Theatre and Drama II Credits: 3
  THEA 371 is a writing infused course.
- THEA 395 - Theatre and Dance Production Practicum II Credits: 1-5
  Students must take this course a minimum of 3 times for a minimum of 3 semester hours.
- THEA 452 - Drawing for the Theatre Credits: 3
- THEA 462 - Portfolio Development II Credits: 2
- THEA 466 - The Business of Theatre Credits: 1-3
  Students must take 1 semester hour in this course.

- THEA 478 - Period Style for the Theatre I Credits: 3
- THEA 479 - Period Style for the Theatre II Credits: 3

Two of the following (6)

- THEA 320 - Theatre Design II: Costumes Credits: 3
- THEA 321 - Theatre Design III: Scenery Credits: 3
- THEA 322 - Theatre Design IV: Lighting Credits: 3

Two of the following (6)

- THEA 335 - Costume Technology II Credits: 3
- THEA 338 - Advanced Makeup Techniques Credits: 3
- THEA 341 - Lighting Technology II Credits: 3
- THEA 347 - Theatrical Props Design and Management I Credits: 3
- THEA 355 - Scenic Technology II Credits: 3

Two of the following (6)

- THEA 420 - Theatre Design V Credits: 3
- THEA 435 - Pattern Development Credits: 3
- THEA 436 - Millinery and Accessories Credits: 3
- THEA 437 - Dyeing and Fabric Modification for the Theatre Credits: 3
- THEA 449 - Design and Technology Credits: 3
- THEA 450 - Advanced Drafting Credits: 3
- THEA 451 - Electronic Visualization Credits: 3
- THEA 453 - Rendering Techniques Credits: 3
- THEA 455 - Scene Painting Credits: 3
- THEA 456 - Rigging for the Performing Arts Credits: 3
- THEA 457 - Automation and Stage Machinery Credits: 3
- THEA 458 - Structural Design for the Stage Credits: 3
- THEA 460 - Vectorworks Drafting Credits: 3
- THEA 461 - Light Board Programming and Automated Fixtures Credits: 3

Electives in 300- and 400-level theatre courses (6)

Special Requirements

An interview is required for preliminary admission to the B.F.A. emphasis in design and technology. Portfolio reviews are required for retention in the design and technology emphasis. Reviews will be held each spring semester to monitor the progress of the student. Formal acceptance to the B.F.A. emphasis in design and technology must be completed before the end of the second semester of the sophomore year.

The school also reserves the right to require a portfolio examination if there is doubt about acceptance of transfer credits (in lieu of particular courses in the major area).

Total Hours for Emphasis 2, Design and Technology: 81

General Education Requirements (18-30)

In addition to completing the above major requirements students must complete the remaining general education requirements. If major requirements fulfill any of the general education requirements, they are listed below and subtracted from the general education credit requirements.

The required minimum of 21 semester hours in Knowledge Domain studies cannot include more than two courses in any one department. (A course with an affiliated laboratory course shall be counted as a single course.)

Foundational Studies (0-12)

- Writing Requirement (0-6)
- Oral Communication Requirement (0-3)
- Quantitative Literacy Requirements (0-3)

For additional information about these requirements, please visit Foundational Studies.

Knowledge Domains (18)

Creativity and Critical Analysis (3)

- One 3-credit courses selected from approved general education list. Creativity and Critical Analysis Course List
- THEA 370, an emphasis requirement, fulfills one of the course requirements in the Creativity and Critical Analysis knowledge domain.

Nature and Technology (6)

- Two 3-credit courses selected from approved general education list. Nature and Technology Course List

Society and Culture (6)

- Two 3-credit courses selected from approved general education list. Society and Culture Course List

Knowledge Domain Elective (3)

- One additional 3-credit course selected from any Knowledge Domain.

Graduation Requirements (0-3)

In addition to completing the above major requirements students must complete the remaining graduation requirements. If major requirements fulfill any of the graduation requirements, they are listed below and subtracted from the graduation credit requirements.

Human Diversity Requirement (0-3)

- One course from the approved Human Diversity course list; may be fulfilled by extracurricular activities. Human Diversity Course List

Writing Infused Requirements (0)

- THEA 370 and THEA 371 emphasis requirements, fulfill the Writing Infused requirements for graduation.

Total Hours for General Education and Graduation Requirements: 18-33

Total Hours for Electives: 6-21

Total Hours for a BFA Dgree in Theatre Arts, Emphasis 2: Design and Technology: (120)

Theatre Studies (B.A.)

The student learning outcomes for this degree are located at http://www.niu.edu/assessment/clearinghouse/outcomes/index.shtml.

Check departmental information for any additional requirements.

Requirements in School (50)

Theatre Arts Core (10)

- THEA 201 - The Aesthetics of Theatre Credits: 3
- THEA 210 - Introduction to Theatre and Dance Production Credits: 2
- THEA 210A - Introduction to Theatre and Dance Production: Laboratory Credits: 2
- THEA 238 - Stage Makeup Credits: 1
- THEA 295 - Theatre and Dance Production Practicum I Credits: 1
- THEA 366 - House Management and Publicity Credits: 1

And (23)

- THEA 200 - Script Analysis Credits: 3
- THEA 214 - Introduction to Performance Credits: 3
- THEA 220 - Introduction to Design Credits: 3
- THEA 312 - Directing I Credits: 3
- OR THEA 412 - Directing II Credits: 3
- THEA 370 - History of Theatre and Drama I Credits: 3
  Available for general education credit. THEA 370 is a writing infused course. This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- THEA 371 - History of Theatre and Drama II Credits: 3
  THEA 371 is a writing infused course.
- THEA 466 - The Business of Theatre Credits: 1-3
  Students must take this course for 2 semester hours.
- THEA 492 - Senior Capstone Project Credits: 1-3
  Students must take this course for a total of 3 semester hours.

Course work from the following (17)

- THEA 377 - Theatre Performance Practicum Credits: 1-3
  Students must take this course for a minimum of 1 hour.
- THEA 395 - Theatre and Dance Production Practicum II Credits: 1-5
  Students must take this course for a minimum of 1 hour.
- Electives by advisement (9-15)

Requirements outside School (0-12)

- Fulfillment of B.A. foreign language requirement (0-12) (See “Foreign Language Requirement for the B.A. Degree” in the Other Graduation Requirements section of this catalog.)

Special Requirements

At the end of each academic year, candidates for the B.A. degree will complete an end of year review with the B.A. Committee. Once the candidate has achieved the academic rank of junior, they shall present a senior capstone project topic during their end of year review. Once the B.A. candidate has achieved the academic rank of senior, they shall complete a senior capstone project and present their work before the B.A. Committee. Students are required to maintain a minimum overall 2.00 GPA, and maintain a minimum 2.75 GPA in all theatre courses.

Total Hours for a Major in Theatre Studies (B.A.): 50-62

Minor

Minor in Dance Performance (22)

Declaration of this minor by theatre arts majors, with the exception of B.F.A. majors in the emphasis in dance performance, is permitted.

Check departmental information for any additional requirements.

Requirements (22)

- TH-D 377 - Dance Performance Credits: 1
  Students must take this course for 2 semester hours.
- TH-D 475 - History of Dance Credits: 3

Course work from the following (10)

- TH-D 205 - Ballet I Credits: 1
- TH-D 206 - Modern Dance I Credits: 1
- TH-D 207 - Ballet II Credits: 1
- TH-D 208 - Modern Dance II Credits: 1
- TH-D 305 - Ballet III Credits: 1
- TH-D 306 - Modern Dance III Credits: 1
- TH-D 405 - Ballet IV Credits: 1
- TH-D 406 - Modern Dance IV Credits: 1

Course work from the following (7)

- TH-D 286 - Dance Improvisation Credits: 3
- TH-D 308 - Pointe I Credits: 1
- TH-D 320 - Tours and Allegro Credits: 1
- TH-D 330 - Musical Theatre Dance Credits: 2
- TH-D 361 - Jazz Technique Credits: 1
- TH-D 388 - Choreography I Credits: 2
- TH-D 408 - Pointe II Credits: 1
- TH-D 409 - Pas de Deux Credits: 1
- TH-D 477 - Special Studies in Dance Credits: 1
- TH-D 480 - Practicum in Dance Teaching Methodologies Credits: 3
- TH-D 496 - Tutorial in Dance Credits: 1-3

Minor in Theatre Studies (22)

Check departmental information for additional requirements.

Requirements

- THEA 110 - Fundamentals of Acting for the Non-Major Credits: 3
- THEA 200 - Script Analysis Credits: 3
- THEA 201 - The Aesthetics of Theatre Credits: 3
- OR THEA 203 - Introduction to Theatre Credits: 3
- THEA 210 - Introduction to Theatre and Dance Production Credits: 2
- THEA 210A - Introduction to Theatre and Dance Production: Laboratory Credits: 2
- THEA 238 - Stage Makeup Credits: 1
- THEA 295 - Theatre and Dance Production Practicum I Credits: 1

One of the following (1)

- THEA 395 - Theatre and Dance Production Practicum II Credits: 1-5
- OR THEA 377 - Theatre Performance Practicum Credits: 1-3

One of the following (3)

- THEA 370 - History of Theatre and Drama I Credits: 3
  Available for general education credit.
  THEA 370 is a writing infused course.
  This is a creativity and critical analysis general education course for the Origins and Influences Pathway.
- THEA 371 - History of Theatre and Drama II Credits: 3
  THEA 371 is a writing infused course.
- THEA 475 - Contemporary Theatre Credits: 3

Electives in Theatre Arts (3)

- THEA 214 - Introduction to Performance Credits: 3
- THEA 215 - Fundamentals of Storytelling Credits: 3
- THEA 216 - Acting I: Performing Skills Credits: 3
- THEA 220 - Introduction to Design Credits: 3
- THEA 313 - Stage Management Credits: 3
- THEA 466 - The Business of Theatre Credits: 1-3
  Students must take this course for 2 semester hours.
- THEA 481 - Playwriting I Credits: 3
- THEA 491 - Topics in Theatrical Performance Credits: 1-12

List of courses

TH-D 205 - Ballet I

TH-D 206 - Modern Dance I

TH-D 207 - Ballet II

TH-D 208 - Modern Dance II

TH-D 222 - Dance and the Fine Arts

TH-D 286 - Dance Improvisation

TH-D 287 - Composition I

TH-D 305 - Ballet III

TH-D 306 - Modern Dance III

TH-D 308 - Pointe I

TH-D 320 - Tours and Allegro

TH-D 330 - Musical Theatre Dance

TH-D 353 - Analysis of Dance Movement

TH-D 361 - Jazz Technique

TH-D 377 - Dance Performance

TH-D 388 - Choreography I

TH-D 405 - Ballet IV

TH-D 406 - Modern Dance IV

TH-D 408 - Pointe II

TH-D 409 - Pas de Deux

TH-D 420 - The Business of Dance

TH-D 474 - Contemporary Topics in Dance

TH-D 475 - History of Dance

TH-D 477 - Special Studies in Dance

TH-D 480 - Practicum in Dance Teaching Methodologies

TH-D 488 - Choreography II

TH-D 496 - Tutorial in Dance

THEA 110 - Fundamentals of Acting for the Non-Major

THEA 200 - Script Analysis

THEA 201 - The Aesthetics of Theatre

THEA 203 - Introduction to Theatre

THEA 210 - Introduction to Theatre and Dance Production

THEA 210A - Introduction to Theatre and Dance Production: Laboratory

THEA 211 - Movement for the Stage I

THEA 214 - Introduction to Performance

THEA 215 - Fundamentals of Storytelling

THEA 216 - Acting I: Performing Skills

THEA 217 - First Year Actors' Showcase

THEA 220 - Introduction to Design

THEA 235 - Costume Technology I

THEA 235A - Costume Technology I: Laboratory

THEA 238 - Stage Makeup

THEA 241 - Lighting Technology I

THEA 241A - Lighting Technology I: Laboratory

THEA 249 - Drafting for the Theatre

THEA 255 - Scenic Technology I

THEA 255A - Scenic Technology I: Laboratory

THEA 295 - Theatre and Dance Production Practicum I

THEA 308 - Acting Technique

THEA 309 - Voice for the Actor

THEA 310 - Acting Technique: Emotional Preparation

THEA 311 - Movement for the Stage II

THEA 312 - Directing I

THEA 313 - Stage Management

THEA 316 - Acting II: Technique Development

THEA 320 - Theatre Design II: Costumes

THEA 321 - Theatre Design III: Scenery

THEA 322 - Theatre Design IV: Lighting

THEA 329 - Advanced Voice for the Actor

THEA 335 - Costume Technology II

THEA 338 - Advanced Makeup Techniques

THEA 341 - Lighting Technology II

THEA 347 - Theatrical Props Design and Management I

THEA 355 - Scenic Technology II

THEA 362 - Portfolio Development I

THEA 366 - House Management and Publicity

THEA 370 - History of Theatre and Drama I

THEA 371 - History of Theatre and Drama II

THEA 377 - Theatre Performance Practicum

THEA 379 - Perspectives on Creativity

THEA 381 - Theatrical Theory and Criticism

THEA 382 - Shakespeare in Pixels

THEA 395 - Theatre and Dance Production Practicum II

THEA 396 - Performing Arts Practicum

THEA 404 - Stage Combat

THEA 406 - Physicality and Rhetoric for Heightened Language

THEA 407 - Period Style for Actors: Scene Study

THEA 408 - Verse Drama

THEA 409 - Speech for the Actor

THEA 410 - Acting Styles: Clarity and Character

THEA 411 - Movement for the Stage III

THEA 412 - Directing II

THEA 414 - Actor's Process Integration

THEA 415 - Period Style for Actors: Physicality

THEA 416 - Acting On-Camera I

THEA 418 - Acting On-Camera II: Reel Production

THEA 419 - Performance

THEA 420 - Theatre Design V

THEA 429 - Advanced Speech for the Actor

THEA 435 - Pattern Development

THEA 436 - Millinery and Accessories

THEA 437 - Dyeing and Fabric Modification for the Theatre

THEA 449 - Design and Technology

THEA 450 - Advanced Drafting

THEA 451 - Electronic Visualization

THEA 452 - Drawing for the Theatre

THEA 453 - Rendering Techniques

THEA 455 - Scene Painting

THEA 456 - Rigging for the Performing Arts

THEA 457 - Automation and Stage Machinery

THEA 458 - Structural Design for the Stage

THEA 460 - Vectorworks Drafting

THEA 461 - Light Board Programming and Automated Fixtures

THEA 462 - Portfolio Development II

THEA 463 - Professional Development for the Actor

THEA 466 - The Business of Theatre

THEA 475 - Contemporary Theatre

THEA 476 - Theatre History

THEA 477 - African American Theatre

THEA 478 - Period Style for the Theatre I

THEA 479 - Period Style for the Theatre II

THEA 480 - Studies in American Theatre History

THEA 481 - Playwriting I

THEA 482 - Playwriting Studio

THEA 483 - Intercultural Performance: Colonialism, Post-Colonialism, and the Global Theatre

THEA 490 - Summer Repertory Practicum

THEA 491 - Topics in Theatrical Performance

THEA 492 - Senior Capstone Project

THEA 495 - Internship in Theatre Arts

THEA 497 - Tutorial in Theatre

THEA 498H - Honors Tutorial in Theatre

Inter-College Interdisciplinary Programs

Certificate of Undergraduate Study

Adolescence (12)

This interdisciplinary certificate is intended to provide broad background in the area of adolescence and is offered through Northern Illinois University's Collaborative on Early Adolescence (NIU-CEA). The certificate is designed to complement undergraduate course work in a variety of majors. It is open to all NIU undergraduates who maintain a good academic standing in the university. A minimum grade of C in all certificate courses is required. All certificate courses must be completed within six calendar years. Students must complete a minimum of 12 semester hours. Courses must be taken in at least two departments. Some courses may have prerequisites that are not part of the certificate course work. In some cases, these prerequisites can be waived by the department offering the course for students pursuing the certificate. With the approval of the major department, courses used to satisfy requirements of the certificate may also be applied toward an undergraduate major. Students are encouraged to meet with the Director of the Collaborative on Early Adolescence early in planning their coursework for the certificate.

One of the following core courses (3)

- EPS 307 - Development of the Adolescent Credits: 3
  Available for general education credit.
  This is a society and culture general education course for Learning Pathway.
  - OR EPS 406 - Issues in Human Development and Learning in the Middle School and High School Years Credits: 3
  - OR PSYC 424 - Adolescent Development Credits: 3

Additional Courses (9)

At least one course selected from each of the following groups:

Group One

- EPS 307 - Development of the Adolescent Credits: 3
  May be counted toward Group One if not used for the core. Available for general education credit. This is a society and culture general education course for Learning Pathway.
- EPS 406 - Issues in Human Development and Learning in the Middle School and High School Years Credits: 3
  May be counted toward Group One if not used for the core.
- EPS 419 - The Middle School Child Credits: 3
- LTLA 363 - Young Adult Literature in a Multicultural Society Credits: 3
- PHHE 404 - Drugs in Society Credits: 3
- PHHE 406 - Dimensions of Human Sexuality Credits: 3
- PHHE 408 - Mental and Emotional Health Credits: 3
- PSYC 424 - Adolescent Development Credits: 3 May be counted toward Group One if not used for the core.
- SOCI 488 - Juvenile Delinquency Credits: 3 SOCI 488 is a writing infused course.
- TLCI 422 - Middle School Organization and Instruction Credits: 3
- WGSS 332 - Growing Up Girl Credits: 3 WGSS 332 also fulfills the Human Diversity Requirement.

Group Two

The following courses may be counted toward the certificate when topic is appropriate.

- EPS 492 - Special Topics in Educational Psychology Credits: 1-3 Students must take this course for 3 semester hours.
- HDFS 489 - Topical Issues in Human Development and Family Sciences Credits: 3
- PSYC 495 - Seminar in Special Topics Credits: 3
- WGSS 430 - Special Topics in Women's and Gender Studies Credits: 3

Applied Ethics (12)

Coordinator: Jason Hanna, Department of Philosophy

This certificate offers a coherent set of courses designed to enhance students' knowledge of ethical theories and principles and develop an expertise in applying ethical knowledge in their professional and personal lives. The required course examines the principal ethical theories in Western thought. The electives examine ethical concerns specific to a variety of disciplines-business, engineering, health sciences, humanities, and social sciences.

The certificate of undergraduate study in applied ethics is open to all students admitted to NIU. Students must maintain good academic standing within the university, achieve a minimum grade of C in each course applied toward the certificate, and complete all certificate work within a period of six calendar years. All course requirements for the certificate must be completed at NIU. Some courses may have prerequisites that are not part of the certificate curriculum. Students are strongly encouraged to take PHIL 331, Ethics, early in the certificate curriculum. Students pursuing the certificate should meet with the coordinator for the certificate of undergraduate study in applied ethics early in their career.

Requirements (12)

- PHIL 331 - Ethics Credits: 3

Three of the following (9)

- COMS 403 - Freedom of Speech and Communication Ethics Credits: 3
- COMS 455 - Media Law and Ethics Credits: 3
- COMS 481 - Communication Ethics in Organizations Credits: 3
- ENVS 303 - Environment in the Social Sciences and Humanities Credits: 3
- HSCI 410 - Legal and Ethical Issues for Health and Human Sciences Professionals Credits: 3
- JOUR 480 - Journalism Law and Regulation Credits: 3
- PHHE 435 - Ethical Decision Making for Health Professionals Credits: 3
- PHIL 334 - Animal Ethics Credits: 3
- PHIL 335 - Environmental Ethics Credits: 3
- PHIL 336 - Biomedical Ethics Credits: 3
  Available for general education credit.
- PHIL 337 - Business Ethics Credits: 3
- PHIL 338 - Philosophy of Food Credits: 3
- PHIL 353 - Philosophy of Law Credits: 3
- PHIL 390 - Topics in Philosophy Credits: 3 Subject to approval of certificate coordinators, provided that the topic primarily covers applied ethics.
- PHIL 430 - Topics in Ethics Credits: 3 Subject to approval of certificate coordinators, provided that the topic primarily covers applied ethics.
- POLS 359 - War, Empire, and Ethics Credits: 3
- PSPA 411 - The Ethical Public Administrator Credits: 3
- TECH 401 - Ethics in Technology Credits: 3

Homeland Security (18-21)

This certificate offers a set of courses designed to enhance students' knowledge of several aspects of homeland security including origins of terrorism; disaster preparation; disaster response, recovery, and follow-up. The certificate prepares students to develop and implement systems for homeland security planning and management at the local, state, and federal levels. They will be able to identify hazards due to human-made and natural disasters; advise public and private organizations of best-practice risk management preparation, response, and recovery strategies; and use appropriate technologies. They will have an understanding of the conditions that may lead to terrorist activity as well as how to prepare for and deal with human-made and natural disasters.

The certificate of undergraduate study in homeland security is open to all students admitted to NIU. Students must maintain good academic standing, achieve a minimum grade of C in each course applied toward the certificate, and complete all certificate work within a period of six calendar years. All course requirements for the certificate must be completed at NIU. Some courses may have prerequisites that are not part of the certificate curriculum. Students are strongly encouraged to complete the core courses early in the certificate curriculum. Students pursuing the certificate of undergraduate studies in homeland security should meet with the certificate coordinator early in their career.

Core Courses (7)

6 semester hours in the following.

- GEOG 451 - Political Geography Credits: 3
  - OR POLS 386 - Global Terrorism Credits: 3
    - AND TECH 432 - Disaster Preparedness Credits: 3
  - OR UNIV 310X - Foundations in Homeland Security and Disaster Preparedness Credits: 3

Plus one semester hour of the following

Students take one of the following courses for 1 semester hour.

- IEET 490 - Topics in Engineering and Engineering Technology Credits: 1-3
- UHHS 301 - Independent Study in Health and Human Sciences Credits: 1-3
- ILAS 440 - Independent Study Credits: 1-3
- TECH 398 - Individual Problems in Technology Credits: 1-6

Biochemical Sciences Track (11-14)

Coordinators: Jozef Bujarski, Department of Biology;Victor Ryzhov, Department of Chemistry and Biochemistry

Three of the following (9-11)

- Elective course chosen with approval of certificate coordinator (3)
- BIOS 313 - Microbiology Credits: 4
- BIOS 423 - Principles of Virology Credits: 3
- CHEM 425 - Analytical Chemistry II Credits: 4
- CHEM 472 - Biological Chemistry I Credits: 3
- CHEM 473 - Biological Chemistry II Credits: 3

One of the following (2-3)

- Elective course chosen with approval of certificate coordinator (3)
- AHLS 336 - Medical Diagnostic Microbiology Credits: 3
- HSCI 450 - Administration for Professionals in Health and Human Sciences Credits: 3
- POLS 320 - Biopolitics and Human Nature Credits: 3
- POLS 322 - Politics and the Life Sciences Credits: 3

Emergency Management and Response Track (12)

Coordinator: Theodore Hogan, Department of Technology

Four of the following (12)

- Elective course chosen with approval of certificate coordinator (3-6)
- CSCI 350 - Computer Security Basics Credits: 3
- ISYE 475 - Decision Analysis for Engineering Credits: 3
- TECH 231 - Introduction to Workplace Health and Safety Credits: 3
- TECH 433 - Chemical Hazards in Industry Credits: 3
- TECH 436 - Design and Administration of Environmental Health and Safety Programs Credits: 3
- TECH 437 - Fundamentals of Industrial Hygiene Credits: 3
- TECH 440 - Monitoring and Evaluating Exposures to Hazardous Materials Credits: 3
- TECH 441 - Hazard Control in Industrial Operations Credits: 3
- TECH 485 - Risk Management Credits: 3

Environmental and Hazards Risk Assessment Track (12)

Coordinators: Wei Luo, Department of Geographic and Atmospheric Sciences; Alan Polansky, Department of Mathematical Sciences

- STAT 300 - Introduction to Probability and Statistics Credits: 3

Three of the following (9)

- Elective course chosen with approval of certificate coordinator (3-6)
- CSCI 350 - Computer Security Basics Credits: 3
- GEOG 359 - Introduction to Geographic Information Systems Credits: 3
- GEOG 406 - Natural Hazards and Environmental Risk Credits: 3
- GEOG 459 - Geographic Information Systems Credits: 3
- STAT 400 - Introduction to Probability Theory Credits: 3
    - OR ACSC 400X - Introduction to Probability Theory Credits: 3

Health Sciences Track (11)

Coordinator: Dr. Michael Kushnick, College of Health and Health Sciences

Four of the following (11)

- Elective course chosen with approval of certificate coordinator (3-6)
- AHLS 336 - Medical Diagnostic Microbiology Credits: 3
- COUN 493 - Crisis Intervention in the Helping Professions Credits: 3
- GEOG 306 - Severe and Hazardous Weather Credits: 3
- GEOG 406 - Natural Hazards and Environmental Risk Credits: 3
- HSCI 430 - Working with Diverse Populations in Health and Human Sciences Credits: 3 HSCI 430 also fulfills the Human Diversity Requirement.
- HSCI 450 - Administration for Professionals in Health and Human Sciences Credits: 3
- PHHE 315 - Introduction to Health Promotion Credits: 3 Available for general education credit. This is a society and culture general education course for the Health and Wellness Pathway.
- PHHE 325 - Biostatistical Applications in Public Health Credits: 3
- PHHE 351 - Elements of Environmental Health Credits: 3
- PHHE 455 - Public Health Epidemiology Credits: 3
- PHHE 467 - Public Health Research and Evaluation Credits: 3 PHHE 467 is a Writing Infused course.
    - OR HSCI 460 - Research in Health and Human Sciences Credits: 3 HSCI 460 is a writing infused course
- PHHE 469 - Principles of Health Planning Credits: 3 PHHE 469 is a Writing Infused course.
- TECH 231 - Introduction to Workplace Health and Safety Credits: 3

Inter-College and University-Wide Interdisciplinary Courses

See college sections for interdisciplinary courses offered by individual colleges.

General

- IDSP 290 - Drama Into Film Credits: 3
- IDSP 291 - Art and Literature in the Ancient World Credits: 3
- UNIV 101 - University Experience Credits: 1
- UNIV 105 - Introduction to Library and Information Research Credits: 1
- UNIV 201 - The Transfer Experience Credits: 1
- UNIV 301 - Leadership and Career Accelerator Credits: 3
- UNIV 310X - Foundations in Homeland Security and Disaster Preparedness Credits: 3
- HON 310 - Honors Seminar Credits: 3
- HON 300 - Honors Seminar with General Education Domains Credits: 3
- HON 400 - Honors Seminar: General Education Domains & Writing Infused Credits: 3
- HON 410 - Honors Seminar: General Education Domains & Human Diversity Credits: 3
- HON 420 - Honors Seminar: General Education Domains, Writing Infused, & Human Diversity Credits: 3

Black Studies

- BKST 200 - Racism in American Culture and Society Credits: 3
- BKST 202 - Issues Facing African-American Students Credits: 3
- BKST 211 - Educating African Americans Credits: 3
- BKST 219 - Introduction to African Studies Credits: 3
- BKST 250X - Dismantling Global Racism Credits: 3
- BKST 300 - Foundations of Black Studies Credits: 3
- BKST 302 - Topics in Black Studies Credits: 3
- BKST 312 - Social Philosophy of Hip Hop Culture Credits: 3
- BKST 316 - African-American Critical Thought Credits: 3
- BKST 350 - Black Economics Credits: 3
- BKST 402 - The Africana Woman Credits: 3
- BKST 404X - Peoples and Cultures of the Caribbean Credits: 3
- BKST 405 - Contemporary Issues of Black Men Credits: 3
- BKST 410 - Psychology of African American Experience Credits: 3
- BKST 420 - Black Religion in America Credits: 3
- BKST 440 - Black Liberation Movements Credits: 3
- BKST 445 - Independent Study in Black Studies Credits: 1-3
- BKST 493 - Afrocentricity Credits: 3

Environmental Management Systems

- IDSP 441 - Environmental Management Systems Credits: 3
- IDSP 442 - Proseminar/Internship in Environmental Management Systems Credits: 3

Gerontology

- HDFS 465 - Theories and Issues in Aging Studies Credits: 3

Medieval Studies

- MDST 225 - Medieval Society and Culture Credits: 3
- MDST 425 - Seminar in Medieval Studies Credits: 3

Office of Educator Licensure and Preparation

- OELP 201 - Introduction to the EdTPA Credits: 1
- OELP 401 - Preparing for the EdTPA Credits: 1

Study Abroad

- IDSP 301 - Study Abroad Programs Credits: 1-9
- IDSP 401 - Study Abroad Programs Credits: 1-9

Other Academic Units

Center for Black Studies

Director: Anne Edwards, M.B.A.

The Center for Black Studies is an academic and research center that offers interdisciplinary undergraduate courses relating to the African-American and African experience. The center also collects and analyzes data on all aspects of minority experiences. In addition the center seeks to stimulate students' professional and career interests. Toward this end it encourages a number of minority student professional organizations.

Students should contact the Director, Anne Edwards, M.B.A., of the Center for Black Studies for information about student organizations and cultural events sponsored by the center. Students should contact the Associate Director for Academic Affairs, Joseph Flynn, Ph.D., for current course offerings.

No active programs available.

Center for Burma Studies

Director: Catherine Raymond, Ph.D.

The Center for Burma Studies was established in 1986 as a repository for multivarious materials on Burma (Myanmar). Included in the collection are an extensive library, the Burma art collection, and various bequests including large and selective private collections of Birmanica that include rare translations, manuscripts, and objects of art.

All accessioned articles and books are available for scholarly research, subject to the usual conditions.

The center works in coordination with the Center for Southeast Asian Studies in assisting those students who wish to include Burma studies as part of the minor in Southeast Asian studies. There are 28 courses taught at NIU with significant content on Burma.

For more information visit the website at www.niu.edu/burma.

Center for Latino and Latin American Studies

Director: Christina D. Abreu, Ph.D.

The Center for Latino and Latin American Studies (CLLAS) is an academic, research, and outreach center that serves as a home for the interdisciplinary study of Latin America, the Caribbean, and the Latinx experience in the United States. The CLLAS supports faculty and student research and scholarship, administers a minor in Latino and Latin American Studies and a graduate concentration in Latin American Studies, and organizes academic and cultural programming as well as campus and community outreach activities. The CLLAS also sponsors the NIU Latinx Oral History Project, which documents the lives and experiences of Latinxs in the Midwest.

See also "Minor in Latino/Latin American Studies."

Center for Southeast Asian Studies

Acting Director: Eric Jones, Ph.D.

The Center for Southeast Asian Studies, established in 1963, and recognized by the U.S. Department of Education as an Undergraduate National Resource Center for Southeast Asian Studies since 1987, provides leadership, focus, and coordination for Southeast Asian Studies at NIU. It is responsible for addressing student needs, coordinating undergraduate and graduate courses dealing with Southeast Asia, and developing and administering other programs concerned with this region of the world. Formal and informal exchange relationships exist with universities and programs in Brunei, Burma, Cambodia, Indonesia, Malaysia, the Philippines, Singapore, Thailand, and Vietnam which offer qualified students opportunities and facilities for graduate research and undergraduate training in these countries. The center is an active member of SEASSI (Southeast Asian Studies Summer Institute), a national consortium of Southeast Asian studies centers. Since 2011, the center has been funded to offer undergraduate Southeast Asian language fellowships which pay full tuition and a modest living allowance in the academic year and for summer language study. See also "Minor in Southeast Asian Studies."

College of Law

Cassandra L. Hill, J.D., dean
Yolanda M. King, J.D., associate dean for academic affairs
Kathleen Coles, J.D., associate dean for student services

The College of Law offers a three-year, full-time day program leading to the J.D. degree. There is no part-time program, but a limited number of students may attend on a part-time schedule. The College of Law is fully accredited by the American Bar Association and is a member of the Association of American Law Schools. Student enrollment is approximately 300.

The College of Law is housed in Swen Parson Hall. The facilities as well as the student/faculty ratio promote a community atmosphere and maximize interaction between students and their law professors. The law library provides ample space for intensive study and reflection in quiet privacy and the latest in electronic legal research tools. A multipurpose moot courtroom, equipped with up-to-date technology, serves as a realistic setting for practical exercises in courtroom proceedings. In addition to academics, law students are involved in a wide variety of scholarly and co-curricular activities such as Law Review, moot court and trial advocacy teams, and a study-abroad program in France.

Application for admission is made through the College of Law, not through the Graduate School. Information regarding degree programs, academic requirements, application procedures, and tuition and fees is available from the College of Law Office of Admissions, Room 151, Swen Parson Hall (815-753-8595 or law-admit@niu.edu) or online at https://law.niu.edu/law/admissions/index.shtml. In addition, NIU undergraduates In the University Honors Program or in selected majors may be eligible to apply to the College of Law under one of the school's "accelerated law degree" programs. Students accepted into the College of Law pursuant to a "accelerated" program can start law school immediately after their junior year and can complete both their undergraduate degree and a law degree in a total of six years. Details may be found at https://www.niu.edu/law/academics/accelerated-jd/index.shtml.

Graduate School

Kerry Wilks, Ph.D., Dean of the Graduate School and Associate Vice President for International Affairs

A student who wishes to obtain a graduate degree must apply for and be granted admission to the Graduate School. Courses numbered 500-799 may be taken for graduate credit only by graduate-level students. A student interested in graduate study should refer to the current *Graduate Catalog* for details regarding graduate courses and degree programs available. See also "Early Admission of NIU Undergraduates" below. The graduate degrees and certificates offered by the university are listed below by the name of the college and of the department or school in which that degree program is housed**.**

Graduate School

Master of Arts in Teaching (M.A.T.)
(see also individual departments for specializations)

Master of Science in Teaching (M.S.T.)
(see also individual departments for specializations)

College of Business

Master of Business Administration (M.B.A.)

Department of Accountancy
Master of Accountancy (M.A.C.)
Master of Accounting Science (M.A.S.)
Master of Science in Taxation (M.S.T.)

Department of Finance
Master of Science in Finance (M.S.)

Department of Management

Department of Marketing
Master of Science in Digital Marketing (M.S.)

Department of Operations Management and Information Systems
Master of Science (M.S.)
Data Analytics
Management Information Systems
with specializations in
Business Analytics
SAP and Business Enterprise Computing

College of Education

Department of Counseling and Higher Education
Master of Science in Education (M.S.Ed.)
Counseling
with specializations in
Clinical Mental Health Counseling
School Counseling
Higher Education and Student Affairs
Doctor of Education (Ed.D.)
Higher Education
with specialization in
College Teaching
Community College Leadership
Higher Education Administration
Doctor of Philosophy (Ph.D.)
Counselor Education and Supervision

Department of Curriculum and Instruction
Master of Arts in Teaching (M.A.T.)
with specialization in
Elementary Education with Initial Licensure
Master of Science in Education (M.S.Ed.)
Curriculum and Instruction
with specializations in
Teacher Leader with Endorsement
Curriculum and Cultural Pedagogies in Social Justice
Literacy Education
with specializations in
Reading
English as a Second Language/Bilingual Education
Doctor of Education (Ed.D.)
Curriculum and Instruction
with specializations in
Curriculum Leadership
Literacy Education
Science, Social Studies, and Environmental Education Integration

Department of Educational Technology, Research and Assessment
Master of Science (M.S.)
Educational Research and Evaluation
Master of Science in Education (M.S.Ed.)
Instructional Technology
Doctor of Philosophy (Ph.D.)
Instructional Technology

Department of Kinesiology and Physical Education
Master of Science in Athletic Training (M.S.A.T.)
Master of Science (M.S.)
Sport Management
Master of Science in Education (M.S.Ed.)
Kinesiology and Physical Education
with specializations in

Adapted Physical Education
Exercise Physiology
Pedagogy and Curriculum Development in Physical Education
Sport and Exercise Psychology

Department of Leadership, Educational Psychology and Foundations
Master of Science in Education (M.S.Ed.)
Educational Administration
Educational Psychology
School Business Management
Educational Specialist (Ed.S.)
Educational Administration
Doctor of Education (Ed.D)
Educational Leadership and Policy Studies
with specializations in
Educational Leadership
Educational Policy Studies
Doctor of Philosophy (Ph.D.)
Educational Psychology

Department of Special and Early Education
Master of Science in Education (M.S.Ed.)
Early Childhood Education
Special Education
with specializations in
Advanced Special Education Practices
Assistive Technology Used by Persons with Visual Impairments
Behavior Analysis
Learning Behavior Specialist I
Orientation and Mobility
Vision Rehabilitation Therapy
Visual Impairments

College of Engineering and Engineering Technology

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Master of Science in Teaching (M.S.T.)
with specialization in
Engineering Education

Department of Electrical Engineering
Master of Science (M.S.)
Electrical Engineering
with or without specialization in
Applied Radio Frequency (RF) Engineering
Doctor of Philosophy (Ph.D.)
Electrical Engineering

Department of Industrial and Systems Engineering
Master of Science (M.S.)
Industrial and Systems Engineering
with or without specialization in
Engineering Management
Doctor of Philosophy (Ph.D.)
Industrial and Systems Engineering

Department of Mechanical Engineering
Master of Science (M.S.)
Mechanical Engineering
Doctor of Philosophy (Ph.D.)
Mechanical Engineering

Department of EngineeringTechnology
Master of Science (M.S.)
Industrial Management and Technology

College of Health and Human Sciences

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School of Allied Health and Communicative Disorders
Master of Arts
Communicative Disorders
with specializations in
Audiology
Speech-Language Pathology
Doctor of Audiology (Aud.)
Doctor of Physical Therapy (D.P.T.)

School of Family and Consumer Sciences
Master of Science (M.S.)
Applied Human Development and Family Sciences
with or without specialization in
Leadership in Aging Studies
Marriage and Family Therapy

School of Health Studies
Master of Public Health (M.P.H.)
with specializations in
Health Promotion
Health Services Management
Master of Science (M.S.)
Nutrition and Dietetics

School of Interdisciplinary Health Professions
Master of Science
Health Sciences
Rehabilitation Counseling
Doctor of Philosophy (Ph.D.)
Health Sciences

Department of Military Science

School of Nursing
Master of Science (M.S.)
Nursing
with specializations in
Adult-Gerontology Clinical Nurse Specialist
Adult-Gerontology Primary Care Nurse Practitioner
Family Nurse Practitioner
Nursing Education
Doctor of Nursing Practice (D.N.P.)
Post Bachelor's
with specializations in
Advanced Practice Nursing (APN)
Adult-Gerontology Clinical Nurse Specialist
Adult-Gerontology Primary Care Nurse Practioner

Family Nurse Practioner
Post Master's

College of Liberal Arts and Sciences

School of Public and Global Affairs

Department of Anthropology
Master of Arts (M.A.)
Anthropolgy

Department of Biological Sciences
Master of Science (M.S.)
Biological Sciences
with or without specialization in
Bioinformatics
Biology Teaching
Human Anatomical Sciences
Doctor of Philosophy (Ph.D.)
Biological Sciences

Department of Chemistry and Biochemistry
Master of Science (M.S.)
Chemistry
Doctor of Philosophy (Ph.D.)
Chemistry

Department of Communication
Master of Arts (M.A.)
Communication Studies

Department of Computer Science
Master of Science (M.S.)
Computer Sciences
Doctor of Philosophy (Ph.D.)
Computer Sciences

Department of Economics
Master of Arts (M.A.)
Economics
Doctor of Philosophy (Ph.D.)
Economics

Department of English
Master of Arts (M.A.)
English
Doctor of Philosophy (Ph.D.)
English

Department of Geographic and Atmospheric Sciences
Master of Science (M.S.)
Geography
Doctor of Philosophy (Ph.D.)
Geography

Department of Geology and Environmental Geosciences
Master of Science (M.S.)
Geology
Doctor of Philosophy (Ph.D.)
Geology

Department of History
Master of Arts (M.A.)
History
Doctor of Philosophy (Ph.D.)
History

Department of Mathematical Sciences
Master of Science (M.S.)
Mathematics
with specializations in
Applied Mathematics
Computational Mathematics
Mathematics Education
Pure Mathematics
Master of Science in Teaching (M.S.T.)
with specialization in
Middle School Mathematics Education
Doctor of Philosophy (Ph.D.)
Mathematical Sciences

Department of Philosophy
Master of Arts (M.A.)
Philosophy

Department of Physics
Master of Science (M.S.)
with specializations in
Applied Physics
Basic Physics
Physics Teaching
Doctor of Philosophy (Ph.D.)
with or without specialization in
Nanoscience

Department of Political Science
Master of Arts (M.A.)
Doctor of Philosophy (Ph.D.)

Department of Psychology
Master of Arts (M.A.)
Doctor of Philosophy (Ph.D.)

Department of Public Administration
Master of Public Administration (M.P.A.)
with specializations in
Comparative Public Service
Fiscal Administration
Local Government Management
Nonprofit Management
Strategic Public Management and Leadership
Public Service Law and Management

Department of Sociology
Master of Arts (M.A.)
with or without specialization in
Criminology

Department of Statistics and Actuarial Science

Master of Science
Statistics

Department of World Languages and Cultures
Master of Arts (M.A.)
World Languages and Cultures -- Spanish and Hispanic Studies

College of Visual and Performing Arts

School of Art and Design
Master of Arts (M.A.)
with specializations in
Art History and Visual Studies Research
Art History and Visual Studies Teaching at the Two-Year College Level
Studio Art
Master of Science (M.S.)
with specialization in
Art and Design Education
Master of Fine Arts (M.F.A.)
Doctor of Philosophy (Ph.D.)
Art and Design Education

School of Music
Master of Music (M.M.)
with specializations in
Music Education
Performance
Individualized Study
Performer's Certificate

School of Theatre and Dance
Master of Fine Arts (M.F.A.)
Theatre Arts
with specializations in
Acting
Design and Technology

Concentrations

A concentration is a course of study, typically interdisciplinary, linked to the pursuit of a specific graduate degree. Completion of the requirements for a concentration will result in an appropriate notation on the student's academic record.

The concentrations offered by the university are listed below.

Biochemistry
Biophysics

Certificates of Graduate Study

A certificate of graduate study is a course of study, not linked to the pursuit of a degree, consisting of a coherent set of courses, fewer than for a major, addressing a specific theme. Completion of the requirements for a certificate of graduate study will result in an appropriate notation on the student's academic record.

The certificates of graduate study offered by the university are listed below.

Adapted Physical Education
Advanced Qualitative Methodology in Education
Advanced Quantitative Methodology in Education
Advanced Study in Accountancy
Advanced Study in Accounting Analytics
Applied Statistics
Art History
Assistive Technology Instructional Specialist for People with Visual Impairments
Behavior Analyst
Bioinformatics
College Teaching
Curricular and Pedagogical Practices in Social Justice Education
Data Analytics Using SAS Software -- SAS Joint Certificate Program
Data Science for Business
Digital Image Processing
Digital Signal Processing
Digital Systems
Director of Special Education
Distance Education
Eating Disorders and Obesity
Education in English Language Arts
Elementary Mathematics Teaching
Enterprise Management Using SAS Software
Entrepreneurship
Environmental Health & Safety
Facilities Management
Family and Child Development
Family Nurse Practitioner
Finance
Financial Engineering
Financial Risk Management
FinTech
Foreign Language Instructional Technology
Foundation of Accountancy
Foundations of Education and Policy Studies
Geographic Information Analysis
Gerontology
Health Professions Education
Higher Education Administration
Homeland Security
Industrial Control
Integrated Manufacturing Systems
Interdisciplinary Study of Language and Literacy
International Business
Latin American Studies
Law and Women's and Gender Studies
Leadership in Aging Services
Lean Six Sigma
Lesbian, Gay, Bisexual, and Transgender Studies
Logistics
Management Information Systems
Managerial Leadership
Medical Family Therapy and Counseling
Mobile Programming
Museum Studies
Postsecondary Developmental Literacy and Language Instruction
Public Management

Quality Control
Response to Intervention
Semiconductor Devices
Semiconductor Fabrication
Southeast Asian Studies
Sport and Exercise Psychology
Sport Management
Strategic Marketing
Teaching English as a Second Language and Bilingual Education
Technical Writing
Trauma-Informed Counseling
User Experience (UX) and Learning Analytics
VLSI Design
Women's and Gender Studies
Workplace Learning and Performance
World Languages and Cultures -- French and Franchophone Studies
World Languages and Cultures -- German Studies
World Languages and Cultures -- Spanish and Hispanic Studies

Student-at-Large Classification

The student-at-large classification is available for those who wish to take graduate courses without pursuing a degree. A student-at- large must hold a baccalaureate or higher degree from an accredited institution in the U.S. or the equivalent from a recognized foreign institution and must apply for and be granted permission to register as a student-at-large through the Graduate School. Students-at-large are not admitted to the Graduate School or to any graduate degree program, but they are under the administrative jurisdiction of the Graduate School. Many of the same regulations, including those regarding academic standing, apply to both graduate students and students-at-large, as described in the *Graduate Catalog*. Some departments and programs limit the amount of graduate credit earned as a student-at- large that may be applied toward meeting the requirements of a graduate degree, if the student-at-large is later admitted to such a degree program. Students should consult the *Graduate Catalog* for specific information about particular programs.

Postgraduate students are those who hold baccalaureate degrees from accredited institutions and wish to take additional undergraduate courses or to earn a second baccalaureate degree. Postgraduates are classified as seniors and may take 100- through 400-level courses for undergraduate credit only; a postgraduate may not take courses for graduate credit. An individual who wishes to take 500-, 600-, or 700-level graduate courses should apply to the Graduate School for admission as a graduate student or permission to register as a student-at-large. For further information, see "Postgraduate Students."

Early Admission of NIU Undergraduates to the Graduate School

Early admission to the Graduate School is available to seniors in their final term of enrollment at NIU who wish to take courses for graduate credit. Students who apply for and receive early admission may take approved graduate-level courses.

Application for early admission is made through the Graduate School. A student applying for early admission must have applied to graduate from the baccalaureate program at the end of the term for which early admission is sought; the Graduate School's application deadlines are waived for such a student. No student may enroll in more than one term under early-admission status.

International Affairs

Associate Vice President: Kerry Wilks

The Division of International Affairs supervises and coordinates the international activities of the university in order to encourage greater internationalization of programs, curricula, faculty, staff, and students. Division staff bring the perspectives of the world to NIU and the expertise of NIU to the world through international mobility for faculty, students, and ideas.

For students participating in an approved transfer agreement leading to a joint degree between Northern Illinois University and a partner international university, Northern Illinois agrees to accept the completed international transfer curriculum as the equivalent of the lower division general education requirements for a baccalaureate degree. In making such collaborative arrangements with sister institutions around the world, NIU will allow students to transfer this portion of their baccalaureate degree from the international university to NIU without incurring a loss of credit. Successful completion of this package of courses assures students that all lower division general education requirements are fulfilled.

Study Abroad Programs

Director: Lauren Mock

The university offers a wide variety of opportunities for students to study abroad while continuing to remain enrolled at NIU. Most courses are approved equivalencies of current NIU courses and are applicable to campus degree programs with the approval of relevant academic departments. Students are covered by NIU's accident and illness international travel plan while overseas. Eligible students can apply their financial aid award toward study abroad programs, and there are some scholarships available for study abroad. Courses are available in both the English language and in various foreign languages.

NIU is known nationally for the extensive study abroad programs that are offered to undergraduate and graduate students. Both graduate and undergraduate credit can be earned. The faculty-directed programs take place primarily during the summer, winter, and spring break periods and range from three to six weeks. Listed below are all of the study abroad programs that NIU currently offers. Students who would like more specific information should contact the Study Abroad Office.

Cosponsored, Faculty-Directed, and Internship-Study Abroad Programs

Director: Lauren Mock

These programs are open to undergraduate students only.

NIU currently offers programs worldwide for students from all majors and interests, for various periods of time. These programs include academic residential, academic internships, and student learning in Europe, Latin America, Asia, Africa, and Australia. Cosponsored study abroad programs are administered by other institutions or organizations and supported by NIU. Students receive NIU credit if the program has been preapproved by the student's academic department. On-site staff provide support and services for students. Cosponsored program sites include Argentina, Australia, Austria, Belgium, Belize, Bolivia, Botswana, Brazil, Cambodia, Canada, Chile, China, Colombia, Costa Rica, Croatia, Czech Republic, Denmark, Dominican Republic, Ecuador, Fiji, Finland, France, Germany, Ghana, Greece, Hungary, Iceland, India, Indonesia, Ireland, Italy, Japan, Republic of Korea, Laos, Madagascar, Malaysia, Mexico, Mongolia, Morocco, Nepal, The Netherlands, New Zealand, Norway, Panama, Peru, Poland, Portugal, Russian Federation, Rwanda, Samoa, Senegal, Serbia, Sierra Leone, Singapore, Slovakia, South Africa, South Korea, Spain, Sweden, Switzerland, Taiwan, Tanzania, Thailand, Uganda, United Arab Emirates, United Kingdom, Uruguay, and Vietnam.

NIU currently offers faculty-directed programs in over 20 different countries. Most NIU administered programs are directed by an NIU faculty member, with cooperation from various NIU departments, and offer specialized credit and residential study abroad during the fall and spring semesters, spring break, summer session, and winter break period.

Unless otherwise noted, in all cases undergraduates must meet NIU undergraduate admission requirements, and graduate students must meet Graduate School requirements or apply for and obtain permission from the Graduate School to register as a student-at-large.

Belize: Health studies. Early to mid-June. In cooperation with the University of Belize. Examination of the health care system in Belize and the impact of the World Health Organization; insight to the indigenous languages and culture of bush healing; interaction with students from the University of Belize; interdisciplinary networking of students from various health science programs. (UG or GR)

China: Advanced Manufacturing Processes and Manufacturing Globalization. Mid May to early June. In cooperation with Beihang University (BU), Jiangsu University (JSU) and Zhejiang University of Technology (ZJUT). This program provides students an opportunity to see and experience the massive manufacturing strength in China and gain a global view of the world manufacturing industry. (UG or GR)

China: History, Culture and Society. Mid May to mid-June. In cooperation with Chongqing College of Posts and Mobile Telecommunications (CMT) and Shanxi Agricultural University College of Telecommunications (CT). The program allows students to focus on developing a deep understanding of Chinese history, culture and life. It will consist of in-class "traditional" lectures as well as interactive sessions with students in China, travel-study to explore contemporary issues and more. (UG)

England: NIU at Oxford: English, history and political science. Late June to late July. In cooperation with Oriel College, one of the 34 colleges that make up Oxford University. Courses offered at the undergraduate and graduate levels are designed to take advantage of the unique resources of the British setting. Formal class meetings supplemented by individual tutorials.
(UG or GR)

France: La Vie Provençale, Aix-en-Provence. Late May to mid-June. In cooperation with IAU College in France. Students will develop a profound understanding and appreciation of French culture through this immersive experience. Participation in this program will greatly benefit the language competence of the students and is therefore an integral part of the French Language Curriculum at NIU. (UG)

France: NIU College of Law in Agen: Late May to mid-July. In cooperation with the University of Bordeaux-Montesquieu IV. Designed to give non-French speaking students an understanding of the French civil law system and the legal system of the European Union. Language of instruction is English. (LAW)

Ireland: Exploring Ireland's Health Care Services. Early to late July. Students will learn about the history of Ireland's health care system and the variety of Ireland's health services. This will include specialties in nursing, public health, and health studies. (UG or GR)

Madagascar: Past and Present: Biodiversity, Extinction and Conservation. Early to late June. Provides students with the opportunity to learn first-hand about primate biodiversity, extinction, forest fragmentation and conservation in Madagascar, one of the world's foremost biodiversity hotspots. (UG or GR)

Mexico: Developing and Facilitating Socially Responsible Experiential Learning Opportunities. Early to mid-July. Students will learn how to develop, facilitate, and create experiential learning opportunities for students. In particular, the course will focus on study abroad, service learning, sustainable volunteering, and internships. Through course work, students will learn about how to create and facilitate these types of experiences for students. There will also be an experiential component to the course in Bucerías, Mexico. (GR)

Poland: Exploring Contemporary Graphic Design. Mid-March. In cooperation with the Academy of Fine Arts in Katowice. Provides the opportunity to meet and work with

students at the Academy of Fine Arts in Katowice. Students will focus on graphic design and studio art practice. The program will integrate historical information and contemporary trends in European graphic design and art. (UG or GR)

Russia: *Moscow:* Theater and performance studies at the Moscow Art Theatre (MXAT). Fall. Directors, actors, theater scholars, and teachers of the MXAT School administer daily instruction to NIU School of Theatre and Dance students. Teaching focuses on acting, voice, movement, and Russian theater history. Students take daily classes at the MXAT School. (UG)

Spain: *Spanish Language and Culture in Toledo*. Mid-June to mid-July. In cooperation with the University of Castilla-La Mancha. Provides immersion in the language and culture of contemporary Spain. Minimum cumulative GPA of 2.75 and 3.00 in Spanish courses. (UG or GR)

Tanzania: Environment and Society in Tanzania. Mid to late May. This two-week field course will involve travel to Tanzania to learn about and experience the landscape, natural environment and local cultures of Tanzania. Students will have an opportunity to diversify their educational experience through "living it and seeing it" in the natural environment. The program allows students to broaden their knowledge of Africa and learn through exploring the interplay of culture, economics, politics and environment in the context of change. (UG or GR)

Worldwide: International business seminars. Late December to mid-January or mid-May to mid-June. Allows students interested in pursuing a career in international business or related field to acquire a firsthand view of international business practices and experience the excitement of traveling outside the United States. Includes visits to European manufacturing, retailing, and financial organizations/industries that engage in international business. (UG or GR)

Faculty-Directed. Undergraduate or graduate credit for students traveling independently overseas who engage in a significant independent research project under the direction of a member of the NIU faculty. Type of academic credit and number of semester hours of credit dependent on the nature of the project and determined by the faculty member directing the research project. (UG or GR)

INTL 101. STUDY ABROAD PROGRAMS (1-9). Course work undertaken as part of an approved university study abroad program. Discipline-based course used to reflect credit given, with departmental approval, for course work for which there is no NIU equivalent course available. May be repeated to a maximum of 9 semester hours.

INTL 201. STUDY ABROAD PROGRAMS (1-9). Course work undertaken as part of an approved university study abroad program. Discipline-based course used to reflect credit given, with departmental approval, for course work for which there is no NIU equivalent course available. May be repeated to a maximum of 9 semester hours.

INTL 301. STUDY ABROAD PROGRAMS (1-9). Course work undertaken as part of an approved university study abroad program. Discipline-based course used to reflect credit given, with departmental approval, for course work for which there is no NIU equivalent course available. May be repeated to a maximum of 9 semester hours.

INTL 401. STUDY ABROAD PROGRAMS (1-9). Course work undertaken as part of an approved university study abroad program. Discipline-based course used to reflect credit given, with departmental approval, for course work for which there is no NIU equivalent course available. May be repeated to a maximum of 9 semester hours.

International Student and Scholar Services

Program Director: Stephanie Brown

The International Student and Scholar Services Office assists all nonimmigrant students, scholars, faculty, and staff at Northern Illinois University. The office follows up with all immigration regulation-related matters of the university as required and necessary; processes immigration documents for all nonimmigrant students, scholars, faculty, and staff; coordinates all admission efforts for incoming international undergraduate students; and advises all international students, scholars, faculty, and staff in immigration-related issues.

The office provides ongoing support for all nonimmigrant population on campus in their academic, cultural, and social adjustments with such programs as comprehensive orientation programs, workshops in various topics, and other activities as necessary. Through these efforts, the office makes continuing efforts to help international students, scholars, faculty, and staff to gain the maximum benefits from the many opportunities that the university offers, and also to increase international understanding and appreciation for diversity on campus.

International Training Office

Director: Sim Tissa

The International Training Office (ITO) develops and implements high-impact, innovative, and results-driven training programs that address societal and institutional needs of developing countries. The International Training Office's programs and initiatives provide opportunities for NIU faculty, staff, and students to share their knowledge and expertise with training participants from diverse cultural backgrounds. Since its establishment in 1981, the ITO has successfully implemented training programs that match participants' needs with the strengths, capacities, and interests that exist within the faculty of NIU. Through the years, the ITO has been a facilitator of change and an active partner in developing the human resource potentials of individuals, groups, and communities worldwide.

Course List

Also see "Inter-College and University-Wide Interdisciplinary Courses" for IDSP 301 and IDSP 401.

Regional History Center

The Regional History Center and University Archives house collections of primary source material available for research whether you are a student, faculty, staff, or a member of the general public. The mission of the Center is two-fold: to acquire, preserve, and make available to the public the most significant historical records of the Northern Illinois region-18 northernmost counties of Illinois, excluding Cook County-and to serve as the repository for the official records of the University that have permanent historical or administrative value. Since 1964 the center has evolved from a small university archival unit to a multifaceted research center containing three related sets of historical records available to researchers: Regional Collections, University Archives, and Local Government Records.

Holdings in the Regional Collections include original manuscripts and records generated by private individuals, institutions, and organizations from throughout the Northern Illinois area, with emphasis on several major themes in the region's history: agriculture, politics, ethnic heritage, commerce and industry, the role of women, and urban expansion. University records include governing board proceedings, records of university administrative offices, faculty papers, records of student government and organizations, a range of publications, and extensive photographs of campus life. The Local Government Records collection, as part of the Illinois Regional Archives Depository system administered by the Illinois State Archives, has the responsibility of preserving local public records and making them available to researchers.

More information about the Center's collections or how to contact staff may be found at: Regional History Center

University Libraries

The Northern Illinois University Libraries system consists of Founders Memorial Library, and three branch libraries, which include Faraday Library, and the Music Library. The University Libraries contain over 2 million volumes as well as numerous periodicals, government publications, microforms, maps, recordings, audiovisual materials, and electronic resources.

NIU Libraries are participants in the I-Share System, a network involving 145 academic institutions throughout Illinois. Access is via the World Wide Web and allows users to immediately determine which of the 86 I-Share libraries own desired research materials. Materials not owned by NIU can be obtained quickly from other I-Share member libraries.

Founders Memorial Library, the main library, has six levels with 327,000 square feet of space and seating capacity for 1600 students. The first floor houses key library services including the circulation desk, the reference desk, the Accessibility Resource Room, library instruction, document delivery services, the reserves collection, periodicals collection, media collection, and the Scholars' Den. Microforms, the map collection, government publications, the Writing Center, and the Test of Academic Proficiency Tutoring Center are located on the second floor; the Digital Convergence Lab, the Peer Assisted Learning (PAL) tutoring center, and the Reading Assistance Center are housed on the third floor; and the Regional History Center and Archives, Rare Books and Special Collections, and the Southeast Asia collection are on the fourth floor. The upper three floors house circulating books.

Faraday Library serves faculty and students in the disciplines of chemistry and physics. Similarly, the Music Library serves the music curriculum. Regular, interim, and holiday hours are posted near the entrance to each library and on the library website. Call ahead or check online to be sure of the status.

NIU libraries provide a variety of guides to collections and services. These materials are available online at www.library.niu.edu. Instruction in the use of the library is given to classes by librarians as part of the University Libraries library instruction program. Library instruction covers both basic information literacy and, for upper-level classes, in-depth instruction related to materials in particular subject areas. Online help is available from the "Find Help" links on the libraries' website. The course UNIV 105, Introduction to Library and Information Research, provides a broad overview of information/literacy concepts as related to the library, including locating, evaluating, and using all types of resources. See libguides.niu.edu/FacultyInfo/UNIV105.

Libraries Faculty

Frederick Barnhart, M.L.I.S., J.D, dean
T. J. Lusher, Ed.D., M.A., M.L.I.S., associate dean
Jana Brubaker, M.L.S., M.A., associate dean
Leanne VandeCreek, M.S.L.S., M.S. acting associate dean

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Jana Brubaker, M.L.S., Indiana University, M.A., Northern Illinois University, associate professor
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Wayne E. Finley, M.L.I.S., University of Illinois; M.B.A., Western Illinois University, Quad Cities, associate professor
Larissa García, M.A., Northern Illinois University, M.A.L.S., Dominican University, assistant professor
Sarah Holmes, M.A., University of Hartsford, M.L.I.S., Kent State University, assistant professor
Karen Hovde, M.A., Western Washington University, M.A., Northern Illinois University, associate professor
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Beth McGowan, Ph.D., University of Pennsylvania, M.L.I.S., University of Wisconsin, associate professor
Sarah McHone-Chase, M.S.L.I.S., University of Illinois, M.A., Illinois State University, associate professor
James Millhorn, M.A.L.S., University of Iowa, M.A., University of Oklahoma, associate professor
Nestor L. Osorio, M.A. & M.L.S., State University of New York, Geneseo, professor
Junlin Pan, M.A.L.S. & Ph.D., University of Arizona, M.S., Southwest Missouri State University, professor
Hao Phan, M.A., Northern Illinois University, M.L.I.S., University of California, Los Angeles, associate professor
Robert B. Marks Ridinger, M.L.S., University of Pittsburgh, M.A., Case Western Reserve University, professor
Leanne VandeCreek, M.L. S., Catholic University, M.S.W., Fordham University, Tarrytown, associate professor

Regional History Center and University Archives

Cindy S. Ditzler, M.A., Western Illinois University, director and archivist

University Press

Since its founding in 1965, NIU Press, now an imprint of Cornell University Press, has worked to support and enhance the reputation and research mission of the University and academic community by publishing outstanding works of scholarship for a global audience. NIU Press publishes scholarly and trade books in the humanities and social sciences for both specialists and general readers. The Press has long published major works in Russian and Eurasian studies and has additional series in Orthodox Christianity and Southeast Asian studies. NIU Press also publishes books on politics, philosophy, religion, European history, and American Midwest history and culture. Find more information at: Cornell University Press

Articulation Curriculum

Illinois Articulation Initiative Core Curriculum

For students earning an A.A., A.S., or approved A.A.T. degree in early childhood, secondary math, or special education from an Illinois public community college, Northern Illinois University is a participant in the Illinois Articulation Initiative (IAI), a statewide agreement that allows transfer of the completed Illinois transferable General Education Core Curriculum (GECC) between participating institutions. Successful completion of the GECC at any participating college or university in Illinois assures 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.

See an academic adviser for additional information and/or read about the IAI at www.iTransfer.org.

IAI General Education Core Curriculum Requirements

Communication–9 semester hours: a two-course sequence in writing (6) and one course in oral communications (3)

Mathematics–3-6 semester hours

Physical and Life Sciences–7-8 semester hours: one course in life sciences and one course in physical sciences, at least one of which must be a laboratory course

Humanities and Fine Arts–9 semester hours: one course in humanities, one course in fine arts, and one course from either humanities or fine arts

Social and Behavioral Sciences–9 semester hours: three courses selected from at least two disciplines

IAI Codes

The following IAI codes identify qualifying general education courses.

C Communication
F Fine arts
H Humanities
L Life sciences
M Mathematics
P Physical sciences
S Social/behavioral sciences

Applicable NIU Courses

IAI Numbers follow the listing for each course.

Communication

- COMS 100 - Fundamentals of Oral Communication Credits: 3
  IAI Number C2 900
- ENGL 103 - Rhetoric and Composition I Credits: 3
  IAI Number C1 900
- ENGL 203 - Rhetoric and Composition II, Researched Writing in the Domains Credits: 3
  IAI Number C1 901R
- ENGL 204 - Rhetoric and Composition, Accelerated Researched Writing in the Domains Credits: 3
  IAI Number C1 901R

Mathematics

- MATH 101 - Core Competency in Mathematics Credits: 3
  IAI Number M1 901
- MATH 206 - Introductory Discrete Mathematics Credits: 3
  IAI Number M1 905
- MATH 210 - Finite Mathematics Credits: 3
  IAI Number M1 906
- MATH 211 - Calculus for Business and Social Science Credits: 4
  IAI Number M1 900-B
- MATH 229 - Calculus I Credits: 4
  IAI Number M1 900-1
- MATH 230 - Calculus II Credits: 4
  IAI Number M1 900-2
- MATH 232 - Calculus III Credits: 4
  IAI Number M1 900-3

Physical and Life Sciences

- BIOS 103 - General Biology Credits: 3
  IAI Number L1 900
- BIOS 105 - General Biology Laboratory Credits: 1
  IAI Number L1 900L
- BIOS 106 - Environmental Biology Credits: 3
  IAI Number L1 905
- BIOS 109 - Human Biology Credits: 3
  IAI Number L1 904
- BIOS 208 - Fundamentals of Cellular Biology Credits: 3
  IAI Number L1 910L
- BIOS 210 - Fundamentals of Cellular Biology Laboratory Credits: 1
  IAI Number L1 910L
- BIOS 209 - Fundamentals of Organismal Biology Credits: 3
  IAI Number L1 910L
- BIOS 211 - Fundamentals of Organismal Biology Laboratory Credits: 1
  IAI Number L1 910L
- CHEM 110 - Chemistry Credits: 3
  IAI Number P1 902
- CHEM 111 - Chemistry Laboratory Credits: 1
  IAI Number P1 902L

- CHEM 210 - General Chemistry I Credits: 3
  IAI Number P1 902
- CHEM 212 - General Chemistry Laboratory I Credits: 1
  IAI Number P1 902L
- GEOG 101 - Introduction to Environmental Geography Credits: 3
  IAI Number P1 909
- GEOG 102 - Introduction to Environmental Geography Laboratory Credits: 1
  IAI Number P1 909L
- GEOG 105 - Weather, Climate, and You Credits: 3
  IAI Number P1 905
- GEOG 106 - Weather and Climate Laboratory Credits: 1
  IAI Number P1 905L
- GEOL 103 - Planetary and Space Science Credits: 3
  IAI Number P1 905
- GEOL 104 - Introduction to Ocean Science Credits: 3
  IAI Number P1 905
- GEOL 105 - Geologic Resources and the Environment Credits: 3
  IAI Number P1 908
- GEOL 120 - Planet Earth Credits: 3
  IAI Number P1 907
- GEOL 203 - Global Change Credits: 3
  IAI Number P1 906
- PHYS 150 - Physics Credits: 3
  IAI Number P1 900
- PHYS 151 - Physics Laboratory Credits: 1
  IAI Number P1 900L
- PHYS 162 - Elementary Astronomy Credits: 3
  IAI Number P1 906
- PHYS 180 - Acoustics, Music, and Hearing Credits: 3
  IAI Number P1 901
- PHYS 253 - Fundamentals of Physics I: Mechanics Credits: 4
  IAI Number P2 900L

Humanities and Fine Arts

- ARTH 282 - Introduction to World Art Credits: 3
  IAI Number F2 900
- ARTH 292 - Introduction to Modern Arts and Design Credits: 3
  IAI Number F2 902
- ARTH 294 - Introduction to Arts of Asia Credits: 3
  IAI Number F2 903N
- ENGL 110 - Literature and Popular Culture Credits: 3
  IAI Number H3 901
- ENGL 115 - British Identities, British Literature Credits: 3
  IAI Number H3 912
- ENGL 116 - American Identities, American Literature Credits: 3
  IAI Number H3 914
- ENGL 271 - Classical Mythology Credits: 3
  IAI Number H9 901
- ENGL 310 - Ideas and Ideals in World Literature Credits: 3
  IAI Number H3 906
- ENGL 315 - Readings in Shakespeare Credits: 3
  IAI Number H3 905
- FLFR 371 - Masterpieces of French Literature in Translation Credits: 3
  IAI Number H3 909
- FLRU 361 - Russian Culture and Literature Credits: 3
  IAI Number H3 909
- HIST 110 - History of the Western World I: Problems in the Human Past Credits: 3
  IAI Number H2 901
- HIST 111 - Western Civilization: 1500-1815 Credits: 3
  IAI Number H2 902
- HIST 112 - History of the Western World II: Problems in the Human Past Credits: 3
  IAI Number H2 902
- IDSP 290 - Drama Into Film Credits: 3
  IAI Number F2 908
- ILAS 170 - World Religions Credits: 3
  IAI Number H5 904N
- MUHL 220 - Introduction to Western Musical Traditions Credits: 3
  IAI Number F1 900
- PHIL 101 - Introduction to Philosophy Credits: 3
  IAI Number H4 900
- PHIL 103 - Contemporary Issues in Ethics Credits: 3
  IAI Number H4 904
- SEAS 225 - Southeast Asia: Crossroads of the World Credits: 3
  IAI Number HF 904N
- TH-D 222 - Dance and the Fine Arts Credits: 3
  IAI Number F1 906
- THEA 203 - Introduction to Theatre Credits: 3
  IAI Number F1 907

Social and Behavioral Sciences

- ANTH 102 - Temples and Tombs: Rise of Civilization Credits: 3
  IAI Number S1 903
- ANTH 120 - Anthropology and Human Diversity Credits: 3
  IAI Number S1 900N
- ANTH 210 - Exploring Archaeology Credits: 3
  IAI Number S1 903
- ANTH 220 - Being Human: Introduction to Cultural Anthropology Credits: 3
  IAI Number S1 901N
- ANTH 240 - Becoming Human: Discovering Human Origins Credits: 3
  IAI Number S1 902
- ECON 260 - Principles of Microeconomics Credits: 3
  IAI Number S3 902
- ECON 261 - Principles of Macroeconomics Credits: 3
  IAI Number S3 901
- GEOG 202 - World Regional Geography Credits: 3
  IAI Number S4 906
- GEOG 204 - Geography of Economic Activities Credits: 3

IAI Number S4 903N

- HDFS 230 - Child Development Credits: 3
  IAI Number S6 903
- HDFS 280 - Human Development, the Family, and Society Credits: 3
  IAI Number S6 902
- HDFS 284 - Introduction to Family Relationships Credits: 3
  IAI Number S7 902
- HIST 140 - Asia to 1500 Credits: 3
  IAI Number S2 920N
- HIST 141 - Asia Since 1500 Credits: 3
  IAI Number S2 920N
- HIST 170 - World History I: Problems in the Human Past Credits: 3
  IAI Number S2 912N
- HIST 171 - World History II: Problems in the Human Past Credits: 3
  IAI Number S2 913N
- HIST 260 - American History to 1865 Credits: 3
  IAI Number S2 900
- HIST 261 - American History since 1865 Credits: 3
  IAI Number S2 901
- HIST 340 - Ancient India Credits: 3
  IAI Number S2 920N
- HIST 341 - History of India: 1740-1947 Credits: 3
  IAI Number S2 920N
- HIST 344 - History of Ancient China Credits: 3
  IAI Number S2 920N
- HIST 345 - History of China Since the T'ang Dynasty Credits: 3
  IAI Number S2 920N
- HIST 348 - African History to 1600 Credits: 3
  IAI Number S2 920N
- HIST 349 - African History Since 1600 Credits: 3
  IAI Number S2 920N
- HIST 381 - Colonial Latin America Credits: 3
  IAI Number S2 920N
- HIST 382 - Modern Latin America Credits: 3
  IAI Number S2 920N
- NNGO 100 - Community Leadership and Civic Engagement Credits: 3
  IAI number S 9900
- POLS 100 - American Government and Politics Credits: 3
  IAI Number S5 900
- POLS 260 - Introduction to Comparative Politics Credits: 3
  IAI Number S5 905
- PSYC 102 - Introduction to Psychology Credits: 3
  IAI Number S6 900
- PSYC 225 - Lifespan Development: Childhood Through Adulthood Credits: 3
  IAI Number S6 902
- SOCI 170 - Introduction to Sociology Credits: 3
  IAI Number S7 900
- SOCI 260 - Introduction to Social Psychology Credits: 3
  IAI Number S8 900
- SOCI 361 - Race and Ethnicity Credits: 3
  IAI Number S7 903D

University Administration

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Legal Notices

Although the university attempts to accommodate the course requests of students, course offerings may be limited by financial, space, and staffing considerations or may otherwise be unavailable. Nothing in this catalog may be construed to promise or guarantee registration in any course, course of study (whether required or elective) or course modality nor may anything be construed to promise or guarantee the completion of an academic program within a specified length of time.

Student Responsibility for Obtaining Current University Information

The university reserves the right to make changes in admission requirements, fees, degree requirements, and other specifications set forth in this catalog. Such changes take precedence over catalog statements. While reasonable effort is made to publicize such changes, students should remain in close touch with departmental advisers and appropriate offices, because responsibility for complying with all applicable requirements ultimately rests with the student.

Human Rights Statement

Northern Illinois University ("NIU" or "the university") is an equal employment opportunity institution and does not unlawfully discriminate against its students, faculty and staff on the basis of race, color, national origin, ancestry, sex, pregnancy, religion, age, physical and/or mental disability, marital status, veteran/military status, sexual orientation, gender identity, gender expression, political affiliation, order of protection status, victim of domestic or sexual violence status, citizenship status, arrest record in employment/personnel matters, genetic information, and/or other protected categories in compliance with applicable federal and state statutes, regulations and orders pertaining to nondiscrimination, equal opportunity and affirmative action that violate university policy. Additionally, conduct that results in sexual misconduct, sexual harassment and/or retaliation is also considered unlawful and prohibited by university policy.

The following persons are designed to handle inquiries regarding Title IX, Section 504, or Title II:

- Title IX Coordinator, Health Services 230, TitleIXCoordinator@niu.edu, 815-753-5560
- ADA Coordinator, Health Services 427, ADA@niu.edu, 815-753-6038
- Assistant Vice President of Student Affairs, Altgeld Hall 208, Student_Affairs@niu.edu, 815-753-1573

Annual Security Report

The Northern Illinois University annual security report is available on-line for review at http://www.niu.edu/clery. Printed copies are available through the NIU Department of Police and Public Safety, 375 Wirtz Drive, DeKalb, IL 60115.

Leaves of Absence for Employees

Military leaves of absence will be granted in accordance with applicable Illinois statutes and executive orders issued by the State of Illinois in response to emergency situations and military operations.

Leaves of absence will be granted for volunteer services related to disaster relief in accordance with applicable Illinois statutes or executive orders issued by the State of Illinois in response to emergency situations.

Immigration Reform and Control Act Regulations Affecting Employment by the University

The 1986 Immigration Reform and Control Act mandates that any person beginning employment at Northern Illinois University after November 6, 1986, must either be a U.S. citizen or possess current employment authorization from the U.S. Immigration and Naturalization Service. All such employees must be prepared to present original documentation to the employing department/cost center within three days of the reporting date on their employment contract or risk cancellation of the contract.

Conflict of Interest Policy for All University Employees

All employees of the university must conform with the ethics policies, including the Conflict of Interest policy, which is available in the Academic Policies and Procedures Manual. All employees of the university, including students employed on a part-time basis or as graduate assistants, report on specified forms all real, potential, and apparent conflicts of interest.

Storage in University Buildings

Students electing to utilize university buildings and/or facilities for the storage of personal property owned by them, thereby accept the responsibility for such storage and waive any and all responsibility and liability on the part of the university and its employees for loss of or damage to such personal property by any cause whatsoever including, but not limited to fire, water, windstorm, or other casualty, theft, or improper or inadequate humidity control.

Student Information and Records

Information and data concerning individual students are collected, maintained, and used by the university only as needed in relation to its basic educational purposes and requirements. Presently, relevant policy and procedures are designed and operated to be in compliance with federal legislation, specifically, the Family Educational Rights and Privacy Act (FERPA). The official university procedures and a directory of educational records maintained by NIU are

available for review in the Office of Registration and Records. All questions, interpretations, or clarifications involving university policy and procedures are to be directed to the University's Office of General Counsel or the Office of Registration and Records.

There are four primary types basic of student records: academic, financial, medical, and placement. However, there are other types of student records that may be maintained by NIU. The official academic record is established and kept current by the Office of Registration and Records. It is a cumulative history of the student's registration and educational participation and performance. Maintained in connection with the academic record is certain biographical and personal identification information as needed for enrollment purposes. Parts or all of these student data are provided by the Office of Registration and Records as needed to the university's academic offices, colleges, schools, and departments for academic administration and advisement, and to other university administrative units as necessary for the functioning of various student and support services.

Student financial records are the responsibility of the Office of the Bursar, with respect to the billing, payment, and accounting of tuition and fees, and the Financial Aid and Scholarship Office for operation of the university's student financial assistance program. The Bursar keeps a complete record of student financial transactions relative to the payment of the university charges which are accrued. Within Financial Aid, the student file contains all necessary information regarding scholarships, grants, loans, and employment which are part of the student financial assistance program including institutional, organizational, federal, and state sources.

For those students who require medical assistance and care from the Student Health Service, at the time of their first contact with the service a medical history record is created and maintained by Northwestern Medicine, through an agreement with the University.

Career Services, with the student's voluntary participation, provides a mechanism through which students can choose to share their self-completed resume and various personal references and career-related documents with potential employers.

Certain records within the university community are exempt from the above-cited federal legislation: records of instructional, supervisory, and administrative personnel which are the possession only of the maker and not accessible nor revealed to any other person except a substitute; law enforcement records within the University's Department of Police and Public Safety; and medical records used in connection with the provision of treatment for a student. Access to these is strictly limited to the university staff immediately involved with their creation and maintenance except for certain specific qualifications.

Further, the university is not required to make available to a student the financial records of his or her parents nor confidential letters and statements of recommendation which were placed in students' files prior to January 1, 1975, if such are used only for the purpose specifically intended.

Access to or release of each of the above types of records or their respective parts, or of any personally identifiable information, with the previous exceptions noted, is restricted to the following: the student or former student; parents of a legally defined dependent student (reference Section 152 of the Internal Revenue Code of 1954); university officials who have a legitimate university-related educational or administrative interest and need to review an education record in order to fulfill their professional responsibility; certain authorized state and federal representatives primarily as concerns the evaluation and auditing of government-funded programs in which the university participates; officials of other colleges, universities, or schools in which the student intends to enroll, provided the student is informed of this type of request in advance of the information being released; individuals, agencies, and organizations in connection with the student's application for or receipt of financial aid; state and local officials as directed by State Statute adopted prior to November 19, 1974; with certain restrictions, organizations conducting studies for, or on behalf of, educational agencies or institutions for the purpose of developing, validating, or administering predictive tests, administering student aid programs, and improving instruction; accrediting organizations; and appropriate persons in connection with an emergency, if knowledge of such information is necessary to protect the health or safety of a student or other person. A university official for the purposes of this section is a person employed by the university in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the university has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. In all other instances, access or release may be granted only with the written authorization of the student, or as otherwise allowed by law. In cases where such records are to be furnished in compliance with a judicial order or pursuant to a lawfully issued subpoena, the University shall make a reasonable attempt to notify students prior to their release, unless notification is prohibited by law. Such attempts at notice will normally be by personal service, first-class mail to their last known address or via e-mail.

In accordance with the privacy rights afforded to students under FERPA , the student has the right to review personally his or her education records in the presence of a university representative at an appropriate or convenient campus location. The student should submit a written request to the appropriate university office identifying the record(s) he or she wishes to inspect. The university office will make arrangements for access and notify the student of the time and place where the records may be inspected within 45 days following receipt of such request. Where necessary, interpretation of the record shall be provided by qualified university personnel. Original records cannot be removed

from university premises. A copy may be provided where failure to provide such copy would effectively prevent a student from exercising the right to inspect and review the educational records. While a charge may be made to cover costs of reproduction, in most instances this is not done. However, normal operational fees exist with respect to record reproduction within Career Services, dependent upon the number of copies requested, and the Office of Registration and Records.

A student has the right to challenge the content of a record on the grounds that it is inaccurate, misleading, or otherwise in violation of privacy or other rights and to have inserted in the record his or her written explanation of its contents. (Academic grade review procedures are covered elsewhere.) To initiate such a challenge, the student shall, within 60 days after he or she has inspected and reviewed the record in question for the first time, file with the university office responsible for maintaining such records a written request for a hearing, in a form specified by the university. Within 30 days following receipt of such request the head of such office, or a designated representative, shall review the record in question with the student and either order the correction or amendment of such alleged inaccurate, misleading, or otherwise inappropriate portions of the record as specified in the request or notify the student of the right to a hearing at which the student and other persons directly involved in the establishment of the record shall have an opportunity to present evidence to support or refute the contention that the portions of the record specified in the request are inaccurate, misleading, or otherwise inappropriate. The student shall be given written notice of the time and place of such hearing not fewer than 10 working days in advance. The hearing will be conducted by a university representative who does not have a direct interest in the outcome. The student shall have the right to attend the hearing, to be represented and advised by other persons, and to call witnesses in his or her behalf. The student shall be notified in writing of the decision within 10 working days following the hearing or within 10 working days of a decision without a hearing. Such decision is final.

The student may waive the right of access to confidential statements submitted with respect to application for admission to the Graduate School or another educational institution, an application for employment, or receipt of an honor or honorary recognition. However, the student cannot be required to do so. Further, the student who does waive right of access will be provided, upon request, with the names of all persons making confidential recommendations.

Directory information pertaining to students, as defined below, may be released by the university at any time provided that it publish this definition at least once each academic year in the campus student newspaper and the individual student is given a reasonable period of time to inform the university that such information is not to be released without his or her prior consent. Directory information includes the student's name, address, telephone listing, e-mail address (Z-ID@students.niu.edu, alias address, or other), and photographic or electronic picture or image, date and place of birth, major field of study, classification, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance and full- or part-time status, degrees and awards received, and the most recent previous educational agency or institution attended by the student.

As of January 3, 2012, the U.S. Department of Education's FERPA regulations expand the circumstances under which your education records and personally identifiable information (PII) contained in such records - including your Social Security Number, grades, or other private information - may be accessed without your consent. First, the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or state and local education authorities ("Federal and State Authorities") may allow access to your records and PII without your consent to any third party designated by a Federal or State Authority to evaluate a federal- or state-supported education program. The evaluation may relate to any program that is well as any program that is administered by an education agency or institution. Second, Federal and State Authorities may allow access to your education records and PII without your consent to researchers performing certain types of studies, in certain cases even when the University objects to or do not request such research. Federal and State Authorities must obtain certain use-restriction and data security promises from the entities that they authorize to receive your PII, but the Authorities need not maintain direct control over such entities. In addition, in connection with Statewide Longitudinal Data Systems, State Authorities may collect, compile, permanently retain, and share without your consent PII from your education records, and they may track your participation in education and other programs by linking such PII to other personal information about you that they obtain from other Federal or State data sources, including workforce development, unemployment insurance, child welfare, juvenile justice, military service, and migrant student records systems.

Students who believe that their privacy rights under the Family Educational Rights and Privacy Act have been violated, have the right to file a complaint with the Family Policy Compliance Office, U.S. Department of Education, 600 Independence Avenue, S.W., Washington, D.C. 20202-4605.

Conduct and Discipline Regulations

It is expected that all enrolled students intend to engage in serious educational pursuits. When students accept admission to NIU, the university assumes that they thereby agree to conduct themselves in accordance with its standards.

The university expects all of its students, both on and off the campus, to conduct themselves in accordance with the usual standards of society and law-abiding citizenship. Every organization affiliated with the university or using its name is expected to conduct all its affairs in a manner creditable to the university.

While enrolled, students are subject to university authority. The university has the prerogative, in the interest of all of its

students, to suspend or require the semester withdrawal of a student or group of students for acting in such a manner as to make it apparent that the student or group of students are not desirable members of the university. See also "Classroom Disruption" under "Academic Regulations." Copies of the most current Student Code of Conduct may be obtained from Student Conduct.

General Regulations

Students at Northern Illinois University are expected to abide by the university regulations set forth below as well as by applicable federal, state, and local laws. While the university will normally apply disciplinary sanctions only for violations of its regulations, a student is subject to public laws at all times, including the Illinois Compiled Statutes which contain provisions specifically directed at maintaining the orderly operation of state colleges and universities. It is the responsibility of the student to be particularly aware of the provisions of the Criminal Code in the Illinois Compiled Statutes and to be aware of the penalties therein provided for Criminal Damage to State Supported Property, Criminal Trespass to State Supported Land, Unauthorized Possession or Storage of Weapons, and Interference with a Public Institution of Education. (In addition, the Criminal Code in the Illinois Compiled Statutes contains provisions relating to disorderly conduct, theft, inflicting bodily harm, arson, property damage, gambling, the use of drugs, mob action, and sex offenses.) Conviction for offenses enumerated in the Criminal Code additionally makes almost certain the loss of federal- and state-supported scholarships, loans, or other grants.

Failure to abide by the following regulations may result, after a hearing by one of the University Student Conduct Boards or a representative of Student Conduct, in disciplinary sanctions including, but not limited to warning, disciplinary probation, suspension, and dismissal from the university.

Sanctions may result from:

academic dishonesty. Plagiarism, cheating, knowingly supplying false or misleading information to university officials or on official university records, forgery, and alteration or misuse of university documents, records, or identification cards all are prohibited.

obstruction or disruption of university activities. A student or students may not knowingly or willfully interfere with the normal educational activities of the university including teaching, research, administration, disciplinary procedures, or other university activities, including its public service functions. Disruption of university activities includes but is not limited to obstruction of access to the facilities of the university including corridors and doorways; interference with classroom activities or other scheduled events; interference with the performance of the duties of any institutional employee. Picketing may be permitted pursuant to applicable university policy, but only under the following conditions: Students who picket on university premises must do so in peaceful and orderly fashion. Picketing should not involve invasion of the rights of others, interference with the operations of the university, or jeopardy to public order and safety. Specifically, the following conditions must be met.

- Automobile, bicycle, and pedestrian traffic must not be obstructed.
- Entrances to buildings and driveways must not be blocked or traffic interfered with.
- Picketing inside university buildings is prohibited, unless permitted by applicable university policy.
- There will be no disturbing of classes by noise or by other means.
- There will be no harassing of passers-by or other interference with their activities.
- There will be no damage to property, including lawns and shrubs, nor littering of premises with signs, leaflets, or other materials.

failure to abide by regulations governing the use of university premises and facilities. No student shall remain alone or with others in a university building beyond its normal closing hours unless duly authorized by a university official nor shall an individual remain in a university building after being notified to depart therefrom by an authorized university official. Unauthorized entry to or use of university facilities is also prohibited.

theft or damage. A student or students may take no action or actions which damages or which as a probable consequence could damage property of the university or private property.

physical abuse of persons. A student or students may take no action or actions which disrupts or which as a probable consequence could disrupt the public peace or which endangers the safety, health, physical or mental well-being, or life of any person.

dangerous and narcotic drugs. A student may not use, possess, sell, or distribute any of the narcotic, dangerous, or hallucinogenic drugs in any form except under the direction of a licensed physician and as expressly permitted by law. NIU policy is in accordance with the Federal Drug-free Schools and Communities Amendment Act of 1989 and the Drug-Free Workplace Act of 1988. Please refer to this policy for more details and assistance resources.

firearms. Students may not have or keep any firearm on their persons, in their quarters, or in their motor vehicles at any time while on university property except with the permission of the chief security officer of the university, or pursuant to applicable law or policy.

alcoholic beverages. Delivery and sale of alcoholic beverages on university property is prohibited, unless expressly authorized under applicable policy. Possession and use of alcoholic beverages on university property is restricted by the laws of the state of Illinois as to age and by the regulations of the university as to physical location.

instructions from university officials. A student must follow the oral or written instructions regarding university regulations or state law given by any university official whom

the Board of Trustees or the President has vested with the authority to give such instructions.

university regulations. Students are responsible for knowing and abiding by university regulations and policies, including those not specifically enumerated in these general regulations, concerning such matters as the meeting of financial obligations to the university, university motor vehicle and parking regulations, registration of student organizations, as well as specific rules governing the use of particular facilities such as the residence halls, the libraries, and the Holmes Student Center.