COLLEGE OF BUSINESS

Department of Management

Course revisions: Page 85, 2013-14 Undergraduate Catalog

101. INTRODUCTION TO BUSINESS AND ENTREPRENEURSHIP (3). Background information for students specializing interested in business subjects. Provides an opportunity to develop Facilitates the understanding of concepts, attitudes, and philosophies models, and approaches to about business and entrepreneurship. Not open to majors in the College of Business.

412. BUSINESS LAW (3). Commercial transactions, basic legal concepts of commercial paper, sales, secured transactions, and related topics. History and development of the U.S. legal system and the social and legal environment of business. Government regulation of business, labor and employment law, contracts, sales, negotiable instruments, business entities and consumer protection law. Uses case materials and problems. PRQ: MGMT 217, accountancy major, Junior standing or consent of department.

457. MANAGERIAL NEGOTIATIONS (3). … …. PRQ: Grade of C or better in MGMT 335 and MGMT 355 or consent of department.

Other catalog change: Page 83, 2013-14 Undergraduate Catalog

Department of Management (MGMT)

The Department of Management offers B.S. degrees in management and in business administration, a minor minors in business innovation and entrepreneurship as well as social entrepreneurship, and an undergraduate certificate in social entrepreneurship.

Department of Operations Management and Information Systems

New Course: Page 95, 2013-14 Undergraduate Catalog

CIP Code: 52.02

472. INTRODUCTION TO BUSINESS INTELLIGENCE (3). Introduces concepts in business intelligence (BI) and explores exploration of how BI can improve management effectiveness through better decision-making. Students will gain hands-on experience using current BI tools in the areas of data warehousing, data marts, business analytics, web analytics, real-time data, and mobile applications. PRQ: OMIS 452.

Course revisions: Page 95, 2013-14 Undergraduate Catalog

444. MANUFACTURING TECHNOLOGY SYSTEMS MANAGEMENT (3). … …. PRQ: UBUS 310 or
449. BUSINESS APPLICATION DEVELOPMENT (3). Study of operating systems for various business computing environments. Comparison of micro, mini, and mainframe operating systems is presented for the purpose of selecting an appropriate environment and configuration. Laboratory experience with business operating systems. The study of programming logic for designing and developing business-based applications. Students will gain extensive experience with a contemporary programming language in common use in business. PRQ: UBUS 310, OMIS 351, OMIS 352, or consent of department. CRQ: UBUS 311.

480. SEMINAR IN SUPPLY CHAIN MANAGEMENT (3). PRQ: OMIS 327, OMIS 352, OMIS 442, OMIS 452 and final semester of senior year. OMIS 478.

Other catalog change: Page 93, 2013-14 Undergraduate Catalog

Certificates of Undergraduate Study

Business Analytics Using SAP Software (12)

Required Courses:
- OMIS 444 – Manufacturing Technology Systems Management (3)

-College of Education

Department of Educational Technology, Research and Assessment

Course Revision

ETR 434. ASSESSING STUDENTS WITH SPECIAL NEEDS. … … PRQ: TLSE, SASE 240 or consent of department.

Department of Kinesiology and Physical Education

New Course

KNPE 148. CORE STRENGTH AND STABILITY (1). Concepts and application of strength and stability training as it relates to the musculature responsible for controlling spine position. Both traditional and contemporary exercises will be explored.
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

New Course

CIP Code: 31.0501

KNPE 189. OLYMPIC WEIGHTLIFTING (1). Concepts and application of Olympic weightlifting techniques and progression.

Department of Leadership, Educational Psychology and Foundations

Course Deletion

TLCI 450X. Classroom Management (2). … ….

New Course

CIP Code: 13.1203

EPS 382. EDUCATIONAL PARTICIPATION IN CLINICAL EXPERIENCE: MIDDLE LEVEL EDUCATION (1-2). Pre-student-teaching practicum. Observation and analysis of curriculum, instruction, assessment, and behavior management practices in multicultural middle grades classrooms (grades 5-8). Design, implementation, and evaluation of lesson plans. Requires a minimum of 16 clock hours per semester hour. May be repeated to a maximum of 4 semester hours. S/U grading. PRQ: Consent of department. CRQ: EPS 419.

Course Revision


Course Revision

EPS 406. ISSUES IN HUMAN DEVELOPMENT AND LEARNING IN THE MIDDLE SCHOOL AND HIGH SCHOOL YEARS (3). Cognitive, socioemotional, … … in grades 5-12 only. PRQ: PSYC 102. Minimum GPA of 2.50, … … participation in schools.

Course Revision

EPS 419: THE MIDDLE SCHOOL CHILD (3). Examination of the … … of forces. PRQ: EPS 304, EPS 405, or EPS 406 PSYC 102.

Course Revision

Page 113, 2013-2014 Undergraduate Catalog
EPS 450X: CLASSROOM MANAGEMENT (2). Crosslisted as TLCI 450. Applications of motivation and management principles and procedures to maintain a positive learning environment in classrooms.

Department of Literacy Education

Major in Elementary Education (B.S.Ed.)

- Requirements outside Department (50-52)
  - TLSE SESE 240, Introduction to Special Education (3)
  - TLCI 300 - The Community: An Educational Resource (2)
  - TLSE SESE 456 - Collaboration for Inclusive Teaching and Learning (3)

Total Hours for a Major in Elementary Education: 90-94

Department of Special and Early Education

All University Sections

A Guide to Reading This Catalog

Course Designators

- TLSC SEEC—Early Childhood Education
- TLSE SESE—Special Education
- SEVI—Visual Disabilities
- SOCI—Sociology

Limited Admissions and Limited Retention Requirements

Additional prerequisites for emphasis in 04 certification (12-15)

- TLSE SESE 240, Introduction to Special Education (3)

Additional prerequisites for emphasis in 04 certification with preschool special education approval (15-20)
## Course Revisions

### Undergraduate Catalog

<table>
<thead>
<tr>
<th>COURSES</th>
<th>TITLE</th>
<th>NEW DESIGNATOR</th>
<th>Other changes to description and/or requisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLSE 240</td>
<td>INTRODUCTION TO SPECIAL EDUCATION</td>
<td>SESE 240</td>
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<tr>
<td>TLSE 260</td>
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<tr>
<td>TLSE 375</td>
<td>LINKING STUDENT CHARACTERISTICS TO EDUCATIONAL INTERVENTIONS</td>
<td>SESE 375</td>
<td>PRQ: TLSE 375, LTSE 341, and LTRE 300.</td>
</tr>
<tr>
<td>TLSE 420</td>
<td>ACCESSING THE GENERAL CURRICULUM: ELEMENTARY TECHNOLOGY AND STUDENTS WITH DISABILITIES</td>
<td>SESE 420</td>
<td>PRQ: TLSE 375, LTSE 341, and LTRE 300.</td>
</tr>
</tbody>
</table>

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SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

TLSE SESE 240, Introduction to Special Education (3)

Elementary Education Major (Department of Literacy Education)

TLSE SESE 240, Introduction to Special Education (3)
### Course Revisions

<table>
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<tbody>
<tr>
<td>TLSE 450</td>
<td>EDUCATION OF STUDENTS WITH VISUAL IMPAIRMENTS</td>
<td>SEVI 400</td>
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</tr>
<tr>
<td>TLSE 451</td>
<td>ANATOMY, PATHOLOGY, AND FUNCTIONING OF THE EYE</td>
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<tr>
<td>TLSE 470</td>
<td>LITERARY BRAILLE</td>
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<tr>
<td>TLSE 471</td>
<td>ADVANCED BRAILLE</td>
<td>SEVI 421</td>
<td>PRQ: TLSE 470 and SEVI 420 or consent of department.</td>
</tr>
<tr>
<td>TLSE 472</td>
<td>COMMUNICATION SYSTEMS USED BY PERSONS WITH VISUAL IMPAIRMENTS</td>
<td>SEVI 440</td>
<td>PRQ: SEVI 410 and SEVI 420 or consent of department.</td>
</tr>
</tbody>
</table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Department Code(s)</th>
<th>PRQ:</th>
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</thead>
<tbody>
<tr>
<td>TLSE 473</td>
<td>INSTRUCTIONAL SYSTEMS FOR TEACHING STUDENTS WHO ARE VISUALLY IMPAIRED</td>
<td>SEVI 442</td>
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<tr>
<td>TLSE 474</td>
<td>BASIC ORIENTATION AND MOBILITY FOR TEACHERS OF PERSONS WITH VISUAL IMPAIRMENTS</td>
<td>SEVI 430</td>
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</tr>
<tr>
<td>TLSE 475</td>
<td>TEACHING ACTIVITIES OF DAILY LIVING TO PERSONS WITH VISUAL AND MULTIPLE DISABILITIES</td>
<td>SEVI 443</td>
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<tr>
<td>TLSE 476</td>
<td>INSTRUCTIONAL SYSTEMS FOR USE OF LOW VISION IN EDUCATIONAL SETTINGS</td>
<td>SEVI 441</td>
<td>PRQ: TLSE 451 SEVI 410 or consent of department.</td>
</tr>
<tr>
<td>TLSE 477</td>
<td>COLLABORATION AMONG SCHOOL PROFESSIONALS WORKING WITH STUDENTS WITH MULTIPLE IMPAIRMENTS</td>
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<tr>
<td>TLSE 479</td>
<td>ASSISTIVE TECHNOLOGY FOR INDIVIDUALS WITH VISUAL IMPAIRMENTS</td>
<td>SEVI 450</td>
<td>PRQ: TLSE 470 SEVI 420.</td>
</tr>
<tr>
<td>TLSE 481</td>
<td>FIELD EXPERIENCE IN SPECIAL EDUCATION: VISION IMPAIRMENTS</td>
<td>SEVI 480</td>
<td>PRQ: TLSE 460, SEVI 410, TLSE 420, SEVI 440, or consent of department.</td>
</tr>
<tr>
<td>TLSE 487</td>
<td>STUDENT TEACHING IN ELEMENTARY SPECIAL EDUCATION: VISION IMPAIRMENTS</td>
<td>SEVI 484</td>
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</tr>
<tr>
<td>TLSE 488</td>
<td>STUDENT TEACHING IN SECONDARY SPECIAL EDUCATION: VISION IMPAIRMENTS</td>
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<td></td>
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Course Revision

Page 122, 2013-14 Undergraduate Catalog

TLSE 423. **OBSERVATION AND ASSESSMENT IN EARLY CHILDHOOD SPECIAL EDUCATION** (3). Identification and diagnosis of infants, toddlers, Recommended practices and strategies for conducting formal and informal assessment of young children including physical, communication, early academic and academic, adaptive, and social-emotional development as well as assessment of center/classroom-based settings and natural (birth to eight years) with special needs and assessment of family concerns, priorities, and resources and early childhood environments. Includes data analysis and data-based decision making. PRQ: TLSE 240.

Course Revision

Page 122, 2013-14 Undergraduate Catalog

TLSE 424. **INSTRUCTIONAL SYSTEMS FOR THE EDUCATION OF METHODS AND STRATEGIES FOR PROMOTING DEVELOPMENT AND TEACHING INFANTS, TODDLERS, AND YOUNG CHILDREN WITH DISABILITIES AND SPECIAL NEEDS** (3). Instructional Methods, strategies and curricular models for Recommended practices and evidence-based curricula for promoting development and teaching infants, toddlers, and young children (birth to eight years) with disabilities and special needs in classroom and natural settings. PRQ: TLSE 240.
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

TLSE 426. WORKING WITH AND SUPPORTING FAMILIES OF YOUNG CHILDREN WITH DISABILITIES AND SPECIAL NEEDS (3). Strategies to promote positive and productive family/professional relationships and family-centered, team-based models of practice for working with and supporting families of young children (birth to eight years) with disabilities and their families (birth to eight years). PRQ: TLSE 240.

Course Revision

TLSE 427. ISSUES AND RECOMMENDED PRACTICES IN EARLY CHILDHOOD SPECIAL EDUCATION (1–3). Trends, issues, and concerns, and recommended practices in the field of early intervention/early childhood special education (birth to eight years of age). In-depth analysis of current issues in the field related to children with disabilities and special needs and children at risk and their families, service providers, and other early childhood professionals. May be repeated to a maximum of 3 semester hours. PRQ: TLSE 240, SESE 423 and SESE 424 and SESE 426.

Course Revision

TLSE 450. EDUCATION OF STUDENTS WITH VISUAL IMPAIRMENTS (3). Introduction to … … related to blindness. PRQ: Consent of department.

Course Revision

TLSE 457. SYSTEMS FOR INTEGRATING THE EXCEPTIONAL STUDENT IN THE REGULAR CLASSROOM METHODS FOR INCLUDING MIDDLE AND SECONDARY STUDENTS WITH EXCEPTIONALITIES IN THE GENERAL EDUCATION CLASSROOM (3). Designed to provide preservice and inservice secondary and vocational educators information with knowledge and skills necessary to accommodate exceptional students placed in regular school settings. Establishment and implementation of Individual Educational Programs and other concerns encompassed under the Individuals with Disabilities Education Improvement Act of 2004 (Public Law 108-446) and the Regulations of Section 504 of the Rehabilitation Act of 1973. Does not count toward a degree program in special education. Make adaptations for middle and high school learners with exceptionalities in the general education classroom. Provides an overview of relevant laws and legal issues, evidence-based methods, assistive technologies, collaboration skills, ways of differentiating lessons, and information about disabilities and exceptionalities. Does not count toward degree program in special education. PRQ: Junior standing and PHHE 220 or ARTE 344 or FCNS 240 or ILAS 201 or MUSC 275.

Course Revision

TLSE 473. INSTRUCTIONAL SYSTEMS FOR TEACHING STUDENTS WHO ARE VISUALLY IMPAIRED (3). Methods, materials, … … multiple disabilities. PRQ: GPA of at least 2.75, successful completion of the ICTS Test of Academic Proficiency, and SEVI 400 and SEVI 410 and SEVI 420 and SEVI 421 and SEVI 430 and SEVI 440 and SEVI 441 and SEVI 450 and SEVI 481; or consent of department.
Emphasis in 04 Certification with Preschool Special Education Approval

↑ Core Requirements (61-65)

TLSE SEEC 282 - Educational Participation in Clinical Experiences: Early Childhood Education (1-2)
TLSE SEEC 340 - The Language Arts and Social Studies for the Primary Child (3)
TLSE SEEC 343 - Teaching Science and Mathematics to Children Ages 5-8 (3)
TLSE SEEC 382 - Practicum in Early Childhood Studies (3)
TLSE SEEC 403 - Primary Curriculum (3)
TLSE SEEC 430 - Preschool and Kindergarten Curriculum (3)
TLSE SEEC 485A - Student Teaching in Preschool-Kindergarten (6)
TLSE SEEC 485B - Student Teaching in Primary (6)
TLSE SESE 240 - Introduction to Special Education (3)

Requirements in Department (21)

TLSE SEEC 300 - Observation and Assessment of Young Children (3)
TLSE SEEC 401 - Play Development of the Young Child (3)
TLSE SEEC 410 - Trends and Issues in Early Childhood Education (3)
TLSE SEEC 425 - Democracy in the Early Childhood Classroom (3)
TLSE SESE 423 - Observation and Assessment in Early Childhood Special Education (3)
TLSE SESE 424 - Instructional Systems for the Education of Infants, Toddlers, and Young Children with Disabilities and Special Needs (3)
TLSE SESE 426 - Working with and Supporting Families of Young Children with Disabilities and Special Needs (3)

Major in Special Education (B.S.Ed.)

To be admitted to teacher education in special education, students must have a minimum NIU GPA of 3.0 and must have successfully completed the ICTS Test of Basic Skills. To remain a major in special education, students must earn a grade of C or better in TLSE SESE 240, ETR 434, TLSE SESE 375, TLSE SESE 420, TLSE SESE 435, TLSE SESE 440, TLSE SESE 445, TLSE SESE 452, TLSE SESP 454, and TLSE SESE 455. In addition, students must earn a grade of S in the clinical courses TLSE SESE 260, TLSE SESE 466, TLSE SESE 467, and TLSE SESE 468. Early clinical experiences in special education must equal a minimum of 100 contact hours. Students who do not meet these requirements must retake the course(s). Students are required to maintain a minimum GPA of 2.75.

↑ Emphasis 1. Learning Behavior Specialist 1

↓
**SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog**

### Requirements in Department (53)

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<th>Course Code</th>
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<td>TLSE 240</td>
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<td>Linking Student Characteristics to Educational Interventions (3)</td>
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<td>TLSE 420</td>
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<td>Accessing the General Curriculum: Elementary II (3)</td>
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<td>TLSE 440</td>
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<td>TLSE 452</td>
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<td>TLSE 454</td>
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<td>TLSE 468</td>
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<td>TLSE 484</td>
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<tr>
<td>TLSE 494</td>
<td>Capstone Seminar in Special Education (1)</td>
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</tbody>
</table>

### Other Requirements (22-26)

General requirements for teacher certification, in addition to *MATH 201, *PSYC 102, and EPFE 201 or *BKST 211 or *ILAS 123 KNPE 490 - Adapted Physical Education (3) AND KNPE 492 - Special Physical Education Clinic Practicum (1), OR TLSE SESE 453 – Transition Planning Using Technology (2-3)

### Emphasis 2. Vision Impairments

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<th>Course Code</th>
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<td>TLSE 450</td>
<td>Education of Students with Visual Impairments (3)</td>
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<td>TLSE 451</td>
<td>Anatomy, Pathology, and Functioning of the Eye (3)</td>
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<td>TLSE 452</td>
<td>- Literacy Braille (3)</td>
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<td>TLSE 472</td>
<td>Advanced Braille (3)</td>
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<td>TLSE 474</td>
<td>Communication Systems Used By Persons with Visual Impairments (3)</td>
</tr>
<tr>
<td>TLSE 442</td>
<td>Instructional Systems for Teaching Students Who Are Visually Impaired (3)</td>
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<tr>
<td>TLSE 443</td>
<td>Basic Orientation and Mobility for Teachers of Persons with Visual Impairments (3)</td>
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<tr>
<td>TLSE 444</td>
<td>Instructional Systems for Use of Low Vision in Educational Settings (3)</td>
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<tr>
<td>TLSE 450</td>
<td>Assistive Technology for Individuals with Visual Impairments (3)</td>
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<tr>
<td>TLSE 480</td>
<td>Field Experience in Special Education (4)</td>
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<tr>
<td>TLSE 483</td>
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<tr>
<td>TLSE 484</td>
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Other Catalog Change  

Course List  
Early Childhood Education (TLEC SEEC)  
↓  
Special Education (TLSE SESE)  

COLLEGE OF ENGINEERING AND ENGINEERING TECHNOLOGY  

Department of Electrical Engineering  

Course Revisions  
2013-14 Undergraduate Catalog  

440. POWER ELECTRONICS (3). Introduction to concepts … … and ripple. PRQ: ELE 315 and ELE 330 and ELE 340.  

441. ELECTRIC DRIVES (3). Advanced discussion … … drive system. PRQ: ELE 315 and ELE 330 and ELE 340.  

Other Catalog Changes  
2013-14 Undergraduate Catalog  

Major in Electrical Engineering (B.S.)  

Emphasis 1. Electrical and Computer Engineering  
↓  
Requirements outside Department (45-47)  
↓  
PHYS 283 – Fundamentals of Physics III: Quantum Physics (3)  
STAT 350 – Introduction to Probability and Statistics Credits (3)  
OR ISYE 335 – Statistics for Engineering Credits (3)  
ISYE 335 – Probability and Statistics for Engineers (3)  
OR STAT 350 – Introduction to Probability and Statistics (3)  
UEET 101 – Introduction to Engineering (1)  

Other Catalog Changes  
2013-14 Undergraduate Catalog  

Major in Electrical Engineering (B.S.)  
↓  
Emphasis 2. Biomedical Engineering  
↓  
Track 1
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

Requirements outside Department (59-61, 63-65)
- BIOS 208 – Fundamentals of Biology I (3)
- BIOS 210 – Fundamentals of Biology I Laboratory (1)
- BIOS 311 – Functional Human Anatomy (4), OR BIOS 357 – Human Anatomy and Physiology (5)
  - PHYS 283 – Fundamentals of Physics III: Quantum Physics (3)
  - STAT 350 – Introduction to Probability and Statistics (3), OR ISYE 335 – Statistics for Engineering Credits (3)
  - ISYE 335 – Probability and Statistics for Engineers (3)
  - OR STAT 350 – Introduction to Probability and Statistics (3)
- UEET 101 – Introduction to Engineering (1)

Electives (5-11, 6)
Choose 5-11 credit hours from the following:

Track 2

Requirements outside Department (62)
  - PHYS 283 – Fundamentals of Physics III: Quantum Physics (3)
  - STAT 350 – Introduction to Probability and Statistics (3), OR ISYE 335 – Statistics for Engineering Credits (3)
  - ISYE 335 – Probability and Statistics for Engineers (3)
  - OR STAT 350 – Introduction to Probability and Statistics (3)
- UEET 101 – Introduction to Engineering (1)

Electives (6)
Choose 3 semester hours from ELE courses numbered 400 or higher with the exception of ELE 420, ELE 421, ELE 425, ELE 429, ELE 491, ELE 492, ELE 497, and ELE 499.

Choose 6 semester hours from the following; at least 3 semester hours of which must be from the College of Engineering and Engineering Technology:
- ELE 421 - Biomedical Sensor Engineering (3)
- PHYS 335 - Biophysics (3)

Total Hours for Emphasis 2, Biomedical Engineering: 108-112

Department of Industrial and Systems Engineering

Course Revisions 2013-14 Undergraduate Catalog
335. **PROBABILITY AND STATISTICS FOR ENGINEERING ENGINEERS** (3). … …

421. **INTRODUCTION TO GREEN ENGINEERING** (3). *Crosslisted as ENVS 421X* … …

**Other Catalog Change:** 2013-14 Undergraduate Catalog

**Major in Industrial and Systems Engineering (B.S.)**

Requirements in Department (45)

| ISYE 335 - Probability and Statistics for Engineering Engineers (3) |
| Emphasis 1. Health Systems Engineering |
| Requirements in Department (45) |
| ISYE 335 - Probability and Statistics for Engineering Engineers (3) |
| Emphasis 3. Engineering Management |
| Requirements in Department (45) |
| ISYE 335 - Probability and Statistics for Engineering Engineers (3) |

**Other Catalog Change**  Page 135, 2013-14 Undergraduate Catalog

**Minor in Sustainable Engineering (20-21)**

Technical Elective Courses (5-6)

Select two Courses

| TECH 245 - Pollution Resilience, Prevention, and the Cost of Doing Business Pollution Prevention and Sustainable Production (3) |

**Department of Mechanical Engineering**

**New Courses** 2013-14 Undergraduate Catalog

CIP Code: 014.1901

432. **LASER MATERIALS PROCESSING** (3). Basic operation of lasers and their application in various industrial settings. Subjects include: laser welding, heat treating, cladding, assisted machining of ceramics, additive manufacturing. In addition to lecture, the course has scheduled laboratory sessions. **PRQ: MEE 331.**

Course Revision: 2013-14 Undergraduate Catalog

212. STRENGTH MECHANICS OF MATERIALS (3). Mechanics of deformable bodies with emphasis on principles of stresses and strains, shear and bending moments, torsion, buckling, failure criteria and design concepts. PRQ: MEE 210.

Other Catalog Change: 2013-14 Undergraduate Catalog

Major in Mechanical Engineering (B.S.)
Requirements in Department (65-66)

MEE 212 – Strength Mechanics of Materials (3)

Group-A: Design-oriented electives

MEE 431 – Composite Materials (3)
MEE 432 – Laser Materials Processing (3)
MEE 433 – Advanced Manufacturing Processes (3)
MEE 451 – Refrigeration and Air Conditioning (3)

Requirements outside Departments (42)

ISYE 220 – Engineering Economy (3)

ISYE 335 – Probability and Statistics for Engineers (3)
OR STAT 350 – Introduction to Probability and Statistics (3)
MATH 336 – Ordinary Differential Equations (3)
STAT 350 – Introduction to Probability and Statistics (3)
OR ISYE 335 – Statistics for Engineering (3)

MEE 335 – Probability and Statistics for Engineers (3)
OR STAT 350 – Introduction to Probability and Statistics (3)

*PHYS 253 – Fundamentals of Physics I: Mechanics (4)

Total Hours for a Major in Mechanical Engineering: 107-108

Department of Technology

All University Section
University Graduation Requirements

General Education Requirements

Interdisciplinary Studies (3-6)

TECH 245. POLLUTION PESTILENCE, PREVENTION, AND THE COST OF DOING BUSINESS: POLLUTION PREVENTION AND SUSTAINABLE PRODUCTION (3). Study of environmental and occupational health issues with an impact on the safety and health of employees and the general population related to the design, manufacture, and application of technology. Analysis of case studies to evaluate potentially adverse outcomes, injury, illness, environmental impact, etc., in relation to existing legislation (EPA, OSHA, HSA) and the existing public policies. Economic impact of adverse environmental and safety issues in the private sector and prevention through compliance with environmental regulations and voluntary standards (EPA, OSHA, ISO). Application and implementation of environmentally sustainable design and manufacturing, and pollution prevention practices. Technology majors cannot use TECH 245 for general education credit.

General Education Course Titles

Interdisciplinary Studies (3-6)

TECH 245. Pollution Pesticide, Prevention, and the Cost of Doing Business. Pollution Prevention and Sustainable Production (3)

Departmental Changes

New Course: 2013-14 Undergraduate Catalog

302. GRAPHIC PRESENTATION AND COMMUNICATION (3). Graphical communication methodology and data presentation within written and oral formats. Utilization of manufacturing graphics produced in a CAD environment. Integration of proper writing techniques, data, and theory into technical reports and short communications using drawings, charts, and graphs for industrial applications. PRQ: TECH 211 and Tech 265.

Course Revisions: 2013-14 Undergraduate Catalog

245. POLLUTION PESTILENCE, PREVENTION, AND THE COST OF DOING BUSINESS: POLLUTION PREVENTION AND SUSTAINABLE PRODUCTION (3). Study of environmental and
occupational health issues with an impact on the safety and health of employees and the general population related to the design, manufacture, and application of technology. Analysis of case studies to evaluate potentially adverse outcomes. (Injury, illness, environmental impact, etc.) in relation to existing legislation (EPA, OSHA, HSA) and the existing public policies. Economic impact of adverse environmental and safety issues in the private sector and prevention through compliance with environmental regulations and voluntary standards (EPA, OSHA, ISO). Application and implementation of environmentally sustainable design and manufacturing, and pollution prevention practices. Technology majors cannot use TECH 245 for general education credit.

270. ELECTRICAL FUNDAMENTALS AND CIRCUIT ANALYSIS I (3). Introduction to sinusoidal current. PRQ: MATH 155 with a C or better; and either PHYS 211 or both TECH 175 and TECH 175A, TECH 175 with a C or better. CRQ: TECH 270A.

305. GREEN TECHNOLOGIES (3). Introduction to trends in industry. Several on-site visits to green industries in the region. PRQ: MATH 155 with a C or better, MATH 211 or MATH 229 or MATH 230, CHEM 100 or CHEM 110 or CHEM 210 or PHYS 140.

313. PRODUCT DESIGN AND DEVELOPMENT FOR MANUFACTURABILITY (3). Techniques for product prototypes. PRQ: MATH 155 with a C or better, TECH 211 and TECH 265, and TECH 311 or TECH 342.

326. FLUID POWER TECHNOLOGY (3). Fluid power control components. PRQ: PHYS 150A or PHYS 210 and MATH 230, or consent of department.

344. MATERIALS AND PROCESSES IN THE PLASTICS INDUSTRY (3). Laboratory welding. PRQ: CHEM 110 or CHEM 210, and MATH 155 with a C or better, and TECH 265 or MEE 330.

377. MICROPROCESSORS, MICROCONTROLLERS, AND INTERFACING (3). Analysis of microprocessors, microcontrollers with emphasis on architecture, instruction set, state diagrams, machine cycles, and interfacing techniques. PRQ: TECH 277. CRQ: TECH 377A.


393. STRUCTURE AND PROPERTIES OF MATERIALS (3). Comprehensive coverage of industrial uses. PRQ: MATH 155 with a C or better, and CHEM 110 and CHEM 111, or CHEM 210 and CHEM 212, and TECH 265.

414. COMPUTER-AIDED MACHINE DESIGN (3). Features-based design data. PRQ: PHYS 150A, TECH 265, and TECH 279.

473. ADVANCED DIGITAL DESIGN (3). Application-oriented synthesis platform. PRQ: TECH 277 and TECH 277A, TECH 277 and TECH 277A.
492. MANUFACTURING DISTRIBUTION APPLICATIONS (3). Applications of … … standards. PRQ: TECH 265 and TECH 401, STAT 208 or STAT 301, or consent of the department.

496. INDUSTRIAL PROJECT MANAGEMENT (3). Concepts, principles, … … project required. PRQ: ENGL 308 or MGMT 346, and TECH 265, TECH 401, TECH 429, and TECH 434. TECH 429 or TECH 419, and TECH 415 or TECH 416 and senior status or consent of the department.

Other Catalog Change:

Major in Technology (B.S.)

Emphasis 1. Electrical Engineering Technology
Requirements in Department (66-67)

TECH 175 - Electricity and Electronics Fundamentals (3)
TECH 175A - Electricity and Electronics Fundamentals Laboratory (1)
TECH 211 - Computer Aided Design (3)

| TECH 277A - Digital Logic Design Laboratory (1) |

| TECH 302 - Graphic Presentation and Technical Communication (3) |

| OR ENGL 308 - Technical Writing (3), OR MGMT 346 - Business Communications (3) |

| TECH 375 - Control Systems (3) |

| TECH 377 - Microprocessors Microcontrollers and Interfacing (3) |

| TECH 377A - Microprocessors Microcontrollers and Interfacing Laboratory (1) |

| TECH 378 – Communication System Design I (3) |

| Requirements outside Department (29-30) |

| CSCI 240 – Computer Programming in C++ (4) |

| ENGL 308 - Technical Writing (3), OR MGMT 346 - Business Communications (3) |

| *MATH 155 – Trigonometry and Elementary Functions (3) |

| PHYS 210 – General Physics I(4), OR PHYS 253 – Fundamentals of Physics I: Mechanics (4) |

| PHYS 211 – General Physics II (4) |

| STAT 208 – Basic Statistics (3) |

Total Hours for Emphasis 1, Electrical Engineering Technology: 99-100

Emphasis 2. Manufacturing Engineering Technology
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

Requirements in Department (22-24) (75-76)

| TECH 295 – Manufacturing Computer Applications (3),  
| OR CSCI 215 Visual Basic (4)  
| TECH 302 – Graphic Presentation and Technical Communication (3)  
| OR ENGL 308 - Technical Writing (3),  
| OR MGMT 346 - Business Communications (3)  

| TECH 393 – Structure and Properties of Materials (3)  
| TECH 415: Applied Industrial Experimental Analysis (3)  

Course work from Select two of the following (9-10) (6)

| TECH 344 – Materials and Processes in the Plastics Industry (3)  
| TECH 345 – Plastic Molding Processes (4)  
| TECH 365 - Metrology (3)  
| TECH 415 – Applied Industrial Experimental Analysis (3)  
| TECH 416 - Heating, Ventilating and Air Conditioning Technology (3)  
| TECH 417 - Design for Energy Efficiency and Green Materials (3)  
| TECH 427 - Testing Methods, Procedures, and Selection of Sustainable Plastics (3)  
| TECH 479 - Special Topics in Engineering Technology (3)  

Requirements outside Department (25-26) (22-23)

*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 308 – Technical Writing (3),  
OR MGMT 346 - Business Communications (3)  
*MATH 155 – Trigonometry and Elementary Functions (3)  

Total Hours for Emphasis 2, Manufacturing Engineering Technology: 100-102

Emphasis 3. Nuclear Engineering Technology

Requirements in Department (44-46)

| TECH 175 – Electricity and Electronics Fundamentals (3)  
| TECH 265 – Basic Manufacturing Processes (3)  
| TECH 302 – Graphic Presentation and Technical Communication (3)  
| OR ENGL 308 - Technical Writing (3),  
| OR MGMT 346 - Business Communications (3)  
| TECH 443 – Engineering Economy (3)  

Total Hours for Emphasis 3, Nuclear Engineering Technology: 104-106
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

Requirements outside Department (29-30)(26-27)

- CSCI 240 – Computer Programming in C++
- ENGL 308 – Technical Writing (3)
  OR MGMT 346 – Business Communications (3)
- *MATH 155 – Trigonometry and Elementary Functions (3)

Total Hours for Emphasis 3, Nuclear Engineering Technology: 90-91

Emphasis 4. Industrial Management and Technology

Requirements in Department (62-72)(72-77)

- TECH 265 – Basic Manufacturing Processes (3)
- TECH 302 – Graphic Presentation and Technical Communication (3)
  OR ENGL 308 - Technical Writing (3)
  OR MGMT 346 - Business Communications (3)
- TECH 391 – Industrial Quality Control (3)
- TECH 404 – Supervision in Industry (3)
- TECH 406 – Facilities Management Technology (3)
- TECH 415 - Applied Industrial Experimental Analysis (3)
- TECH 429 – Plant Location, Layout, and Materials Handling (3)

Computer-Aided Design (24-25)

Two of the following (6-2)

- TECH 260 – Metal Fabrication Processes (3)
- TECH 344 – Materials and Processes in the Plastics Industry (3)
- TECH 345 – Plastic Molding Processes (4)
- TECH 409 – Internship (3)
- TECH 417 – Design for Energy Efficiency and Green Materials
- TECH 420 – Computer-Integrated Manufacturing (3)
- TECH 427 - Testing Methods, Procedures, and Selection of Sustainable Plastics (3)

Electronics Technology (25-26)

- TECH 377 - Microprocessors, Microcontrollers and Interfacing (3)
- TECH 377A - Microprocessors, Microcontrollers and Interfacing Laboratory (1)

Environmental Safety and Health (24)
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

TECH 245 - Pollution, Resilience, Prevention, and the Cost of Doing Business *Pollution Prevention and Sustainable Production (3)
TECH 432 - Disaster Preparedness (3)
TECH 436 – Design and Administration of Industrial Safety Programs (3)
TECH 437 – Fundamentals of Industrial Hygiene (3)
TECH 441 – Hazard Control in Industrial Operations (3)
TECH 481 - Ergonomics (3)

Two of the following (6)
- TECH 409 - Internship (3)
- TECH 411 - Greening Industrial Operations (3)
- TECH 432 - Disaster Preparedness (3)
- TECH 433 - Toxicology for Industry (3)
- TECH 435 - Legal Aspects of Safety (3)
- TECH 481 - Ergonomics (3)
- TECH 483 - Applied Ergonomics (3)
- TECH 485 - Risk Management (3)

Manufacturing Technology (24-25)

Two of the following (6-2)
- TECH 312 - Design Dimensioning and Tolerancing (3)
- TECH 344 - Materials and Processes in the Plastics Industry (3)
- TECH 345 - Plastic Molding Processes (4)
- TECH 409 - Internship (3)
- TECH 417 - Design for Energy Efficiency and Green Materials (3)
- TECH 427 - Testing Methods, Procedures, and Selection of Sustainable Plastics (3)

Special Technical Study (23)

Requirements outside Department (20-21) [17-18]

* MATH 155 – Trigonometry and Elementary Functions (3)
- MGMT 346 – Business Communications (3), OR ENGL 308 – Technical Writing (3)
* PHYS 150A – Physics (4)

Total hours for Emphasis 4, Industrial Management and Technology: 87-92

Emphasis 5. Aviation Management Technology

Requirements in Department (42) [45]

TECH 302 - Graphic Presentation and Technical Communication (3)
- OR ENGL 308 - Technical Writing (3)
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<tr>
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<th>Credits</th>
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<tr>
<td>TECH 391</td>
<td>Industrial Quality Control (3)</td>
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<td><strong>Requirements outside Department (20)</strong></td>
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<tr>
<td>*CHEM 111</td>
<td>Chemistry Laboratory (1)</td>
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<tr>
<td>ENGL 308</td>
<td>Technical Writing (3)</td>
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<td>*MATH 155</td>
<td>Trigonometry and Elementary Functions (3)</td>
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<td></td>
<td><strong>Total Hours for Emphasis 5, Aviation Management Technology: 93</strong></td>
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**Emphasis 6. Energy and Environmental Technology**

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<tbody>
<tr>
<td>TECH 245</td>
<td>Pollution, Pestilence, Prevention, and the Cost of Doing Business (3)</td>
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<tr>
<td>TECH 262</td>
<td>Machine Production Processes (3)</td>
</tr>
<tr>
<td>TECH 265</td>
<td>Basic Manufacturing Processes (3)</td>
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<tr>
<td>TECH 295</td>
<td>Manufacturing Computer Applications (3), OR CSCI 215 - Visual Basic (4)</td>
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<td></td>
<td><strong>TECH 302: Graphic Presentation and Technical Communication (3)</strong></td>
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<td></td>
<td>OR ENGL 308 - Technical Writing (3), OR MGMT 346 - Business Communications (3)</td>
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<tr>
<td>TECH 305</td>
<td>Green Technologies (3), OR ENVS 305 – Green Technologies (3)</td>
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<td>TECH 326</td>
<td>Fluid Power Technology (3)</td>
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<td>TECH 426</td>
<td>Electric Systems Applications for Alternative Energy (3)</td>
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<tr>
<td>TECH 432</td>
<td>Disaster Preparedness (3)</td>
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<td>TECH 443</td>
<td>Engineering Economy (3)</td>
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<tr>
<td>TECH 445</td>
<td>Industrial Energy Utilization and Environmental Impacts (3)</td>
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<td>TECH 484</td>
<td>Energy Management (3)</td>
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<td>TECH 496</td>
<td>Industrial Project Management (3)</td>
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**Technical Electives (6)**

Two of the following:

<table>
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<tbody>
<tr>
<td>ENVS 301</td>
<td>Environmental Sciences I: Physical Systems (3)</td>
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<tr>
<td>ENVS 302</td>
<td>Environmental Sciences II: Biological Systems (3)</td>
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<tr>
<td>GEOG 455</td>
<td>Land-Use Planning (3)</td>
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<td>GEOG 459</td>
<td>Geographic Information Systems (3)</td>
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<tr>
<td>TECH 231</td>
<td>Safety Programs (3)</td>
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<tr>
<td>TECH 311</td>
<td>Computer-Aided Modeling (3)</td>
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</tbody>
</table>
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

TECH 409 - Internship (3)
TECH 415 - Applied Industrial Experimental Analysis (3)
TECH 425 - Programmable Electronic Controllers (3)
TECH 427 - Testing Methods, Procedures, and Selection of Sustainable Plastics (3)
TECH 436 - Design and Administration of Industrial Safety Programs (3)
TECH 437 - Fundamentals of Industrial Hygiene (3)
TECH 440 - Monitoring and Evaluating Exposures to Hazardous Materials (3)
TECH 479 - Special Topics in Engineering Technology (3)

Requirements outside Department (30-31) (27-28)

↓

OR *CHEM 210 – General Chemistry I (3) – AND *CHEM 212 – General Chemistry Laboratory I (1)
ENGL 308 - Technical Writing (3)
OR MGMT 346 - Business Communications (3)
ENVS 304 – Environmental Law, Policy, and Economics (3)

Total Hours for Emphasis 6, Energy and Environment Technology: 91-93

Other Catalog Change
2013-14 Undergraduate Catalog

Minor in Energy Technology (24)

↓

TECH 245 - Pollution, Pestilence, Prevention, and the Cost of Doing Business, Pollution Prevention and Sustainable Production (3)

↓

Minor in Environmental Management Systems

↓

TECH 245 - Pollution, Pestilence, Prevention, and the Cost of Doing Business, Pollution Prevention and Sustainable Production (3)
TECH 406 - Facilities Management Technology (3)

↓

Minor in Safety (24)

↓

TECH 245 - Pollution, Pestilence, Prevention, and the Cost of Doing Business, Pollution Prevention and Sustainable Production (3)
TECH 432 - Disaster Preparedness (3)
TECH 434 - Human Factors in Industrial Accident Prevention (3)
TECH 436 - Design and Administration of Industrial Safety Programs (3)
TECH 437 - Fundamentals of Industrial Hygiene (3)
TECH 481 - Ergonomics (3)
Two of the following (6)

TECH 431 - Industrial Ventilation (3)
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog p. 23 of 109

TECH 432 - Disaster Preparedness (3)
TECH 433 - Toxicology for Industry (3)

COLLEGE OF HEALTH AND HUMAN SCIENCES
School of Allied Health and Communicative Disorders

All University Section
Limited Admissions and Limited Retention

Medical Laboratory Sciences Major
(School of Allied Health and Communicative Disorders)

To be considered ……… on the overall GPA. Letters of recommendation and the personal goal statement are important and additional considerations as indicated in the application letter. Transfer students ……. on a 4.00 scale.

Students interested in the MLS major may access application materials on the website: http://www.chhs.niu.edu/cls/. Applicants must submit the required materials by February/March 1. Notification of medical laboratory sciences program admission status will be made by March/April 1. Additional applications may be considered before May 1 June 15 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.

School Sections

Course Deletions Page 161, 2013-14 Undergraduate Catalog

Rehabilitation Services (AHRS)

401. ORIENTATION TO DEAF-BLINDNESS (3).
402. ASSESSMENT AND APPLICATION OF SERVICES FOR DEAF-BLIND INDIVIDUALS (3).
403. TOPICS IN DEAF-BLINDNESS (3).

Course Revision Page 159, 2013-14 Undergraduate Catalog

AHLS 471. MEDICAL LABORATORY SCIENCE LECTURE SERIES MOLECULAR TESTING AND ADVANCED LECTURES (6). Advanced lectures and practical assessment in medical laboratory sciences
Major in Medical Laboratory Sciences (B.S.)

- Requirements in School (63-67) (60-64)
  - AHLS 471 - Medical Laboratory Science Lecture Series Molecular Testing and Advanced Lectures (6)
  - AHLS 472 - Diagnostic Molecular Biology (2)
  - AHLS 475 - Medical Laboratory Sciences Competency (1)

- Requirements outside School (34-35)
  - CHEM 370 - Introductory Biochemistry (3)
  - or BIOS 303 - Cell Biology (3)

Total Hours for a Major in Medical Laboratory Sciences: **97-102** (94-99)

Certificate of Undergraduate Study: Deaf-Blind Rehabilitation Services (15)

- AHCD 480 - Practicum: Rehabilitation Services (3)
- AHRS 498 - Tutorial in Communicative Disorders (3)

School of Family, Consumer and Nutrition Sciences

New Courses

- CIP CODE: 51.3101

Nutrition, Dietetics, and Hospitality Administration

- 304. FOOD AND BEVERAGE OPERATIONS (3). Principles of food and beverage operations. Application of established standards, techniques, and practices of food and beverage management including styles of
dining room services, menu design, purchasing, storing, and controlling restaurant supplies and equipment, legal issues on serving alcoholic beverages, food sanitation, revenue and cost control, restaurant facility design, customer service, and labor management. PRQ: FCNS 202.

314. HOSPITALITY FACILITY MANAGEMENT (3). An overview of the operation of hospitality facilities, including operating costs for various types of facilities, types and characteristics of major building systems, renovation and design issues specifically related to the hospitality industry. Environmentally sustainable hotel management is discussed with a broad range of topics including global certifications. PRQ: FCNS 302. CRQ: MGMT 333.

399. EXPERIENCES IN HOSPITALITY MANAGEMENT II (3-30). Approved advanced experiences and related training programs supervised by a professional specialist. When credit is earned in conjunction with FCNS 299, Experiences in Hospitality Management I, total credit hours in both courses may not exceed 30 semester hours. PRQ: Consent of school.

411. YIELD MANAGEMENT IN THE HOSPITALITY INDUSTRY (3). Exploration of competitive benchmarking, demand forecasting and distribution using case analysis, internal and external measurement tools, tactical pricing and packaging in the hospitality operation. Topics include demand forecasting in hospitality operation, channel and hotel room inventory management, and yield management software application. PRQ: FCNS 302 and ECON 260.

491. LEADERSHIP SEMINAR IN HOSPITALITY AND TOURISM (2). Address key characteristics and practices of hospitality leaders and leadership skills required to develop high-performance teams and employee empowerment. PRQ: FCNS 418.

492. DISTINGUISHED SPEAKER SERIES (1-2). Industry leaders representing the hospitality and tourism industries are invited to speak on their vision and the challenges that they face. May be repeated to a maximum of two semester hours when subjects vary. PRQ: Consent of school.

495. INTERNSHIP IN HOSPITALITY MANAGEMENT (1-15). Supervised participation in professional settings. Students will be assigned to experiences appropriate to their professional interests in the hospitality industry. PRQ: FCNS 302 with a grade of C or better or FCNS 316 with a grade of C or better, and FCNS 498 with a grade of C or better.

New Course

Textiles, Apparel, and Merchandising

389. EXPERIENCES IN TEXTILES, APPAREL, AND MERCHANDISING II (3-30). Approved advanced learning experiences and related training programs supervised by a professional specialist. When credit is earned in conjunction with FCNS 289, Experiences in Textiles, Apparel, and Merchandising I, total credit
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

hours in both courses may not exceed 30 semester hours. PRQ: Consent of school.

Course Revision

Page 169, 2013-14 Undergraduate Catalog

General

431. INTERNSHIP (1–15).
A. Child Development
B. Family Social Services
C. Hospitality Administration
D. Family and Consumer Sciences Education
E. Nutrition and Dietetics

Supervised participation … as may apply to internships according to major. PRQ for 431C: FCNS 302 with a grade of C or better, FCNS 316 with a grade of C or better, and FCNS 498 with a grade of C or better.

Course Revisions

Page 169-170, 2013-14 Undergraduate Catalog

Nutrition, Dietetics, and Hospitality Administration


316. HOSPITALITY SERVICE (3). Principles and practices of service excellence within the hospitality industry. Presents an overview of service management in the hospitality industry including: emphasis on food and beverage service, design, evaluation, and management of hospitality service delivery systems, including dining etiquette, introduction to wine production, selection, and service. Certification in Training Intervention Procedures for Servers (TIPS) will be completed. PRQ: NDIA major or minor and at least junior standing. PRQ: FCNS 202 and hospitality management major.

413. MEETING, EVENT, AND CONVENTION MANAGEMENT (3). Theory and fundamental concepts of meeting, event, and convention management. Includes the foundation and structure of the meeting industry, site selection, facility contractual issues, meeting budget management, industry associations, Convention and Visitors Bureaus, meeting destinations, sponsors, meeting technology, convention and conference centers, and catering management. Career exploration is also discussed. Explore team-building strategies. PRQ: FCNS 413 with a grade of C or better.

417. TRADE SHOW AND EXHIBITION MANAGEMENT (3). Study of tradeshow and exhibition management. Includes varieties of exhibitions, trade show planning, on-site operations, and design of exhibitor prospects, marketing materials, and floor plans, legal considerations, registration and data management, specification and work orders, service contractors, housing management, and international exhibitions. PRQ: FCNS 413 with a grade of C or better and at least junior standing.

418. MANAGING HUMAN RESOURCES IN THE HOSPITALITY INDUSTRY (3). Fundamental
425. HOSPITALITY ADMINISTRATION MANAGEMENT (3). Application of cost control principles to hospitality industry with focus on financial statement analysis, management of assets, ratio analysis, operating budgeting, and cash management. PRQ: ACCY 206 or ACCY 288, MATH 210 or MATH 211, and MATH 110 or satisfactory performance on the mathematics placement examination.

426. STRATEGIC MANAGEMENT IN THE HOSPITALITY INDUSTRY (3). Analysis of … … hospitality organization. Attention is given to specific strategies for building competitive advantage and generating superior value for customers in the hospitality industry. PRQ: FCNS 425 with a grade of C or better and MGMT 333.

Other Catalog Change
Page 162, 2013-14 Undergraduate Catalog

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, Consumer, and Nutrition Sciences, such a possibility exists in FCNS 240, FCNS 341, FCNS 344, FCNS 431A, FCNS 431B, FCNS 431C, FCNS 431D, FCNS 474, FCNS 475, FCNS 490, FCNS 495, TLCC SEEC 485A, and TLCC SEEC 485B. A statement of grounds for dismissal is available from the coordinator of each internship.

Other Catalog Change
Page 162, 2013-14 Undergraduate Catalog

Comprehensive Major in Family and Child Studies (B.S.)

Emphasis 1. Family and Individual Development

Requirements in School (30)
FCNS 280 - Human Development, the Family, and Society (3)
FCNS 201 - Human Nutrition (3), OR FCNS 207 - The Consumer (3), OR FCNS 285 - Introduction to Family Life Education (3),

Three of the following (9)
FCNS 180 - Personal Development and the Family (3)
FCNS 598 - Cooperative Education for Family and Individual Development (3)
FCNS 384 - Asian American Families (3)
Requirements outside School (21-23)

One of the following (3)

ENGL 250 - Practical Writing Across the Curriculum (3)

*MATH 155 – Trigonometry and Elementary Functions (3)

Total Hours for Emphasis 1. Family and Individual Development: 51-53

Special Requirements

Prior to enrolling in FCNS 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

Requirements in School (43)

FCNS 180 - Personal Development and the Family (3)
FCNS 201 - Human Nutrition (3),
OR FCNS 207 - The Consumer (3),
OR FCNS 285 - Introduction to Family Life Education (3),

Requirements outside the School (18-20)

One of the following (3)

ENGL 250 - Practical Writing Across the Curriculum (3)

*MATH 155 – Trigonometry and Elementary Functions (3)

Emphasis 3. Child Development

Requirements outside School (15-16)

One of the following (3-4)

ENGL 250 - Practical Writing Across the Curriculum (3)

*MATH 155 – Trigonometry and Elementary Functions (3)

Other Catalog Changes

Page 165, 2013-14 Undergraduate Catalog

Comprehensive Major in Nutrition, Dietetics, and Hospitality Administration (B.S.)

Emphasis 1. Hospitality Administration
The mission ... hospitality industry.

**Special Requirements**

Students must complete FCNS 302 and FCNS 316 with a grade of C or better prior to enrollment in FCNS 431C.

**Requirements in School (45-46) (39-42)**

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<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>FCNS 200A</td>
<td>Principles of Food Preparation</td>
<td>3</td>
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<tr>
<td>FCNS 200B</td>
<td>Food Preparation Laboratory</td>
<td>2</td>
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<tr>
<td>OR FCNS 304</td>
<td>Food and Beverage Operations</td>
<td>3</td>
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<tr>
<td>FCNS 202</td>
<td>Introduction to the Hospitality Industry</td>
<td>3</td>
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<tr>
<td>FCNS 303</td>
<td>Lodging Operations</td>
<td>3</td>
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<tr>
<td>FCNS 316</td>
<td>Hospitality Service</td>
<td>3</td>
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<td>FCNS 320</td>
<td>Quantity Food Production</td>
<td>4</td>
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<tr>
<td>FCNS 413</td>
<td>Meeting and Convention Management</td>
<td>3</td>
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<tr>
<td>FCNS 418</td>
<td>Managing Human Resources in the Hospitality Industry</td>
<td>3</td>
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<tr>
<td>FCNS 425</td>
<td>Hospitality Administration Management</td>
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<td>FCNS 426</td>
<td>Strategic Management in the Hospitality Industry</td>
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<td>FCNS 491</td>
<td>Leadership Seminar in Hospitality and Tourism</td>
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<td>FCNS 492</td>
<td>Distinguished Speaker Series</td>
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<td>FCNS 495</td>
<td>Internship in Hospitality Management</td>
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<td>FCNS 498</td>
<td>Professional Seminar in Family, Consumer, and Nutrition Sciences</td>
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<tr>
<td>FCNS 201</td>
<td>Human Nutrition</td>
<td>3</td>
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<td>FCNS 417</td>
<td>Trade Show and Exhibition Management</td>
<td>3</td>
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<td>FCNS 424</td>
<td>Cultural and National Food Patterns</td>
<td>3</td>
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<tr>
<td>FCNS 427</td>
<td>Catering Operations Practicum</td>
<td>2-3</td>
</tr>
<tr>
<td>MGMT 335</td>
<td>Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 325</td>
<td>Buyer Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MKTG 350</td>
<td>Principles of Selling</td>
<td>2</td>
</tr>
</tbody>
</table>

Select two of the following (5-6), or other appropriate courses, in consultation with your advisor:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCNS 303</td>
<td>Hospitality Law</td>
<td>3</td>
</tr>
<tr>
<td>FCNS 417</td>
<td>Trade Show and Exhibition Management</td>
<td>3</td>
</tr>
<tr>
<td>FCNS 424</td>
<td>Cultural and National Food Patterns</td>
<td>3</td>
</tr>
<tr>
<td>FCNS 427</td>
<td>Catering Operations Practicum</td>
<td>2-3</td>
</tr>
<tr>
<td>MGMT 335</td>
<td>Organizational Behavior</td>
<td>3</td>
</tr>
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<td>MKTG 325</td>
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<td>3</td>
</tr>
<tr>
<td>MKTG 350</td>
<td>Principles of Selling</td>
<td>2</td>
</tr>
</tbody>
</table>

Select one of the following Areas of Study:
Hotel Management (9)

FCNS 302 - Lodging Operation (3)
FCNS 314 - Hospitality Facility Management (3)
FCNS 411 - Yield Management in the Hospitality Industry (3)

Restaurant, Meeting, and Event Management (9)

FCNS 304 - Food and Beverage Operations (3)
FCNS 413 - Meeting, Event, and Convention Management (3)
FCNS 424 - Cultural and National Food Patterns (3)

Requirements outside School (27-28)
ACCY 206 - Introductory Financial Accounting (3),
OR ACCY 288 - Fundamentals of Accounting (3)
*BIOS 101 - General Biology (3),
OR *BIOS 109 - Human Biology (3)

*CHEM 110 - Chemistry (3),
OR *CHEM 210 - General Chemistry I (3)
*CHEM 111 - Chemistry Laboratory (1),
OR *CHEM 212 - General Chemistry Laboratory I (1)
*ECON 260 - Principles of Microeconomics (3)

Total Hours for Emphasis 1, Hospitality Administration: 79-82
Required only when taking FCNS 200A and FCNS 200B (footnote)
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

TLSE SESE 457 - Systems for Integrating the Exceptional Student in the Regular Classroom
Methods for Including Middle and Secondary Students with Exceptionalities in the General Education Classroom (3)

Emphasis in 04 Certification

Core Requirements (61-65)

TL EC SEEC 282 - Educational Participation in Clinical Experiences: Early Childhood Education (1-2)
TL EC SEEC 340 - The Language Arts and Social Studies for the Primary Child (3)
TL EC SEEC 343 - Teaching Science and Mathematics to Children Ages 5-8 (3)
TL EC SEEC 382 - Practicum in Early Childhood Studies (3)
TL EC SEEC 403 - Primary Curriculum (3)
TL EC SEEC 430 - Preschool and Kindergarten Curriculum (3)
TL EC SEEC 485A - Student Teaching in Preschool-Kindergarten (6)
TL EC SEEC 485B - Student Teaching in Primary (6)
TL SE SESE 240, Introduction to Special Education (3)

Minor in Textiles, Apparel and Merchandising
ART 102 – 2-D Foundation (3),
OR *ARTH 282 – Introduction to the Visual Arts World Art (3)

Department of Military Science

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 is for drill attendance.

Illinois Tuition and Housing Waivers
Army ROTC. The waiver applications are available at the department office in the Chick Evans Field House. Returning enrolled cadets must have their applications submitted by the last day of academic classes of the semester prior to the semester for which the waiver is applied for, and for new cadets the applications are due by the add/drop date of the semester applied for as published in the university catalog. Waivers must be re-applied for each semester and will be granted on merit.

School of Nursing and Health Studies
Public Health and Health Education (PHHE)

325. BIOSTATISTICAL APPLICATIONS IN PUBLIC HEALTH (3). Fundamental methods … … decision making. **PRQ CRQ:** MATH 210, MATH 211, STAT 208, STAT 301, or UBUS 223 and declared public health major, declared public health minor, or consent of school.

455. PUBLIC HEALTH EPIDEMIOLOGY (3). Principles, concepts, … … public health problems. **PRQ CRQ:** MATH 210, MATH 211, or MATH 229 with a grade of C or better; and PHHE 325.

Nursing Program

The School of Nursing and Health Studies … … 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 program is offered to licensed registered nurses who want to earn a baccalaureate degree in nursing.

Criminal Background Checks and Drug Screening

Students are required to undergo criminal background checks and drug screening. The nursing program may be unable to place students in a clinical setting if they have a positive drug screen or if the student has a prior criminal record; therefore, the student may not be able to complete the program of required courses.

Clinical Requirements

All students are admitted to the nursing program provisionally until they have provided proof of meeting the clinical requirements outlined in the Undergraduate Nursing Student Handbook and then they will be fully admitted. Full admission to the nursing program is required to enroll in nursing courses. All undergraduate 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. If requirements are not met, the student might not be able to complete the program of required courses, which includes clinical practice experiences. The Undergraduate Nursing Student Handbook contains additional policies related to admission and progression through the nursing program.

Clinical requirements include documentation of immunizations/immunity, criminal background checks, drug screening, Standard Precautions/Universal Precautions training, CPR Healthcare Provider certification, and health insurance. Professional Liability Insurance is provided as part of student fees.

Students are required to undergo criminal background checks and drug screening; and are evaluated for a disqualifying criminal offense under Illinois regulations for health care workers. A student with a disqualifying offense will be unable to complete the program. Those who commit a crime while enrolled in the nursing program may not be able to complete the program.
Students with a positive drug screen for illegal or unauthorized drugs may be unable to complete the program.

All clinical requirements are to be maintained throughout the nursing program as outlined in the Undergraduate Nursing Student Handbook.

General Information

Students enrolled in clinical nursing courses must complete all prerequisites.

provide evidence of completion of immunizations, current CPR certification, current professional liability insurance, and other proofs as listed in the “Clinical Requirements” statement in the nursing program’s student handbook.

Other Catalog Change

Major in Public Health (B.S.)

↓

Requirements outside School (29-33)

↓

ETT 429 – Computers in Classroom Teaching (3),
OR *CSCI 205 – Introduction to Computing (3)
ENGL 250 350 – Practical Writing Across the Curriculum (3)
*MATH 210 – Finite Mathematics (3),

↓

Other Catalog Change

Emphasis 3. Environment and Health

↓

Requirements in School (9-10)

PHHE 315 - Introduction to Health Promotion (3)
Two of the following (6-7)
PHHE 409X - Water Quality (4)
PHHE 431 - Applied Health Promotion Programming (3)
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

Requirements outside School (27-31)

GEOG 406 - Natural Hazards and Environmental Risk (3)

GEOG 253 - Environment and Society (3)

*PHYS 150 - Physics (3),
OR *PHYS 150A - Physics (4),
OR *PHYS 210 - General Physics I (4)

TECH 433 - Toxicology for Industry (3)

*TECH 245 – Pollution, Pestilence, Prevention, and the Cost of Doing Business (3)

Two of the following:

GEOG 253 - Natural Resources and Environmental Quality (3)

GEOG 256 - Maps and Mapping (3)

GEOG 302 - Soil Science (4)

↓

Two of the following:

TECH 231 – Safety Programs (3)

TECH 432 - Disaster Preparedness (3)

TECH 434 - Human Factors in Industrial Accident Prevention (3)

TECH 437 – Fundamentals of Industrial Hygiene (3)

TECH 441 - Hazard Control in Industrial Operations (3)

TECH 435 – Legal Aspects of Safety (3)

Course work from the following. Cannot select courses previously taken to satisfy other major or emphasis requirements. Two courses in science approved by the public health adviser (6-8).

BIOS 208 - Fundamentals of Biology I (3), and BIOS 210

POLS 324 - Environmental Law and Policy (3)

Total Hours for Emphasis 3, Environment and Health: 90-104-102
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- Requirements outside School (36-40)
  - TLSE 457 - Systems for Integrating the Exceptional Student in the Regular Classroom
  - Methods for Including Middle and Secondary Students with Exceptionalities in the General Education Classroom (3)

Other Catalog Change

- Major in Health Education (B.S.Ed.)
  - Requirements outside School (36-40)
    - *FCNS 201 - Human Nutrition (3), OR FCNS 405 - Child Health and Nutrition (3)
    - KNPE 262 - First Aid and CPR (2)
    - LTIC 301 - Teaching with a Multicultural Perspective (3)
    - LTRE 310 - Teaching Reading in the Secondary School (3), OR LTRE 311 - Content Area Literacy Instruction (3)
  - Total Hours for Major in Health Education (B.S.Ed.): 76-82

COLLEGE OF LIBERAL ARTS AND SCIENCES

All University Section

Other Academic Units

Other Catalog Change

International Programs

The Division of International Programs … … 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.

All College Sections
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog  

New Course  
Page 201, 2013-14 Undergraduate Catalog  

CIP: 05.02  

LGBT 450. TRANSGENDER STUDIES (3). This course examines the T in LGBT Studies from an interdisciplinary framework, addressing multiple issues including trans identities, bodies, and rights.

Course Revisions  
Page 201, 2013-14 Undergraduate Catalog  

WOMS 436. CURRENT DEBATES SEMINAR: WOMEN AND GENDER (3). Examination of issues … … interdisciplinary perspective. May be repeated to a maximum of 6 semester hours as topic changes. PRQ: Junior or senior standing or consent of director.

Other Catalog Change  
Page 198-199, 2013-14 Undergraduate Catalog  

Pre-Professional Advisement  
The Advising … … the application process.

Pre-law  
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 (3) AND ACCY 207 – Introductory Cost Management (3),  
OR ACCY 288 – Fundamentals of Accounting (3)  
COMS 304 – Introduction to Persuasion Theory (3),  
OR COMS 305 – Argumentation and Debate (3)  
ECON 260 – Principles of Microeconomics (3)  
ECON 261 – Principles of Macroeconomics (3)  
ENGL 300 – Advanced Essay Composition (3) (special sections designated for pre-law)  
HIST 478 – American Legal History to 1865 (3)  
HIST 479 – American Legal History Since 1865 (3)  
MGMT 217 – Legal Environment of Business (3)  
MGMT 438 – Human Resource Planning and Staffing (3)  
PHIL 105 – Critical Reasoning (3)  
PHIL 231 – Contemporary Moral Issues (3)  
PHIL 353 – Philosophy of Law (3)  
POLS 356 – American Political Thought I (3)  
POLS 410 – Constitutional Law I (3)
received by the undergraduate coordinating council december 12, 2013

committee on the undergraduate curriculum (cuc)
third meeting/2013-14 academic year

november 14, 2013

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pols 411 – constitutional law ii (3)
pols 412 – constitutional law iii (3)

course selection for biomedical pre-professional students

the following lists indicate the pre-requirement and course selection to match the individual student’s background and goals.

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 advisor 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 i and ii 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 301), 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 psych 102, psy 225, stat 301, and two semesters of english composition.

in some instances, students enter dental schools after three years of college level study. however, the majority of dental students today have received a baccalaureate degree prior to entrance.

biology – 1½ years, with laboratory (bios 208/bios 210, and bios 209/bios 211)
chemistry – 2 years, general and organic (chem 210/chem 212, chem 330, chem 331, chem 332, chem 470, chem 472, and chem 473)

other programs

the following lists also indicate the course selection to match the individual student’s background and goals.

- 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 advisor 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 i and ii 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 301), 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:

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most dental schools require psych 102, psy 225, stat 301, and two semesters of english composition.

in some instances, students enter dental schools after three years of college level study. however, the majority of dental students today have received a baccalaureate degree prior to entrance.

biology – 1½ years, with laboratory (bios 208/bios 210, and bios 209/bios 211)
chemistry – 2 years, general and organic (chem 210/chem 212, chem 330, chem 331, chem 332, chem 470, chem 472, and chem 473)
and CHEM 211/213
Physics – 1 year, with laboratory (PHYS 210/211, or PHYS 253 and PHYS 273)
English – 1 year (ENGL 103 and ENGL 104, or ENGL 105)
Recommended: Additional courses in biology, chemistry, mathematics, and psychology such as (BIOS 313, BIOS 355, CHEM 470, MATH 155, MATH 229, PSYC 102, PSYC 225, STAT 301)
Appropriate electives in humanities and social sciences selected in consultation with advisor.

Pre-law
Law schools do not usually require few of these as they desire.

ACCY 206 – Introductory Financial Accounting (3),
AND ACCY 207 – Introductory Cost Management (3),
OR ACCY 288 – Fundamentals of Accounting (3)

POLS 411 – Constitutional Law II (3)
POLS 412 – Constitutional Law III (3)

Pre-medicine and Pre-osteopathy
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).

Except in rare instances, medical schools require students to have a baccalaureate degree prior to entrance to medical school.

Biology – 2 years, with laboratory (BIOS 208/210, and BIOS 209/211, and BIOS 355)
Chemistry – 2 years, general and organic (CHEM 210/212, CHEM 330, CHEM 331, CHEM 322, and CHEM 211/212)
Physics – 1 year, with laboratory (PHYS 210 and PHYS 211, or PHYS 253, and PHYS 273)
English – 1 year (ENGL 103 and ENGL 104, or ENGL 105)
Mathematics – 1 semester (MATH 155 or MATH 229)
Recommended: Additional courses in biology, chemistry, and mathematics such as (BIOS 308, BIOS 213, CHEM 470, STAT 301)
Appropriate electives in humanities and social sciences selected in consultation with advisor.

Pre-optometry
Many optometry schools require Elementary Statistics - STAT 301 and Lifespan Development - PSYC 225.

Students preparing to study in this field may be admitted to professional schools after 60 semester hours of college work, but most will have completed three or four years prior to entrance.

Biology – 1½ years, with laboratory (BIOS 208/210, and BIOS 209/211)
Chemistry – 2 years, general and organic (CHEM 210/212, CHEM 211/213, CHEM 330,
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**Chemistry**

Chemistry – 1 year, with laboratory (CHEM 210/CHEM 212 and CHEM 211/CHEM 213)

**English**

- 1 year (ENG 103 and ENG 104, or ENG 105)

**Mathematics**

- 1 semester (MATH 155 or MATH 229)

**Appropriate electives selected in consultation with adviser to bring total to 30 semester hours.**

**Additional Courses for Two-Year Programs**

**Biology**

- 1 year (BIOS 209/BIOS 211; BIOS 355 or BIOS 357)

**Chemistry**

- 2 years, general and organic (CHEM 210/CHEM 212, CHEM 211/CHEM 213, CHEM 330, CHEM 331, CHEM 332)

**Mathematics**

- 1 year (including STAT 301)

**Appropriate electives in social sciences and humanities selected in consultation with adviser to bring total to 60 semester hours.**

**Pre-podiatry**

Students preparing to study in this field may be admitted to professional schools after 60 semester hours of college work, but most will have completed three or four years prior to entrance.

**Biology**

- 1½ years, with laboratory (BIOS 208/BIOS 210, and BIOS 209/BIOS 211)

**Chemistry**

- 2 years, general and organic (CHEM 210/CHEM 212, CHEM 211/CHEM 213, CHEM 330, CHEM 331, CHEM 332)

**Physics**

- 1 year, with laboratory (PHYS 210 and PHYS 211, or PHYS 253 and PHYS 273)

**English**

- 1 year (ENG 103 and ENG 104, or ENG 105)

**Mathematics**

- 1 year (including STAT 301)

**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).

- Students preparing to study in this field may be admitted to professional schools after 60 semester hours of college work, but most will have completed three or four years prior to entrance.
- Biology — 2½ years, including zoology and genetics (BIOS 208/BIOS 210, and BIOS 209/BIOS 211, and BIOS 308, and BIOS 355)
- Chemistry — 2 years, general and organic (CHEM 210/CHEM 212, CHEM 211/CHEM 213, CHEM 330, CHEM 331, CHEM 332)
- English — 1 year (ENGL 103 and ENGL 104, or ENGL 105)
- Physics — 1 year, with laboratory (PHYS 210 and PHYS 211, or PHYS 253 and PHYS 273)
- Animal Science — 1 semester (not offered at NIU; usually taken at a community college or at a veterinary medicine school immediately prior to entrance.) Prospective veterinarians should acquire essential experience by assisting a practicing veterinarian prior to applying for admission to a school of veterinary medicine.

Recommended: Additional courses in chemistry and mathematics such as CHEM 470, MATH 229, STAT 301

Appropriate electives selected in consultation with adviser

Other Catalog Change

Minor in Classical Studies

Three of the following (9)

- No more than … area.
- ARTH 201 — Art History Survey I: to ca. 1400 (3)
- ENGL 307 — Selected Readings in Drama (3) …

Other Catalog Change

Minor in Latino/Latin American Studies

Requirements (18)

- FLSP 445 – Latin American Women Writers (3)
- FLSP 451 – Literature of the Andean Republics (3)
- FLSP 452 – Literature of the Caribbean (3)
- FLSP 453 – Literature of Uruguay, Argentina and Chile (3)
- FLSP 454 – Mexican Literature (3)

- FLSP 461 – Special Topics in Spanish Civilization (3)
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FLSP 462 – Special Topics in Spanish-American Civilization (3)

Other Catalog Change
Minor in Linguistics
Additional Courses (9-16)
FLSP 441 – Advanced Composition in Spanish (3)

Other Catalog Change
Minor in Professional Communication
Requirements (18)
COMS 361 – Business and Professional Communication (3)
Two of the following (6)
COMS 200 – Advanced Public Speaking (3)
COMS 300 – Speech Writing (3)

Other Catalog Change
Minor in Southeast Asian Studies
Requirements (19 or 21)
ARTH 370 – Studies in Asian Art (3)
ARTH 457 – Topics in Art History: Asian Art (3)
Six or more semester hours in the minor must be taken at NIU.

Other Catalog Change
Minor in Women’s Studies
Requirements (18)
Three of the following (9)
LGBT 350 – Lesbian, Gay, Bisexual, and Transgender Studies (3)
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- LGBT 450 – Transgender Studies (3)
- LGBT 460 – Special Topics in LGBT Studies (3)
- MGMT 498 – Equal Opportunity and Employment (3)

Certificates of Undergraduate Study

- Religious Studies (15)
- Women and Gender Studies

Coordinator: Kristen Myers (Department of Women’s Studies)

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. Students must consult with the coordinator of Women’s Studies for approval of the course of study.

Requirements:

Three hours (3) chosen from one of the following options (3)
- WOMS 230 – Women, Sex, and Gender Today (3)
- WOMS 235 – Women and Cultural Expressions across Cultures and Centuries (3)

Three hours (3) chosen from the following options, one of the following (3)
- LGBT 350 – Lesbian, Gay, Bisexual, and Transgender Studies (3)
- WOMS 432 – Feminist Theory (3)

Six hours (6) of course work: Two of the following courses in any field, focused on women and/or gender, to be selected in consultation with the Director of Women’s Studies, which may include the following (6)
- ANTH 361 – Cross-Cultural Perspectives on Women (3)
ANTH 422 – Gender in Southeast Asia (3)
ANTH 441 – Sex and Gender in Primates (3)
ANTH 468 – Anthropology of Gender (3)
ANTH 485D – Topics in Art History: D. Images of Women (3)
BIOS 324X/GEOG 324X/WOMS 324 – Women in Science (3)
*COMS 410 – Communication and Gender (3)
ENGL 298 – Topics in Literature (3)
  OR ENGL 381 – American Ethnic Literature (3)
  OR ENGL 399 – Topics in American Literature (3)
  OR ENGL 400 – Literary Topics (3)
  OR ENGL 499 – Topics in English Literature (3)
ENGL 382 – Women Writers: The Tradition in English (3)
ENGL 383 – Gay and Lesbian Literature (3)
ENGL 434X/WOMS 434 – Language and Gender (3)
FLFR 445 – French Women Writers (3)
FLSP 380 – Gender and Hispanic Business Practices (3)
FLSP 439 – Women Authors in Hispanic Literature (3)
FLSP 445 – Latin American Women Writers (3)
FLST 481 – Special Topics in Literature I (3)
HIST 322 – Women in Modern Europe (3)
HIST 346 – Women in Asian History (3)
HIST 353 – Women in African History (3)
HIST 369 – Women in United States History (3)
HIST 402 – Gender and Sexuality in History (3)
HIST 407 – Medieval Women (3)
HIST 413 – Family, Sexuality, and Society Since 1400 (3)
HIST 473 – Topics in Women’s History (3)
PHHE 306 – Human Sexuality (3)
PHHE 406 – Sexuality Education (3)
PHIL 355 – Feminism and Philosophy (3)
POLS 373 – Women and Politics (3)
POLS 411 – Constitutional Law II (3)
PSYC 424 – Adolescent Development (3)
PSYC 474 – Psychological Basis of Sexuality (3)
SOCI 354 – Families and Social Change (3)
SOCI 356 – Health, Aging, and Society (3)
SOCI 357 – The Sociology of Gender (3)
SOCI 358 – Racial and Ethnic Minority Families (3)
SOCI 450 – Social Inequality (3)
SOCI 487 – Gender and Crime (3)
WOMS 240 – Issues in Women’s Studies (3)
WOMS 324 – Women in Science (3)
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WOMS 332 – Growing Up Female (3)
WOMS 390 – Internship in Women's Studies (1-3)
WOMS 424 – Topics in Gender and STEM (3)
WOMS 430 – Special Topics in Women's Studies (3)
WOMS 436 – Current Debates Seminar: Women and Gender (3)
WOMS 439 – Independent Study in Women's Studies (3)

Department of Anthropology

New Course

CIP: 45.02

401X. THIRD CLINICAL SECONDARY SCHOOL EXPERIENCE IN HISTORY/SOCIAL SCIENCES (1-2). Crosslisted as ECON 401X, GEOG 401X, HIST 401, POLS 401X, PSYC 401X, and SOCI 401X.
Discipline-based clinical experiences for prospective secondary teachers in history and social sciences. Observations, evaluation, and practicum on methods and problems in teaching in the discipline. Includes a minimum of 40 clock hours of supervised and formally evaluated experiences in the particular setting likely for the student teaching experience. S/U grading. PRQ: Consent of department. CRQ: HIST 496 (or cross-listed sections).

GEC Course Revisions

101. HUMAN ORIGINS (3). Approaches to the study of human and ancient states.

102. RISE OF CIVILIZATION (3). Forces leading Aspirations, problems, and needs addressed in the art, literature, history, and other enduring contributions of the pristine civilizations of antiquity…

210. EXPLORING ARCHAEOLOGY (3). Survey of the basic concepts and principles employed by archaeologists as cultural anthropologists with illustrations from world prehistory.

240. GENERAL PHYSICAL ANTHROPOLOGY (3). Outline of the principles and subject matter of human evolutionary history, race formation and classification, biological variation among human populations, genetics, evolutionary theory, and interrelations between cultural and physical anthropology.

GEC 10/17/13

Course Revisions

429X. INTERNATIONAL NGOs AND GLOBALIZATION (3). Crosslisted as CLCE 429 and SOCI 329X.
Review of … … ethnographic Examination of the …… consent of instructor.
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

496X. HISTORY AND SOCIAL SCIENCE INSTRUCTION IN GRADES 6-12 FOR SECONDARY EDUCATORS (3). Crosslisted as ECON 496X, GEOG 496X, HIST 496, POLS 496X, PSYC 496X, and SOCI 496X. Organization and presentation of materials for history and social science courses at the middle school, junior high, and senior high school secondary levels. PRQ: Admission to the history or social science secondary teacher certification education program and permission of the Department of History’s office of secondary teacher certification education.

Other Catalog Change

Teacher Certification Professional Educator Licensure – Social Sciences: Anthropology

Students who want to be licensed to teach anthropology/social sciences in grades 6-12 at the secondary level must declare their intention to do so with the office of teacher certification in the Department of History and Social Sciences Secondary Teacher Education Program at the earliest possible opportunity. Certification involves significant requirements in addition to the completion of a degree in anthropology.

Admission

Students are admitted to the History and Social Sciences Secondary Teacher Education Program when they have

- established a file with the Department of History and Social Sciences Secondary Teacher Education Program office of teacher certification and completed satisfactory reviews of progress each semester after establishment of the file;
- attained junior standing … … minimum GPA of 2.75;
- passed the Test of Academic Proficiency or met the requirements for an ACT/SAT/TAP substitution;
- completed at least 6 … … at the college/university level;
- completed the core competency requirements in English and oral communication;
- completed at least 20 clock hours of approved early clinical experiences; and
- met all other Illinois State Board of Education (ISBE) requirements for admission to an educator licensure program; and
- obtained approval from the Department of History and Social Sciences Secondary Teacher Certification Education Program.

Retention

Students admitted … … progress each semester with the Department of History and Social Sciences Secondary Teacher Certification Education Program.

Department Requirements
Students must complete ANTH 496X, History and Social Science Instruction in Grades 6-12 for Secondary Educators. Except in unusual cases, in student teaching.

Other Requirements
Students must complete HIST 400, Student Teaching in History/Social Sciences in Grades 6-12 for Secondary Educators. Except in unusual cases required for graduation and certification.

Students must complete the minimum requirements for teaching endorsements in both U.S. history (8 semester hours) and world history (8 semester hours).

The History & Social Sciences Secondary Teacher Education 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 Secondary Teacher Education Program to determine the necessary requirements to obtain educator licensure.

Illinois requires 100 clock hours of substantial, varied, and sequential clinical experiences prior to student teaching. Students must obtain permission from the Department of History’s office of teacher certification for enrollment in these experiences.

Students must complete course work in human development and learning, techniques of assessment, foundations of education, and integrating exceptional students into the regular classroom.

Students should consult with the Department of History’s office of teacher certification to determine which courses are approved for satisfying this requirement.

Placement
The History & Social Sciences Secondary Teacher Education 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.

Department of Biological Sciences

Course Deletions

199H. FRONTIERS OF BIOLOGY (1).
478. BIOINSTRUMENTATION FOR CELL AND MOLECULAR BIOLOGY (4).
480. BIOCOMPUTING (3).

New Courses

CIP: 26.01

441. PRACTICAL BIOINFORMATICS FOR BIOLOGISTS (3). Hands-on experience using bioinformatics.
software for applications that include database searches, sequence alignment, phylogeny building, protein structure analysis, protein function annotation, regulatory motif prediction, and next generation sequence analysis. PRQ: 302 or 308.

483. ANIMAL RESEARCH AND COMPARATIVE MEDICINE (3). Fundamental concepts in animal research and comparative medicine, including genetically modified animals, infectious disease monitoring, ethics, bioccontainment, and regulatory oversight of common laboratory animals. PRQ: BIOS 313 or BIOS 355 or PSYC 300.

Course Revisions

305. BIOLOGY OF LAND PLANTS (4). Land plants …. PRQ: BIOS 208, BIOS 209, and BIOS 210, and BIOS 211, CHEM 211, and CHEM 213.

308. GENETICS (5). Principles of heredity, …. PRQ: BIOS 208, and BIOS 210, CHEM 211, and CHEM 213. CRQ: BIOS 209 and BIOS 211.

340. FUNDAMENTALS OF HUMAN ANATOMY AND PHYSIOLOGY I (3). On-line course presenting …. PRQ: BIOS 404 103 and BIOS 105 or BIOS 208, and either CHEM 110 or CHEM 210.

341. FUNDAMENTALS OF HUMAN ANATOMY AND PHYSIOLOGY II (3). On-line course presenting …. PRQ: BIOS 404 103 and BIOS 105 or BIOS 208, and either CHEM 110 or CHEM 210.

355. HUMAN PHYSIOLOGY (4). Functions of human organ systems …. PRQ: BIOS 208, BIOS 209, BIOS 210, BIOS 209, and BIOS 211, CHEM 211, and CHEM 213. CRQ: PHYS 211 or PHYS 273.

411. PLANT PHYSIOLOGY (4). Physical and …. PRQ: BIOS 208, BIOS 209, BIOS 210, BIOS 209, and BIOS 211, CHEM 211, and CHEM 213.

412. MYCOLOGY (4). Culture, morphology …. PRQ: BIOS 208, BIOS 209, BIOS 210, BIOS 209, and BIOS 211, CHEM 211, and CHEM 213.

415. WATER MICROBIOLOGY (3). Designed to acquaint the …. PRQ: BIOS 313, and CHEM 330 or CHEM 336.

418. HUMAN HEREDITY (3). Inheritence in humans …. PRQ: BIOS 103, BIOS 104, or BIOS 109, or equivalent.

420. PLANT PATHOLOGY (3). Specific causal …. PRQ: BIOS 208, BIOS 209, BIOS 210, BIOS 209, and BIOS 211, CHEM 211, and CHEM 213.

422X. PLANT-SOIL INTERACTIONS (4). Crosslisted as GEOG 422 …. PRQ: BIOS 103 or BIOS 404, and GEOG 302, or consent of department.

446. GROSS ADVANCED HUMAN ANATOMY (.6 4). Gross anatomy of the human body, including dissection the examination of dissected cadavers, with functional, evolutionary, histological, developmental, and clinical correlates. Two hours of lecture and nine six hrs of laboratory per week. PRQ: BIOS 355 or BIOS 357.

455. COMPARATIVE PHYSIOLOGY (3). General physiological … … PRQ: BIOS 208, BIOS 209, BIOS 210, BIOS 209, and BIOS 211, CHEM 211, and CHEM 213.

466X. INTRODUCTION OF MICROPALeONTOLOGY (3). Crosslisted as GEOL 471 … … PRQ: GEOL 320 or consent of department.

475. NEURAL DEVELOPMENT (3). Examination of the principles that govern … … PRQ: BIOS 355; or BIOS 455; CHEM 211 and CHEM 213; MATH 155; and PHYS 211 or PHYS 273.

476. PLANT GENETICS (3). Examination of plant genetic variation at the level of the genome, population, and higher taxa, using both classical and molecular approaches. How natural and domesticated plant populations are shaped by evolutionary and human forces. Topics in modern plant genetics, including genome organization and function, mechanisms of reproduction, barriers to inbreeding, transgenic plant methodology, genetically-modified crops, traditional and molecular methodologies in plant breeding, future of plant biotechnology. PRQ: BIOS 302 or BIOS 308.

481. VISION AND THE VISUAL SYSTEM (3). Anatomy and physiology … … PRQ: BIOS 208, BIOS 209, BIOS 210, BIOS 209, and BIOS 211, CHEM 211, and CHEM 213.

484X. SCIENCE ACROSS TIME AND CULTURE (2). Crosslisted as CHEM 490X, GEOL 475, and PHYS 490X … … PRQ: GEOL 120 and GEOL 121, or consent of department.

490'. COOPERATIVE EDUCATION INTERNSHIP (3). Enrollment restricted to students formally participating in NIU’s cooperative education programs. Biological experience gained in a formal internship or associated with biologically relevant employment. A minimum of 150 hrs of contact time is required and students must gain prior approval from the departmental Director of Undergraduate Studies. Students will be required to submit a formal written report along with an assessment from the internship supervisor. S/U grading. PRQ: Consent of the department and the university’s director of cooperative education.

493. TOPICS IN BIOLOGY (1-3). … … PRQ: Consent of department.

Other Catalog Change Page 208, 2013-14 Undergraduate Catalog

Teacher Certification
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

Additional Requirements

TLSE, SESE 457 - Systems for Integrating the Exceptional Student in the Regular Classroom. Methods for Including Middle and Secondary Students with Exceptionalities in the General Education Classroom (3)

Other Catalog Changes
Pages 210, 212, and 213, 2013-2014 Undergraduate Catalog

Footnote on all three pages:

1Collectively, a maximum of 6 semester hours of credit (9 in the case of students admitted to the department honors program) in BIOS 370, BIOS 399H, BIOS 490, BIOS 495H and BIOS 499H may be applied to the major.

Department of Chemistry and Biochemistry

Course Revision
Page 217, 2013-14 Undergraduate Catalog

340 438. ADVANCED ORGANIC CHEMISTRY LABORATORY (2). … ….

Other Catalog Change
Pages 214-215, 2013-14 Undergraduate Catalog

Department of Chemistry and Biochemistry (CHEM)

Emphasis 2. Biochemistry

Requirements outside Department (30-33)
BIOS 208 – Fundamentals of Cellular Biology (3)
AND BIOS 210 – Fundamentals of Cellular Biology Laboratory (1)
BIOS 467 – Advanced Molecular Biology. BIOS 302 – Molecular Biology (3)
ENGL 250 – Practical Writing (3)

Emphasis 4. Chemistry for Pre-Professional Students

Requirements in Department (32-33)
CHEM 470 – General Biological Chemistry (3), and two electives chosen from CHEM 240 438 and 400-level classes excluding classes numbered 490 to 497 (6-7)
OR CHEM 472 and CHEM 473 – Biological Chemistry I and II (6) and one elective chosen from CHEM 240 438 and 400-level classes excluding classes numbered 490 to 497 (3-4)

Other Catalog Change
Page 215, 2013-14 Undergraduate Catalog
Major in Chemistry

Emphasis 3. Secondary Teaching

Requirements outside Department

TLSE  SESE 457 - Systems for Integrating the Exceptional Student in the Regular Classroom Methods for Including Middle and Secondary Students with Exceptionalities in the General Education Classroom (3)

Other Catalog Change

Major in Chemistry (B.S.)

Emphasis 1. Chemistry

Requirements outside Department (22-26)

ENGL 250 350 – Practical Writing Across the Curriculum (3)

Emphasis 2. Biochemistry

Requirements outside Department (30-33)

ENGL 250 350 – Practical Writing Across the Curriculum (3)

Emphasis 3. Secondary Teaching

Requirements outside Department

ENGL 250 350 – Practical Writing Across the Curriculum (3)

Emphasis 4. Chemistry for Pre-Professional Students

Requirements outside Department (38)

ENGL 250 350 – Practical Writing Across the Curriculum (3)

Department of Communication

New Course

Page 224, 2013-14 Undergraduate Catalog

CIP: 09.01
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

COMS 349. INTRODUCTION TO DIGITAL AUDIO PRODUCTION (4). Introduction to digital audio recording; audio editing and enhancement; field recording techniques and introduction to digital mixing.

COMS 200. ADVANCED PUBLIC SPEAKING (3). Training in … …… PRQ: COMS 100.

COMS 426A 427. SPECIAL TOPICS IN MEDIA STUDIES PRODUCTION (3). Topics will vary. May be repeated to a maximum of 6 hours. Only 3 semester hours can apply in Emphasis 2.

COMS 426A. ADVANCED DOCUMENTARY FIELD PRODUCTION (3). … …

COMS 426B 427. ADVANCED NARRATIVE FIELD PRODUCTION (3). Video production … …… PRQ: COMS 358 COMS 452 or COMS 455C or COMS 456D or successful portfolio review or consent of department.

COMS 449. ADVANCED AUDIO PRODUCTION (3). Advanced production of radio programs or other advanced audio projects of a complex nature, emphasizing recording, editing, and mixing techniques. PRQ: COMS 358 429 and successful portfolio review, or consent of department.

COMS 463. ADVANCED STUDIO PRODUCTION (3). Production of studio-based programs utilizing multiple cameras in a live or live-on-tape format. PRQ: COMS 352 COMS 355 and COMS 357 and COMS 358 and successful portfolio review, or consent of department.

COMS 496A 492. SPECIAL TOPICS IN MEDIA PRODUCTION (3). … …

COMS 496S 493. SPECIAL TOPICS IN MEDIA STUDIES (3). … …

JOUR 402. ADVANCED REPORTING (3). … … PRQ: JOUR 302 or consent of department.

JOUR 460. SPECIALIZED PRESS WRITING (3). … … PRQ: JOUR 200A or JOUR 200B or consent of department.

Major in Communication Studies (B.A. or B.S.)

Emphasis 1. Rhetoric and Public Communication

Requirements in Department (36-37)

COMS 200 – Advanced Public Speaking (3)

OR COMS 300 – Speech Writing (3),
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

One of the Following (3)

COMS 200 – Advanced Public Speaking (3)

↓

Five of the Following (15)

↓

COMS 491 – Methods of Research in Communication (3)
COMS 496M 492 – Special Topics in Media Production (3)
COMS 496S 493 – Special Topics in Media Studies (3)
COMS 496C – Special Topics in Communication Theory (3)
COMS 496M – Special Topics in Media Production (3)
COMS 496R – Special Topics in Rhetoric (3)
COMS 496S – Special Topics in Media Studies (3)

↓

Emphasis 2. Media Studies

Requirements in Department (35-37)

↓

COMS 455 – Media Law and Ethics (3),

OR COMS 403 – Freedom of Speech and Communication Ethics (3),

OR JOUR 480 – Journalism Law and Regulation (3)

Five courses from the following (15-17)

↓

COMS 200M 392 – Special Topics in Media Studies Production (3). This course can only be taken once.
COMS 419 – Political Communication in America (3)
COMS 426A – Advanced Document Field Production (3)
COMS 426B 427 – Advanced Narrative Field Production (3)
COMS 436 – Advanced Post Production (3)
COMS 446 – Designing for the Internet (3)
COMS 449 – Advanced Audio Production (3)

↓

COMS 496M 492 – Special Topics in Media Production (3)
COMS 496S 493 – Special Topics in Media Studies (3)

↓

Emphasis 3. Organizational/Corporate Communication

Requirements in Department (34)

COMS 200 – Advanced Public Speaking (3)

OR COMS 220 – Rhetoric and Public Issues (3),

↓

Other Catalog Changes

Page 220-223, 2013-14 Undergraduate Catalog
Minor in Communication Studies

Option 2. Communication Education (24)

Five of the following (15)

COMS 200 – Advanced Public Speaking (3)

Other Catalog Change

Major in Journalism (B.A. or B.S.)

The non-journalism requirements ... Mass Communications. Students may select courses to focus on broadcast news, newspaper magazine print journalism, photojournalism, or public relations. 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.

Other Catalog Change

Minor in Journalism (21)

Six or more semester hours must be taken at NIU.

Certificate of Undergraduate Study

Digital Media Production

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 Audio Production (4)
COMS 357 – Introduction to Studio Production (4)
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

COMS 358 – Introduction to Field Production (4)
COMS 359 – Interactive Media Production I (4)
COMS 392 – Special Topics in Media Production (3)

Course work from the following, with consent of production faculty advisor, as needed to complete a minimum of 14 credit hours.

COMS 426A – Advanced Documentary Field Production (3)
COMS 426B – Advanced Narrative Field Production (3)
COMS 463 – Advanced Studio Production (3)
COMS 466 – Narrative Scriptwriting (3)
COMS 469 – Interactive Media Production II (3)
COMS 498B – Media Production Independent Study (1-3)

Department of Economics

New Course

Page 235, 2013-14 Undergraduate Catalog

CIP: 45.06

401X. THIRD CLINICAL SECONDARY SCHOOL EXPERIENCE IN HISTORY/SOCIAL SCIENCES (1-2). Crosslisted as ANTH 401X, GEOG 401X, HIST 401, POLS 401X, PSYC 401X, and SOCI 401X.
Discipline-based clinical experiences for prospective secondary teachers in history and social sciences. Observations, evaluation, and practicum on methods and problems in teaching in the discipline. Includes a minimum of 40 clock hours of supervised and formally evaluated experiences in the particular setting likely for the student teaching experience. S/U grading. PRQ: Consent of department. CRQ: HIST 496 (or cross-listed sections).

Course Revision

Page 235, 2013-14 Undergraduate Catalog

496X. HISTORY AND SOCIAL SCIENCE INSTRUCTION IN GRADES 6-12 FOR SECONDARY EDUCATORS (3). Crosslisted as ANTH 496X, GEOG 496X, HIST 496, POLS 496X, PSYC 496X, and SOCI 496X.
Organization and presentation of materials for history and social science courses at the middle school, junior high, and senior high school secondary levels. PRQ: Admission to the history or social science secondary teacher certification education program and permission of the Department of History’s office of secondary teacher certification education.

Other Catalog Change

Page 233-234, 2013-14 Undergraduate Catalog

Teacher Certification

Professional Educator Licensure – Social Sciences: Economics

Students who want to be certified/licensed to teach economics/social sciences in grades 6-12 at the secondary level must declare their intention to do so with the office of teacher certification in the Department of History and Social Sciences Secondary Teacher Education Program at the earliest possible opportunity.
Certification Educator licensure involves significant requirements in addition to the completion of a degree in economics.

Admission

Students are admitted to the certification History & Social Sciences Secondary Teacher Education Program when they have:

- established a file with the Department of History’s & Social Sciences Secondary Teacher Education Program office of teacher certification and completed satisfactory reviews of progress each semester after establishment of the file;
- attained junior standing … … minimum GPA of 2.75;
- passed the Test of Academic Proficiency or met the requirements for an ACT/SAT/TAP substitution;
- completed at least 6 … … at the college/university level;
- completed the core competency requirements in English and oral communication;
- completed at least 20 clock hours of approved early clinical experiences; and
- met all other Illinois State Board of Education (ISBE) requirements for admission to an educator licensure program; and
- obtained approval from the Department of History’s & Social Sciences Secondary Teacher certification Education Program.

Retention

Students admitted … … progress each semester with the Department of History’s & Social Sciences Secondary Teacher certification Education Program.

Department Requirements

Students must … … ECON 496X, History and Social Science Instruction in Grades 6-12 for Secondary Educators. Except in unusual … … in student teaching.

Other Requirements

Students must complete HIST 400, Student Teaching in History/Social Sciences in Grades 6-12 for Secondary Educators. Except in unusual … … required for graduation and certification licensure.

Students must complete the minimum requirements for teaching endorsements in both U.S. history (8 semester hours) and world history (8 semester hours).

The History & Social Sciences Secondary Teacher Education 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 Secondary Teacher Education Program to determine the necessary requirements to obtain educator licensure.

Illinois requires 100 clock hours of enrollment in these experiences.

Students must complete which courses are approved for satisfying this requirement.

Placement
The History and Social Sciences Secondary Teacher Education 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.

Department of English

Course Revisions

Writing Courses

↓

350 350 PRACTICAL WRITING ACROSS THE CURRICULUM (3). Practice in writing skills, and the conventions, organization, and structuring of prose forms appropriate to the humanities, social sciences, and sciences (e.g., proposals, lab reports, case studies, literature reviews, critiques). Open to majors and non-majors.

Environmental Studies

New Course

CIP Code: 03.01

421X. INTRODUCTION TO GREEN ENGINEERING (3). Crosslisted as ISYE 421. Basic principles of green engineering, impact of engineering activities on the global environment and ways to minimize the impact through better selection of materials, design of products and processes, distribution and reuse of products, and management of life cycles, etc. Life cycle analysis concepts and their applications to product and process life cycles. Environmental ethics and environmental auditing, including ISO environmental standards. PRQ: Consent of the department.

Course Revisions

450. ISSUES IN ENVIRONMENTAL STUDIES (3). Interdisciplinary … … (ENVS 301, ENVS 302, ENVS 303, ENVS 304, and ENVS 305X).

Other Catalog Changes

Pages 243-246, 2013-14 Undergraduate Catalog
Major in Environmental Studies (B.A. or B.S.)

Requirements outside Environmental Studies...

- OR PHYS 140 – Physics and Society (3)
- OR IYSE 100 – Fundamentals of Manufacturing Systems (3)

Emphasis 1. Biodiversity and Environmental Restoration (34–41)

The diversity of life … … . 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 (10–14)

- BIOS 103 – General Biology (3) AND BIOS 105 – General Biology Laboratory (1)
- OR BIOS 209 – Fundamentals of Organismal Biology (3) AND BIOS 211 Fundamentals of Organismal Biology Laboratory (1)
- BIOS 406 – Conservation Biology (4)
- GEOG 455 – Land Use Planning (3)

Select one of the following humanities and social sciences courses (3)

- ANTH 425 – Environment and Anthropology (3)
- ANTH 432 – Nature and the Environment Across Cultures (3)
- ECON 386 – Environmental Economics (3)
- GEOG 415/ENVS 415X – Introduction to Energy (3)
- HIST 377 – American Environmental History (3)
- PHIL 335 – Environmental Ethics (3)
- POLS 322 – Introduction to Public Policy (3)
- POLS 324 – Politics of Environmental, Health, and Safety Regulation (3)
- SOCI 364 – Environmental Sociology (3)

Electives (18)

Students must select at least six of the following electives from at least three different departments.

Select at least one of the following conceptually-based courses (6–9)

Select at least one of the following methods-based courses (6–9)

Select at least one of the following taxonomically-based courses (6–9)
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOS 412</td>
<td>Mycology</td>
<td>4</td>
</tr>
<tr>
<td>BIOS 415</td>
<td>Water Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 471/BIOS 466X</td>
<td>Introduction to Micropaleontology</td>
<td>(3)</td>
</tr>
<tr>
<td>ANTH 425</td>
<td>Environment and Anthropology</td>
<td>(3)</td>
</tr>
<tr>
<td>SOCI 364</td>
<td>Environmental Sociology</td>
<td>(3)</td>
</tr>
<tr>
<td>Bios 415</td>
<td>Water Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>GEOL 471</td>
<td>Introduction to Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 425</td>
<td>Environment and Anthropology</td>
<td>(3)</td>
</tr>
<tr>
<td>SOCI 364</td>
<td>Environmental Sociology</td>
<td>(3)</td>
</tr>
</tbody>
</table>

Electives (18)

Students must select at least six of the following electives from at least three different departments.

Emphasis 2. Energy Studies (32-34)

This emphasis combines ……... 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 (9-13)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 315X/ENVS 315</td>
<td>Geography of Energy</td>
<td>(3)</td>
</tr>
<tr>
<td>GEOG 453</td>
<td>Environmental Management</td>
<td>(3)</td>
</tr>
<tr>
<td>TECH 484</td>
<td>Energy Management</td>
<td>(3)</td>
</tr>
<tr>
<td>PHYS 210</td>
<td>General Physics I</td>
<td>(4)</td>
</tr>
<tr>
<td>OR PHYS 253</td>
<td>Fundamentals of Physics I: Mechanics</td>
<td>(4)</td>
</tr>
</tbody>
</table>

Select three of the following technology/engineering-based courses (9)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISYE 421</td>
<td>Introduction to Green Engineering</td>
<td>(3)</td>
</tr>
<tr>
<td>ISYE 453</td>
<td>Integrated Product and Process Design</td>
<td>(3)</td>
</tr>
<tr>
<td>MEE 101</td>
<td>Energy and the Environment</td>
<td>(3)</td>
</tr>
<tr>
<td>TECH 245</td>
<td>Pollution, Resilience, Prevention, and the Cost of Doing Business</td>
<td>Pollution Prevention and Sustainable Production</td>
</tr>
<tr>
<td>TECH 418</td>
<td>Biobased Fuels and Alternative Applications</td>
<td>(3)</td>
</tr>
<tr>
<td>TECH 419</td>
<td>Energy Auditing</td>
<td>(3)</td>
</tr>
</tbody>
</table>

Select three of the following applications and natural science-based courses (9)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 368</td>
<td>Climate Change: Science, Impacts and Mitigation</td>
<td>(3)</td>
</tr>
<tr>
<td>GEOG 430</td>
<td>Micrometeorology</td>
<td>(3)</td>
</tr>
<tr>
<td>GEOG 459</td>
<td>Geographic Information Systems</td>
<td>(3)</td>
</tr>
<tr>
<td>GEOL 496</td>
<td>Geophysics</td>
<td>(3)</td>
</tr>
<tr>
<td>PHYS 140</td>
<td>Physics and Society</td>
<td>(3)</td>
</tr>
<tr>
<td>PHYS 434</td>
<td>Nuclear Energy and Radiation</td>
<td>(3)</td>
</tr>
</tbody>
</table>
Select one of the following humanities and social sciences courses (3)
- ANTH 425 – Environment and Anthropology (3)
- ANTH 432 – Nature and the Environment Across Cultures (3)
- ANTH 464/CLCE 464X – Disasters without Borders (3)
- ECON 386 – Environmental Economics (3)

Select one of the following law/policy courses (3)
- GEOG 453 – Environmental Management (3)
- POLS 220 – Introduction to Public Policy (3)
- POLS 324 – Politics of Environmental, Health, and Safety Regulation (3)

Emphasis 3. Human Experience (33-34)

Electives (15)

Select at least two of the following social science courses (6)

- ANTH 363 – Globalization and Corporate Cultures (3)
- ANTH 404 – Peoples and Cultures of the Caribbean (3)
- ANTH 444 – Primate Ecology and Conservation (3)
- ANTH 464/CLCE 464X – Disasters without Borders (3)

Select at least one of the following science, engineering, and technology courses (3-4)

TECH 245. Pollution, Pestilence, Prevention, and the Cost of Doing Business: Pollution Prevention and Sustainable Production (3)

Emphasis 4. Environmental Policy (30-40)

Requirements outside Environmental Studies (9)

Select one of the following social sciences courses (3)
- ANTH 425 – Environment and Anthropology Credits (3)
- ANTH 432 – Nature and the Environment Across Cultures (3)
- ANTH 464/CLCE 464X – Disasters without Borders (3)
- CLCE 429 – International NGOs and Globalization (3)

Electives (21-22)

Select at least one of the following science, engineering, and technology courses (3-4)

TECH 245. Pollution, Pestilence, Prevention, and the Cost of Doing Business: Pollution Prevention and Sustainable Production (3)
**SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog**

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### Emphasis 5. Non-Government Organization (33-34)

*CLCE 100 – Community Leadership and Civic Engagement (3)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLCE 310</td>
<td>Civic Engagement</td>
</tr>
<tr>
<td>POLS 326/PSPA 326X</td>
<td>Nonprofit Management (3)</td>
</tr>
<tr>
<td>OR PSPA 326X</td>
<td>Nonprofit Management (3)</td>
</tr>
</tbody>
</table>

Select three of the following foundations courses (9)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 329</td>
<td>Anthropology and Contemporary World Problems (3)</td>
</tr>
<tr>
<td>ANTH 464/CLCE 464X</td>
<td>Disasters without Borders (3)</td>
</tr>
<tr>
<td>ANTH 467</td>
<td>Applied Anthropology (3)</td>
</tr>
</tbody>
</table>

↓

Select one of the following science, engineering, and technology courses (3-4)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>TECH 245</td>
<td>Pollution, Resilience, Prevention, and the Cost of Doing Business</td>
</tr>
<tr>
<td>AND POLS 326/PSPA 326X</td>
<td>Pollution Prevention and Sustainable Production (3)</td>
</tr>
</tbody>
</table>

↓

Select two of the following humanities and social sciences courses (6)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>ANTH 343/ENVS 343X</td>
<td>Extinction: Where the Wild Things Were (3)</td>
</tr>
<tr>
<td>ANTH 404</td>
<td>Peoples and Cultures of the Caribbean (3)</td>
</tr>
<tr>
<td>ANTH 425</td>
<td>Environment and Anthropology (3)</td>
</tr>
</tbody>
</table>

↓

### Emphasis 6. Water (33-37)

Whether it is for ....... 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 (9-13)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>GEOG 101</td>
<td>Survey of Physical Geography (3)</td>
</tr>
<tr>
<td>AND GEOG 102</td>
<td>Survey of Physical Geography Laboratory (1)</td>
</tr>
<tr>
<td>OR GEOL 120</td>
<td>Introductory Geology (3)</td>
</tr>
<tr>
<td>AND GEOL 121</td>
<td>Introductory Geology Laboratory (1)</td>
</tr>
<tr>
<td>GEOG 303</td>
<td>Water Resources and the Environment (3)</td>
</tr>
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</table>

↓

Select three of the following methods-based courses (9-11)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>GEOL 491</td>
<td>Geophysical Well Logging (3)</td>
</tr>
<tr>
<td>MET 430</td>
<td>Micrometeorology (3)</td>
</tr>
</tbody>
</table>

↓

Select one of the following engineering/technology-based courses (3)
TECH 245. Pollution, Pestilence, Prevention, and the Cost of Doing Business (3)  

Total Hours for a Major in Environmental Studies: 58-81 (B.A.); OR 63-75 (B.S.)

Minor in Environmental Studies

- POLS 220/PSPA 220X – Introduction to Public Policy (3).

Requirements (21-22)

- Select from one of the following natural sciences, engineering, and technology courses (3-4)

- Select one of the following humanities and social sciences courses (3)
  - ANTH 425 – Environment and Anthropology (3)
  - CLCE 310 – Civic Engagement (3)
  - ECON 386 – Environmental Economics (3)

Department of Foreign Languages and Literatures

FLSP 451. LITERATURE OF THE ANDEAN REPUBLICS (3).
FLSP 453. LITERATURE OF URUGUAY, ARGENTINA AND CHILE (3).

New Courses

- FLSP 463. HISPANIC CULTURE THROUGH FILM (3). An introduction to contemporary Hispanic culture through the study of film. Taught in Spanish. PRQ: FLSP 361 or FLSP 362 or consent of department.

- FLSP 489. CONSECUTIVE INTERPRETATION: THEORY AND PRACTICE (3). Provides practical instruction in consecutive interpretation from English to Spanish and Spanish to English. Focus is on
consecutive interpretation techniques such as enhancing listening performance and note-taking skills. PRQ: FLSP 302 or consent of department.

**Course Revisions**

**FLFR 412. COMMERCIAL FRENCH (3).** ... PRQ: FLFR 301 or and FLFR 302, or consent of department.  **CRQ:** MGMT 346 or consent of department.

**FLFR 415. ADVANCED FRENCH CONVERSATION (3).** ... PRQ: FLFR 301, FLFR 302, and FLFR 311, or consent of department.

**FLFR 431. 17TH CENTURY FRENCH LITERATURE (3).** PRQ: FLFR 320, 321, FLFR 322, or FLFR 323, or consent of department.

**FLFR 433. 18TH CENTURY FRENCH LITERATURE (3).** PRQ: FLFR 320, 321, FLFR 322, or FLFR 323, or consent of department.

**FLFR 435. 19TH CENTURY FRENCH LITERATURE (3).** PRQ: FLFR 320, 321, FLFR 322, or FLFR 323, or consent of department.

**FLFR 437. AUTHOR IN CONTEXT (3).** ... PRQ: FLFR 320, 321, FLFR 322, or FLFR 323, or consent of department.

**FLFR 438. 20TH CENTURY FRENCH LITERATURE (3).** PRQ: FLFR 320, 321, FLFR 322, or FLFR 323, or consent of department.

**FLFR 440. STUDIES IN FRANCOPHONE LITERATURE (3).** ... PRQ: FLFR 320, 321, FLFR 322, or FLFR 323, or consent of department.

**FLFR 441. MEDIEVAL FRENCH LITERATURE (3).** ... PRQ: FLFR 320, 321, FLFR 322, or FLFR 323, or consent of department.

**FLFR 443. FRENCH LITERATURE OF THE RENAISSANCE (3).** PRQ: FLFR 320, 321, FLFR 322, or FLFR 323, or consent of department.

**FLFR 445. FRENCH WOMEN WRITERS (3).** ... PRQ: FLFR 320, 321, FLFR 322, or FLFR 323, or consent of department.

**FLFR 446. STUDIES IN FRENCH GENRES (3).** ... PRQ: FLFR 320, 321, or FLFR 322, or FLFR 323, or consent of department.

**FLFR 463. LA FRANCE CONTEMPORAINE (3).** ... PRQ: FLFR 301 or FLFR 302, and of FLFR 311, or consent of department.
FLFR 464. PARIS: CITY OF LIGHTS (3). PRQ: FLFR 301 or FLFR 302 and (or FLFR 311, or consent of department.

FLFR 465. VERSAILLES ET LOUIS XIV (3). PRQ: FLFR 301 or FLFR 302 or (and FLFR 311, or consent of department.

FLFR 480. FRENCH PUBLISHING ATELIER (3). PRQ: FLFR 301 or FLFR 302 or (and FLFR 311, or consent of department.

FLFR 481. FRENCH PHONETICS AND PHONEMICS (3). PRQ: FLFR 301 or FLFR 302 or (and FLFR 311, or consent of department.

FLFR 482. HISTORY OF THE FRENCH LANGUAGE (3). PRQ: FLFR 301 or FLFR 302 or (and FLFR 311, or consent of department.

FLSP 311. ADVANCED SPANISH CONVERSATION (3). PRQ: FLSP 202 and FLSP 211, or FLSP 215.

FLSP 380. GENDER AND HISPANIC BUSINESS PRACTICES (3). PRQ: Consent of department FLSP 302.

FLSP 411. 302. ADVANCED COMPOSITION IN SPANISH (3). PRQ: FLSP 301 or equivalent.


FLSP 461. SPECIAL TOPICS IN SPANISH CIVILIZATION (3). Development of the Topics in Spanish culture and pattern of civilization from pre-Roman times to the present. PRQ: FLSP 321 361 or FLSP 322 362.

FLSP 462. SPECIAL TOPICS IN SPANISH-AMERICAN CIVILIZATION (3). Evolution of the Topics in Spanish-American culture and pattern of civilization from the pre-Hispanic period to the present. PRQ: FLSP 321 361 or FLSP 322 362.

FLSP 483. TECHNIQUES OF TRANSLATION (3). PRQ: FLSP 444 302.

FLSP 484. ADVANCED TRANSLATION (3). PRQ: FLSP 483 302 or consent of department.

FLSP 485. SPANISH SYNTAX (3). PRQ: FLSP 483 302 or consent of department.
FLSP 487. HISPANIC DIALECTOLOGY (3). PRQ: FLSP 320 and either FLSP 480 or FLSP 481, or consent of department.

FLSP 491. HISTORY OF THE SPANISH LANGUAGE (3). PRQ: FLSP 320 and either FLSP 480 or FLSP 481, or consent of department.

FLGE 302. ADVANCED GERMAN COMPOSITION AND TRANSLATION (3). PRQ: FLGE 301 or consent of department.

FLGE 321/322. MASTERPIECES IN GERMAN LITERATURE I (3). Reading and analysis of poetry, drama, and prose representative of the main currents of German literature. Study of authors and literary genres from the Middle Ages with emphasis on the 18th, 19th, and 20th centuries to today. PRQ: FLGE 202 or consent of department.

FLGE 321. MASTERPIECES IN GERMAN LITERATURE II (3). Reading and analysis of poetry, drama, and prose representative of the main currents of German literature. Study of authors and literary genres from the Middle Ages with emphasis on the 18th, 19th, and 20th centuries to today. PRQ: FLGE 202 or consent of department.

FLAL 483. APPLIED LINGUISTICS AND THE ROMANCE LANGUAGES (3). PRQ: Completion of the second year of a romance language or consent of department.

Major in French (B.A.)
↓
Emphasis 1. Language and Literature
Requirements in Department (49 37)
FLFR 101 and FLFR 102* – Elementary French I and II (6)
FLFR 201 and FLFR 202* – Intermediate French I and II (6)
FLFR 301 – Advanced French Grammar and Composition (3)
↓
FLFR 320 – Analyse de Texte (3)
FLAL 400 – Design and Creation of Electronic Portfolios for Foreign Language Majors (1)
Choose 3 courses from the following (9)
FLFR 321 – Masterpieces in French Literature I (3)
OR FLFR 322 – Masterpieces in French Literature II (3)
Major in French (B.A.)

Emphasis 2. Translation and Business French
Requirements in Department (43 34)
FLFR 101 and FLFR 102 – Elementary French I and II (6)
FLFR 201 and FLFR 202 – Intermediate French I and II (6)
FLFR 301 – Advanced French Grammar and Composition (3)

FLFR 320 – Analyse de Texte (3)
FLFR 321 – Masterpieces in French Literature I (3)
OR FLFR 322 – Masterpieces in French Literature II (3)
OR FLFR 323 – Special Topics in French Language, Literature, or Culture (3)
FLFR 412 – Commercial French (3)
FLAL 415 – Internship in Foreign Languages (3)
FLFR 463 – La France Contemporaine (3)
OR FLFR 464 – Paris: City of Lights (3)
FLFR 483 – Theme et Version (3)
OR FLFR 484 – Advanced Translation (3)

FLAL 400 – Design and Creation of Electronic Portfolios for Foreign Language Majors (1)
Choose five courses from the following (15)
FLFR 321 – Masterpieces in French Literature I (3)
OR FLFR 322 – Masterpieces in French Literature II (3)
OR FLFR 323 – Special Topics in French Language, Literature, or Culture (3)
FLAL 415 – Internship in Foreign Languages (3)
FLAL 420 – Introduction to Translation Theory (3)
FLAL 483 – Applied Linguistics and the Romance Languages (3)
Electives from 400-level French courses (3)

Requirements outside Department (15)
MGMT 316 – Business Communication (3)
MKTG 210 – Principles of Marketing (3)
MKTG 267 – Principles of Global Marketing (3)
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

POLS 285 – Introduction to International Relations (3)

Choose five courses from the following (15):

- ANTH 363 – Globalization and Corporate Cultures (3)
- ANTH 427 – Economic Anthropology (3)
- COMS 361 – Business and Professional Communication (3)
- COMS 362 – Intercultural Communication (3)
- CLCE 429 – International NGOs & Globalization (3)
- MGMT 333 – Principles of Management (3)
- MGMT 346 – Business Communication (3)
- MKTG 310 – Principles of Marketing (3)
- MKTG 325 – Buyer Behavior (3)
- MKTG 345 – Business Marketing (3)
- MKTG 348 – Integrated Marketing Communications (3)
- MKTG 350 – Principles of Selling (3)
- MKTG 355 – Multichannel Direct Marketing (3)
- MKTG 365 – Principles of Retailing (3)
- MKTG 367 – Principles of Global Marketing (3)
- MKTG 370 – Internet Marketing (3)

One of the following (3):

- ANTH 363 – Globalization and Corporate Cultures (3)
- ↓
- MKTG 370 – Internet Marketing (3)

Total Hours for Emphasis 2, Translation and Business French: 58

Other Catalog Change

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Major in German (B.A.)

Emphasis 1. Language and Literature

Requirements in Department (46 34)

- FLGE 101 and FLGE 102 – Beginning German I and II (6)
- FLGE 201 and FLGE 202 – Intermediate German I and II (6)
- FLGE 301 – Advanced German Grammar (3)
- FLGE 302 – Advanced German Composition and Translation (3)
- FLGE 311 – Advanced German Conversation (3)
- FLGE 321 and FLGE 322 – Masterpieces of German Literature (6)
- PLAL 400 – Design and Creation of Electronic Portfolios for Foreign Language Majors (1)

Choose three courses from the following (9):

- FLGE 302 – Advanced German Composition and Translation (3)
- FLGE 320 – German Texts and Media (3)
- FLGE 321 – Masterpieces of German Literature I (3)
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

FLGE 322 – Masterpieces of German Literature II (3)
FLGE 323 – Special Topics in German Language, Literature, or Culture (3)

Course work from 400-level German courses (18). A minimum of 6 semester hours must be in literature courses.

Total Hours for Emphasis 1, Language and Literature: 46 34

Emphasis 2. Translation and Business German

Requirements in Department (46 34)
FLGE 101 and FLGE 102 – Beginning German I and II (6)
FLGE 201 and FLGE 202 – Intermediate German I and II (6)
FLGE 302 – Advanced German Composition and Translation (3)
FLGE 311 – Advanced German Conversation (3)
FLGE 321 and FLGE 322 – Masterpieces of German Literature (6)
FLGE 411 – Modern German (3)
FLGE 412 – Practical Business German (3)
FLGE 482 – Approaches to Translation (3)
FLAL 400 – Design and Creation of Electronic Portfolios for Foreign Language Majors (1)

Choose three courses from the following (9)
FLGE 302 – Advanced German Composition and Translation (3)
FLGE 320 – German Texts and Media (3)
FLGE 321 – Masterpieces of German Literature I (3)
FLGE 322 – Masterpieces of German Literature II (3)
FLGE 323 – Special Topics in German Language, Literature, or Culture (3)

Choose two courses from the following (6)
FLGE 412 – Practical Business German (3)
OR FLGE 414 – German Business Communication (3)
FLGE 482 – Approaches to Translation (3)
OR FLGE 484 – Translation Practice (3)

Course work from 400-level German courses (9 12)

Requirements outside Department (15)
MGMT 346 – Business Communication (3)
MKTG 310 – Principles of Marketing (3)
MKTG 367 – Principles of Global Marketing (3)
POLS 285 – Introduction to International Relations (3)

Choose five courses from the following
ANTH 363 – Globalization and Corporate Cultures (3)
ANTH 427 – Economic Anthropology (3)
COMS 361 – Business and Professional Communication (3)
COMS 362 – Intercultural Communication (3)
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CLCE 429 – International NGOs & Globalization (3)
MGMT 333 – Principles of Management (3)
MGMT 346 – Business Communication (3)
MKTG 310 – Principles of Marketing (3)
MKTG 325 – Buyer Behavior (3)
MKTG 345 – Business Marketing (3)
MKTG 348 – Integrated Marketing Communications (3)
MKTG 350 – Principles of Selling (3)
MKTG 355 – Direct Marketing (3)
MKTG 365 – Principles of Retailing (3)
MKTG 367 – Principles of Global Marketing (3)
MKTG 370 – Internet Marketing (3)

One of the Following (3)
MGMT 333 – Principles of Management (3)
MKTG 370 – Internet Marketing (3)

Total Hours for Emphasis 2, Translation and Business German: 64

Other Catalog Change

Major in Spanish (B.A.)

Emphasis 1. Language and Literature
Requirements in Department (48 37)
FLSP 101 and FLSP 102 – Elementary Spanish I and II (6)
FLSP 201 and FLSP 202 – Intermediate Spanish I and II (6)
FLSP 211 – Intermediate Spanish Conversation (3)
OR FLSP 215 – Spanish Grammar for Spanish Speakers (3)
FLSP 301 – Advanced Spanish Grammar (3)
FLSP 302 – Advanced Composition in Spanish (3)
FLSP 311 – Advanced Spanish Conversation (3)
FLSP 322 – Masterpieces of Spanish-American Literature (3)
FLSP 411 – Advanced Composition in Spanish (3)
FLSP 361 – Introduction to Spanish Cultures (3)
OR FLSP 362 – Introduction to Spanish American Cultures (3)
FLSP 480 – Introduction to Hispanic Linguistics (3)
FLAL 400 – Design and Creation of Electronic Portfolios for Foreign Language Majors (1)

Choose three courses from the following (9)
FLSP 431 – Spanish Golden Age Poetry (3)
FLSP 432 – Medieval Spanish Literature (3)
FLSP 433 – Classical Spanish Drama (3)
Received by the Undergraduate Coordinating Council December 12, 2013

COMMITTEE ON THE UNDERGRADUATE CURRICULUM (CUC)
Third Meeting/2013-14 Academic Year
November 14, 2013

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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLSP 434</td>
<td>Cervantes: The Quixote</td>
<td>(3)</td>
</tr>
<tr>
<td>FLSP 435</td>
<td>Spanish Golden Age Prose</td>
<td>(3)</td>
</tr>
<tr>
<td>FLSP 436</td>
<td>Spanish Romanticism and Realism</td>
<td>(3)</td>
</tr>
<tr>
<td>FLSP 437</td>
<td>The Generation of 1898/Fin de Siglo</td>
<td>(3)</td>
</tr>
<tr>
<td>FLSP 438</td>
<td>Contemporary Spanish Literature</td>
<td>(3)</td>
</tr>
<tr>
<td>FLSP 439</td>
<td>Women Authors in Hispanic Literature</td>
<td>(3)</td>
</tr>
<tr>
<td>FLSP 440</td>
<td>Spanish American Poetry and Theater</td>
<td>(3)</td>
</tr>
<tr>
<td>FLSP 441</td>
<td>Spanish American Novel</td>
<td>(3)</td>
</tr>
<tr>
<td>FLSP 445</td>
<td>Latin American Women Writers</td>
<td>(3)</td>
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<td>FLSP 452</td>
<td>Literature of the Carribean</td>
<td>(3)</td>
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<td>FLSP 454</td>
<td>Mexican Literature</td>
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<td>Spanish-American Short Story</td>
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<td>FLSP 456</td>
<td>Colonial Latin American Literature</td>
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<td>FLSP 457</td>
<td>19th Century Spanish American Literature</td>
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<td>FLSP 458</td>
<td>Spanish American Modernismo and Vanguardias: 1880-1945</td>
<td>(3)</td>
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<td>FLSP 459</td>
<td>Spanish American Historical Novels</td>
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<td>FLSP 460</td>
<td>Contemporary Spanish American Literature</td>
<td>(3)</td>
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<tr>
<td>FLSP 461</td>
<td>Special Topics in Spanish Civilization</td>
<td>(3)</td>
</tr>
<tr>
<td>FLSP 462</td>
<td>Special Topics in Spanish-American Civilization</td>
<td>(3)</td>
</tr>
<tr>
<td>FLSP 463</td>
<td>Hispanic Culture Through Film</td>
<td>(3)</td>
</tr>
<tr>
<td>FLSP 481</td>
<td>Spanish Phonology</td>
<td>(3)</td>
</tr>
<tr>
<td>FLSP 482</td>
<td>Foundations in Spanish Sociolinguistics</td>
<td>(3)</td>
</tr>
<tr>
<td>FLSP 485</td>
<td>Spanish Syntax</td>
<td>(3)</td>
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<tr>
<td>FLSP 486</td>
<td>Contrastive Grammatical Structures in Spanish and English</td>
<td>(3)</td>
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<td>FLSP 487</td>
<td>Hispanic Dialectology</td>
<td>(3)</td>
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<td>FLSP 491</td>
<td>History of the Spanish Language</td>
<td>(3)</td>
</tr>
<tr>
<td>FLAL 483</td>
<td>Applied Linguistics and the Romance Languages</td>
<td>(3)</td>
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</tbody>
</table>

Course work from 400-level Spanish literature courses (6)
Course work from other 400-level Spanish courses (6)

Total Hours for Emphasis 1, Language and Literature: 49 37

Emphasis 2. Translation and Business Spanish

Requirements in Department (49 37)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<td>FLSP 101 and FLSP 102*</td>
<td>Elementary Spanish I and II</td>
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<td>FLSP 201 and FLSP 202*</td>
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<tr>
<td>FLSP 211*</td>
<td>Intermediate Spanish Conversation</td>
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<tr>
<td>OR FLSP 215</td>
<td>Spanish Grammar for Spanish Speakers</td>
<td>(3)</td>
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<tr>
<td>FLSP 301</td>
<td>Advanced Spanish Grammar</td>
<td>(3)</td>
</tr>
<tr>
<td>FLSP 302</td>
<td>Advanced Composition in Spanish</td>
<td>(3)</td>
</tr>
<tr>
<td>FLSP 321</td>
<td>Masterpieces of Spanish Literature</td>
<td>(3)</td>
</tr>
</tbody>
</table>

* caveat: notation or course code is not understood.
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- OR FLSP 322 – Masterpieces of Spanish-American Literature (3)
- FLSP 361 – Introduction to Spanish Cultures (3)
- OR FLSP 362 – Introduction to Spanish-American Cultures (3)
- FLSP 411 – Advanced Composition in Spanish (3)
- FLSP 412 – Applied Spanish Conversation (3)
- FLSP 414 – Spanish Business Communications (3)
- FLSP 461 – Spanish Civilization (3)
- OR FLSP 462 – Spanish-American Civilization (3)
- FLSP 480 – Introduction to Hispanic Linguistics (3)
- OR FLSP 482 – Foundations in Spanish Sociolinguistics (3)
- OR FLSP 485 – Spanish Syntax (3)
- OR FLSP 486 – Contrastive Grammatical Structures in Spanish and English (3)
- FLSP 483 – Techniques of Translation (3)
- OR FLSP 484 – Advanced Translation (3)
- FLAL 400 – Design and Creation of Electronic Portfolios for Foreign Language Majors (1)

Choose two courses from the following (6)
- FLSP 380 – Gender and Hispanic Business Practices (3)
- FLSP 412 – Applied Spanish Conversation (3)
- FLSP 489 – Consecutive Interpretation: Theory & Practice (3)
- FLAL 415 – Internship in Foreign Languages (3)
- FLAL 420 – Introduction to Translation Theory (3)
- One elective from Emphasis 1 (FLSP 486 is recommended)

Requirements outside Department (15)
- MGMT 346 – Business Communication (3)
- MKTG 310 – Principles of Marketing (3)
- MKTG 367 – Principles of Global Marketing (3)
- POLS 285 – Introduction to International Relations (3)

Choose five courses from the following (15)
- ANTH 363 – Globalization and Corporate Cultures (3)
- ANTH 427 – Economic Anthropology (3)
- COMS 361 – Business and Professional Communication (3)
- COMS 362 – Intercultural Communication (3)
- CLCE 429 – International NGOs and Globalization (3)
- MGMT 333 – Principles of Management (3)
- MGMT 346 – Business Communication (3)
- MKTG 310 – Principles of Marketing (3)
- MKTG 325 – Buyer Behavior (3)
- MKTG 345 – Business Marketing (3)
- MKTG 348 – Integrated Marketing Communications (3)
- MKTG 350 – Principles of Selling (3)
- MKTG 355 – Direct Marketing (3)
- MKTG 365 – Principles of Retailing (3)
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MKTG 367 – Principles of Global Marketing (3)
MKTG 370 – Internet Marketing (3)

One of the following (3)

MGMT 333 – Principles of Management (3)

MKTG 370 – Internet Marketing (3)

Total Hours for Emphasis 2, Translation and Business Spanish: 64

Other Catalog Change

Teacher Certification Educator Licensure

Students majoring in French, German, or Spanish who seek certification licensure to teach a language in grades K-12 should consult with the coordinator of foreign language teacher development Foreign Language Teacher Licensure office at the earliest possible date to plan their course work so as to meet all program requirements, in addition to university general education requirements opportunity. Teacher licensure involves significant requirements in addition to the completion of a language degree and university general education requirements.

Procedures

Declare a major in French, German, or Spanish, usually with an emphasis in language and literature.

Consult with the departmental coordinator of teacher development Foreign Language Teacher Licensure office at the time the major is declared and at the beginning of each semester thereafter.

Obtain approval of the departmental coordinator of teacher development for admission to teacher certification. Applicants to the French teacher certification programs must earn at least a grade of B in FLFR 302 to qualify for admission. Applicants in German and Spanish must earn at least a grade of B in FLGE 301 or FLSP 301, respectively, to qualify.

Consult each semester with the division coordinator advisor for courses in the specific language major.

Apply for the first clinical course, ILAS 201.

Students are admitted to the teacher educator licensure program when they have:

- completed the written application for admission to the program, and a satisfactory interview,
- passed the Illinois Test of Academic Performance (TAP, formerly Basic Skills Test) or the ACT score substitution (22 composite or higher with writing component),
- 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 certified,
- successfully completed ILAS 201, and
- earned a grade of at least B in FLFR 301 or FLGE 301 or FLSP 301 Advanced Grammar course.
Retention
Students admitted to the program must maintain the GPA requirements of 2.75 overall and 3.00 in the foreign language major, and display appropriate professional dispositions at all times:
- Maintain a minimum GPA of 2.75 in all work at NIU.
- Maintain a minimum GPA of 3.00 in the foreign language major.
- Students are responsible not only for meeting the requirements of the degree program, but also the certification program and the requirements for a teaching certificate as set by the Illinois State Board of Education (ISBE).

Requirements in Department
Teacher Educator licensure students are required to take all the regular courses for a French, German, or Spanish major, in addition to choosing specific culture and linguistics courses as upper-level electives. Educator licensure students should consult regularly with both the language advisor and the Foreign Language Teacher Educator Licensure office when choosing courses.

For all majors: FLMT 401, FLMT 490, FLMT 491, and FLPT 485 (student teaching).
For French majors: FLAL 483, FLFR 481, and FLFR 463, or FLFR 464
For German majors: FLGE 461, FLGE 462, or FLGE 463, or FLGE 481
For Spanish majors: FLSP 481, and FLSP 480 or FLSP 482 or FLSP 485 or FLSP 486 or FLAL 483, and FLSP 461 or FLSP 462

Requirements outside Department
Prerequisites:
- ENGL 207 – Fundamentals of English Grammar (3) or test out.
- *PSYC 102 – Introduction to Psychology (3)
  - For students who do not have an ACT+ writing score of 22 or above for substitution and who have not passed the TAP/Basic Skills Test, a course in Test of Academic Proficiency preparation may be required. Consult the Foreign Language Teacher Educator Licensure office.

For all majors: ENGL 207 – Fundamentals of English Grammar (3); KNPE 262 – First Aid and CPR (2); *PSYC 102 – Introduction to Psychology (3)
For French majors: ARTH 292 – Art History Survey II: from ca. 1400 (3) and HIST 312 – France Since 1815 (3)
For German majors: *ARTH 292 – Art History Survey II: from ca. 1400 (3) and HIST 313 – Germany Since 1815 (3)
For Spanish majors: *ARTH 292 – Art History Survey II: from ca. 1400 (3) and HIST 315 – Spain Since 1475 (3), OR HIST 381 – Colonial Latin America (3), OR HIST 382 – Modern Latin America (3)

One course from another department with cultural content in the target culture (consult with the Foreign Language Educator Teacher Licensure office about which courses are available for each language).
Education course work in foundations of education, human development and learning, assessment, teaching exceptional students, and teaching English Language Learners. Consult with the Foreign Language Educator/Teacher Licensure office about which courses are approved for satisfying this requirement.

Clinical courses: ILAS 201 – Introductory Clinical Experience (1) and ILAS 301 – Second Clinical Experience (1-2)

Student Teaching
Students are ordinarily admitted to student teaching (FLPT 485) only upon application and after satisfactory completion of all other work required for graduation, including all other work in the major, the receipt of passing scores on required state tests, and attainment of a 2.75 cumulative GPA and a 3.00 in the major.

Professional Education Requirements Outside Department
EPFE 400 – Foundations of Education (3), OR EPFE 410 – Philosophy of Education (3)

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TLSE 457 – Systems for Integrating the Exceptional Student in the Regular Classroom (3)

Minor in French (30 18)
Check departmental information for any additional requirements.
FLFR 101 and FLFR 102 – Elementary French I and II (6)
FLFR 201 and FLFR 202 – Intermediate French I and II (6)
Choose 5 courses from among the following (15)

Minor in German (30 18)
Six or more semester hours in the minor must be taken at NIU.
Check departmental information for any additional requirements.

Requirements (18)
FLGE 101 and FLGE 102 – Beginning German I and II (6)
FLGE 201 and FLGE 202 – Intermediate German I and II (6)
Choose 5 six courses from among the following (15 18)
FLGE 301 – Advanced German Grammar (3)
FLGE 320 – German Texts and Media (3)
FLGE 321 and FLGE 322 – Masterpieces of German Literatures (6)
FLGE 321 – Masterpieces in German Literature I (3)
FLGE 322 – Masterpieces in German Literature II (3)
FLGE 323 – Special Topics in German Language, Literature, or Culture (3)
Plus one Elective from 400-level FLGE courses (3)
Six or more semester hours in the minor must be taken at NIU.

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Minor in Russian (24)
FLRU 101 and FRLU 102 – Elementary Russian I and II (6 3)
FLRU 102 – Elementary Russian II (3)
FLRU 201 and FRLU 202 – Intermediate Russian I and II (6 3)
FLRU 202 – Intermediate Russian II (3)
FLRU 301 – Advanced Russian Grammar and Composition (3)
FLRU 311 – Russian Conversation and Composition (3)
FLRU 321 – Introduction to Russian Literature (3)
FLRU 432 – Russian Literature and Culture (3)
FLRU 431 – 19th Century Russian Literature (3)
FLRU 432 – Russian Literature and Culture (3)
FLRU 433 – Russian Modernist Literature: 1881-1930 (3)
FLRU 434 – 20th Century Russian Literature (3)
FLRU 461 – Contemporary Russian Culture (3)
FLRU 480 – Modern Russian (3)
HIST 336 – Medieval Russia: Origins to 1682 (3)
HIST 337 – History of Russia: 1682-1917 (3)
HIST 338 – History of Russia: 1917- Present (3)
HIST 434 – The Russian Revolution (3)
HIST 435 – Stalin and Stalinism (3)
Six or more semester hours in the minor must be taken at NIU.

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Minor in Spanish (30 21)
FLSP 101 and FLSP 102 – Elementary Spanish I and II (6)
Check departmental information for any additional requirements.
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FLSP 201 and FLSP 202* – Intermediate Spanish I and II (6)
FLSP 211* – Intermediate Spanish Conversation (3),
OR FLSP 215 – Spanish Grammar for Spanish Speakers (3)
FLSP 301 – Advanced Spanish Grammar (3)
FLSP 311 – Advanced Spanish Conversation (3)

Choose four courses from the following (12)

FLSP 302 – Advanced Composition in Spanish (3)
FLSP 320 – Intensive Reading and Introduction to Literary Analysis (3)
FLSP 321 – Masterpieces of Spanish Literature (3)
OR FLSP 322 – Masterpieces of Spanish-American Literature (3)
FLSP 361 – Introduction to Spanish Cultures (3)
FLSP 362 – Introduction to Spanish American Cultures (3)

Elective from 400-level FLSP courses (3)

Six or more semester hours in the minor must be taken at NIU.

Department of Geography

New Courses


GEOG 470. WEB MAPPING (3). Design and implementation of interactive, web-based geovisualizations. Theory of map-based, human-computer interaction and supporting data structures and communication techniques. Two hours of lecture and two hours of laboratory. PREREQUISITE: GEOG 359 and GEOG 467 or consent of department.

Course Revisions

GEOG 453. ENVIRONMENTAL MANAGEMENT (3). Human-environment … … PRQ: GEOG 101 or GEOG 253 or ENVS 302 or ENVS 303 or ENVS 304 or consent of department.

GEOG 496X. HISTORY AND SOCIAL SCIENCE INSTRUCTION IN GRADES 6-12 FOR SECONDARY EDUCATORS (3). Crosslisted as ANTH 496X, ECON 496X, HIST 496, POLS 496X, PSYC 496X, and SOCI 496X. Organization and presentation of materials for history and social science courses at the middle school, junior high, and senior high school secondary levels. PRQ: Admission to the history or social science
MET 430. MICROMETEOROLOGY (3). Study of physical processes in the turbulent transfer of momentum, heat, and moisture in the atmospheric boundary layer. Field installation and operational use of meteorological instrumentation. Assessment of precision, accuracy, and calibration of sensors. Data processing and interpretation. Lecture and field experience, atmospheric and biophysical processes near the surface of the earth, procedures and methods in measuring interactions of soil-plant-air-water. Topics including radiation fluxes, turbulent transfer in momentum, heat, water vapor, carbon dioxide, and pollutant dispersal, biometeorology, agrometeorology, and local wind circulation. PRQ: MET 300 and CSCI 230 or CSCI 240, or consent of the department.
Students who want to be certified licensed to teach geography/social sciences in grades 6-12 at the secondary level must declare their intention to do so with the office of teacher certification in the Department of History & and Social Sciences Secondary Teacher Education Program at the earliest possible opportunity. Certification Educator licensure involves significant requirements in addition to the completion of a degree in geography.

Admission
Students are admitted to the certification History & and Social Sciences Secondary Teacher Education Program when they have established a file with the Department of History & and Social Sciences Secondary Teacher Education Program office of teacher certification and completed satisfactory reviews of progress each semester after establishment of the file; attained junior standing … … minimum GPA of 2.75; passed the Test of Academic Proficiency or met the requirements for an ACT/SAT/TAP substitution; completed at least 6 … … at the college/university level; completed the core competency requirements in English and oral communication; completed at least 20 clock hours of approved early clinical experiences; and met all other Illinois State Board of Education (ISBE) requirements for admission to an educator licensure program; and obtained approval from the Department of History & and Social Sciences Secondary office of Teacher certification Education Program.

Retention
Students admitted … … progress each semester with the Department of History & and Social Sciences Secondary office of Teacher certification Education Program.

Department Requirements
Students must complete … … GEOG 496X, History and Social Science Instruction in Grades 6-12 for Secondary Educators. Except in unusual … … in student teaching.

Other Requirements
Students must complete HIST 400, Student Teaching in History/Social Sciences in Grades 6-12 for Secondary Educators. Except in unusual … … required for graduation and certification licensure.

Students must complete the minimum requirements for teaching endorsements in both U.S. history (8 semester hours) and world history (8 semester hours).
The History & Social Sciences Secondary Teacher Education 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 Secondary Teacher Education Program to determine the necessary requirements to obtain educator licensure.

Illinois requires 100 clock hours certification for enrollment in these experiences.

Students must complete this requirement.

Placement

The History & Social Sciences Secondary Teacher Education 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.

Department of Geology and Environmental Geosciences

New Courses

CIP Code: 40.06

350. INTERNSHIP IN GEOSCIENCES (1-6). Internship in an off-campus public or private agency, organization, or company in a field related to Geology and Environmental Geosciences, under the academic supervision of department undergraduate advisor. May be repeated to a maximum of 6 semester hours. Credit earned in GEOL 350 may not be used to fulfill department requirements for undergraduate degrees. S/U grading. PRQ: GEOL 322 and 325 or consent of department.

Course Revision

390. INTRODUCTION TO GROUNDWATER (3). Introduction to . . . . PRQ: GEOL 120 and GEOL 121, or GEOG 101 and GEOG 102, and MATH 110, or MATH 211, or MATH 229, or higher.

Other Catalog Changes

Department of Geology and Environmental Geosciences (GEOL)

1. <Footnotes>
2. *Available for general education credit.
3. Students who want to pursue graduate study in geochemistry, geophysics, or hydrogeology should take MATH 229, MATH 230, PHYS 253, PHYS 273, as well as MATH 336.
4. 2 With written approval of the departmental undergraduate adviser, students with a special interest in ecology and/or paleontology may substitute BIOS 209 and BIOS 211 for PHYS 210 and PHYS 211 (or PHYS 253 and PHYS 273).
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A cross-departmental pre-law sequence is also available. Students desiring to pursue other disciplines may petition the department’s Undergraduate Committee.

Department of History

New Courses

CIP: 54.01

339. FRENCH OVERSEAS EMPIRE (3). Examines major themes in the history of imperialism through the case of France’s colonial ventures in North America, the Caribbean, Southeast Asia, sub-Saharan Africa, and North Africa. Cross-listed as ANTH 401X, ECON 401X, GEOG 401X, POLS 401X, PSYC 401X, and SOCI 401X. 

360. EARLY ENCOUNTERS IN NATIVE NORTH AMERICA (3). Examination of the earliest encounters between Native Americans and newcomers to 1800. Topics include Native North America before European arrival; how Native Americans made sense of newcomers after 1492; the diversity of first encounters and exchanges; the development of a new world; and the conflicts and wars that arose over time.


428. GENDER AND WAR (3). History and historiography of gender and war in comparative context. Emphasis on close reading of selected secondary sources.

Course Revisions

400. STUDENT TEACHING (SECONDARY) IN HISTORY/SOCIAL SCIENCES FOR SECONDARY EDUCATORS (12). Student teaching for one semester. Assignments arranged with the department’s office of secondary teacher certification education. S/U grading. PRQ: HIST 496 and permission of the department’s office of secondary teacher certification education.

496. HISTORY AND SOCIAL SCIENCE INSTRUCTION IN GRADES 6-12 FOR SECONDARY EDUCATORS (3). Crosslisted as ANTH 496X, ECON 496X, GEOG 496X, POLS 496X, PSYC 496X, and SOCI 496X. Organization and presentation of materials for history and social science courses at the middle school, junior high, and senior high school secondary levels. PRQ: Admission to the history or social science
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Other Catalog Change

Major in History (B.A. or B.S.)

Group A: (HIST 300, … HIST 357, HIST 360, HIST 407, … HIST 490B)
Group B: (HIST 339, HIST 341, … HIST 402, HIST 428, HIST 440, … HIST 490U)

Teacher Certification

Professional Educator Licensure – Social Sciences: History

Students who want to be certified licensed to teach history in grades 6-12 at the secondary level should declare their intention with the department’s office of teacher certification History and Social Sciences Secondary Teacher Education Program at the earliest possible opportunity. Certification involves significant requirements in addition to the completion of a degree in history.

Admission

Students are admitted to the certification History and Social Sciences Secondary Teacher Education Program when they have established a file with the department’s office of History and Social Sciences Secondary Teacher Certification Education Program and completed satisfactory reviews of progress each semester after establishment of the file;

attained junior standing… …GPA of 2.75;

passed the Test of Academic Proficiency or met the requirements for an ACT/SAT/TAP substitution;

completed at least 6… …college/university level;

met all other Illinois State Board of Education (ISBE) requirements for admission to an educator licensure program; and

completed at least 20 clock hours of approved early clinical experiences; and

obtained approval from the department’s office of History and Social Sciences Secondary Teacher Certification Education Program.
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Retention
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 History & Social Sciences Secondary Teacher Certification Education Program.

Department Requirements
Students must complete …… They also must complete HIST 496, History and Social Science Instruction in grades 6-12 for Secondary Educators, and HIST 400, Student Teaching in History/Social Sciences in grades 6-12 for Secondary Educators. Except in unusual …… for graduation and certification licensure.

Other Requirements
Illinois requires 100 clock hours of substantial, varied, and sequential clinical experiences prior to student teaching. Students must obtain permission from the department’s office of teacher certification for enrollment in these experiences. Students must complete course work in human development and learning, techniques of assessment, foundations of education, and integrating exceptional students into the regular classroom. Students should consult with the department’s office of teacher certification to determine which courses are approved for satisfying this requirement. The History & Social Sciences Secondary Teacher Education 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 Secondary Teacher Education Program to determine the necessary requirements to obtain educator licensure.

Placements
The History & Social Sciences Secondary Teacher Education 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.

Department of Mathematical Sciences

All University Section

University Graduation Requirements

Other Catalog Change Pages 30-34, 2013-14 Undergraduate Catalog

Core Competency Course Descriptions

211. CALCULUS FOR BUSINESS AND SOCIAL SCIENCE (3). An elementary treatment of topics from differential and integral calculus, with applications in social science and business. Except with departmental approval students may not receive credit for both MATH 211 and MATH 229. Students may receive credit for both MATH 211 and MATH 229, but only one of them will count toward the minimum number of hours required for graduation. Not used in …… Examination.
229. CALCULUS I (4). A first course in calculus. Except with departmental approval, students may not receive credit for both MATH 211 and MATH 229. Students may receive credit for both MATH 211 and MATH 229, but only one of them will count toward the minimum number of hours required for graduation. PRQ: MATH 155 … … Examination.

Sciences and Mathematics (7-11)

229. CALCULUS I (4). A first course in calculus. Except with departmental approval, students may not receive credit for both MATH 211 and MATH 229. Students may receive credit for both MATH 211 and MATH 229, but only one of them will count toward the minimum number of hours required for graduation. PRQ: MATH 155 … … Examination.

Department Section

Course Revisions

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211. CALCULUS FOR BUSINESS AND SOCIAL SCIENCE (3). An elementary treatment of topics from differential and integral calculus, with applications in social science and business. Except with departmental approval, students may not receive credit for both MATH 211 and MATH 229. Students may receive credit for both MATH 211 and MATH 229, but only one of them will count toward the minimum number of hours required for graduation. Not used in … … Examination.

229. CALCULUS I (4). A first course in calculus. Except with departmental approval, students may not receive credit for both MATH 211 and MATH 229. Students may receive credit for both MATH 211 and MATH 229, but only one of them will count toward the minimum number of hours required for graduation. PRQ: MATH 155 … … Examination.

GEC 11/21/13

Other Catalog Change

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Major in Mathematical Sciences (B.S.)

Emphasis 5. Mathematics Education

Requirements in outside Department (26-32)

PHSE 457 - Systems for Integrating the Exceptional Student in the Regular Classroom, Methods for Including Middle and Secondary Students with Exceptionalities in the General Education Classroom (3)

Center for Non-Governmental Organization Leadership and Development
Course Deletion

CLCE 310. CIVIC ENGAGEMENT (3)

Course Revisions

CLCE 410. NONPROFITS AND COMMUNITY ENGAGEMENT (3). Provides practical and theoretical understanding of nonprofit sector and its role in addressing community challenges. Application of public service and community leadership concepts via service learning component via student projects with community agency partners. PRQ: CLCE majors only, at least junior standing, CLCE 100, PSPA 402 or 401, or permission of center.

CLCE 429. INTERNATIONAL NGOs AND GLOBALIZATION (3). Crosslisted as ANTH 429X and SOCI 329X. Review of ... Ethnographic Examination of the ... consent of instructor.

CLCE 495. CAPSTONE SEMINAR IN COMMUNITY LEADERSHIP AND CIVIC ENGAGEMENT (3). Intensive case study, research ... PRQ: Senior standing; CLCE majors only; CLCE 100 and consent of center. CRQ: CLCE 410.

Other Catalog Change

Major in Community Leadership and Civic Engagement (B.A. or B.S.)

Requirements in Department Center (15–18)

CLCE 100 – Community Leadership and Civic Engagement (3)

CLCE 310 – Civic Engagement (3)

CLCE 350 – Community Organizations in a Digital World (3), OR CLCE 390 – Special topics in Community Leadership and Civic Engagement (3), OR CLCE 429 – International NGOs and Globalization (3)

CLCE 410 – Nonprofits and Community Engagement (3)

CLCE 429/ANTH 429X/SOCI 329X – International NGOs and Globalization (3)

OR ANTH 429X – International NGOs and Globalization (3)

OR SOCI 329X – International NGOs and Globalization (3)

CLCE 495 – Capstone Seminar in Community Leadership and Civic Engagement (3)

Research course with permission of Center (3)

Requirements outside Department Center (B.A., 43-47; B.S., 50-57)

ANTH 220 – Introduction to Cultural Anthropology (3)

OR ECON 160 – Contemporary Economic Issues (3)

OR HIST 171 – World History II: Problems in the Human Past (3)

OR PHIL 231 – Contemporary Moral Issues (3)

OR POLS 260 – Introduction to Comparative Politics (3)
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OR SOCI 170 – Introduction to Sociology (3)
OR SOCI 270 – Social Problems (3)
ANTH 329 – Anthropology and Contemporary World Problems (3)
COMS 220 – Rhetoric and Public Issues (3)
POLS 100 – American Government and Politics (3)
POLS 150 – Democracy in America (3)
PSPA 201 – Public Service Leadership (3)
PSPA 326X – Nonprofit Management (3)
OR POLS 326 – Nonprofit Management (3)

↓
SOCI 170 – Introduction to Sociology (3)
SOCI 392 – Organizing for Social Action (3)

Course work in foreign literature or culture approved by major adviser (3)

Emphasis 1. Advocacy

Requirements outside Center (15)
Five of the following, from at least three different departments (15)
COMS 220 – Rhetoric and Public Issues (3)
COMS 300 – Speech Writing (3)
POLS 220 – Introduction to Public Policy (3)
PSPA 201 – Public Service Leadership (3)
PSPA 330X – Bureaucracy and the Public Policy Process (3)
OR POLS 330 – Bureaucracy and the Public Policy Process (3)
SOCI 375 – Sociology of Organizations (3)
SOCI 379 – Collective Behavior and Social Movements (3)
SOCI 386 – Peace and Social Justice (3)
SOCI 392 – Organizing for Social Action (3)

Emphasis 2. Arts and Humanities

Requirements outside Center (15)
Five of the following, from at least three different departments (15)
MUHL 432 – Music of China (3)
PSPA 201 – Public Service Leadership (3)
THEA 203 – Introduction to Theatre (3)
THEA 370 – History of Theatre and Drama I (3)
THEA 371 – History of Theatre and Drama II (3)
THEA 395B – Performance and Production Credits: Theatre Management and Public Relations
Emphasis 3. Enterprise

Requirements outside Center (18 15)
ECON 260 – Principles of Microeconomics (3)
ECON 261 – Principles of Macroeconomics (3)

Four of the following from at least three different departments (12 15)
- ACCY 288 – Fundamentals of Accounting (3)
- ECON 260 – Principles of Microeconomics (3)
- ECON 261 – Principles of Macroeconomics (3)
- ECON 330 – International Economics (3)

- MKTG 310 – Principles of Marketing (3)
- PSPA 201 – Public Service Leadership (3)

Emphasis 4. Environmental

Requirements outside Center (18 15)
ECON 260 – Principles of Microeconomics (3)
ECON 261 – Principles of Macroeconomics (3)

Four of the following, from at least three different departments (12 15)
- ANTH 425 – Environment and Anthropology (3)
- ANTH 464/CLCE 464X – Disasters without Borders (3)
- OR CLCE 464X – Disasters without Borders (3)
- ECON 260 – Principles of Microeconomics (3)
- ECON 261 – Principles of Macroeconomics (3)
- ECON 386 – Environmental Economics (3)

- JOUR 350 – Environment, Health, and the Media (3)
- PSPA 201 – Public Service Leadership (3)
- SOCI 364 – Environmental Sociology (3)

Emphasis 5. Global

Requirements outside Center (18 15)
ECON 260 – Principles of Microeconomics (3)
ECON 261 – Principles of Macroeconomics (3)

Four of the following, from at least three different departments (12 15)
- ANTH 427 – Economic Anthropology (3)
- ANTH 464/CLCE 464X – Disasters without Borders (3)
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| OR CLCE 464X – Disasters without Borders (3) |
| COMS 454 – Transnational Communication and Media (3) |
| ECON 260 – Principles of Microeconomics (3) |
| ECON 261 – Principles of Macroeconomics (3) |
| ECON 330 – International Economics (3) |
| ↓ |
| POLS 386 – Global Terrorism (3) |
| PSPA 201 – Public Service Leadership (3) |
| PSPA 328 – Role of Nongovernmental Organizations in Development (3) |
| SOCI 457 – Families in Global Perspective (3) |

Course work in comparative politics course approved by major adviser (3)
Course work in non-United States history approved by major adviser (3)

Total Hours for a Major in Community Leadership and Civic Engagement: 54-66 (B.A.) OR 64-75 (B.S.)

Other Catalog Change

Minor in Community Leadership and Civic Engagement (18)

Requirements in Department Center (6)
CLCE 100 – Introduction to Community Leadership and Civic Engagement (3)
CLCE 310 – Civic Engagement (3)
CLCE 350 – Community Organizations in a Digital World (3), OR CLCE 390 – Special Topics in Community Leadership and Civic Engagement (3), OR CLCE 429 – International NGOs and Globalization (3)

Requirements outside Department Center (12)
PSPA 326X – Nonprofit Management (3), OR POLS 326 – Nonprofit Management (3)
Three of the following from different departments (9)
ANTH 329 – Anthropology and Contemporary World Problems (3)
ANTH 429X – International NGOs and Globalization (3)
ANTH 464 – Disasters without Borders (3), OR CLCE 464X – Disasters without Borders (3)
PSPA 326X – Nonprofit Management (3), OR POLS 326 – Nonprofit Management (3)
PSPA 328 – Nongovernmental Organizations and Development (3)
PSPA 441/301 – Philanthropy and Volunteerism (3)
PSPA 402 – Resource Strategies for Non-Profit Organizations (3), OR MGMT 402X – Resource Strategies for Non-Profit Organizations (3)
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SOCI 329 – International NGOs and Globalization (3)
SOCI 375 – Sociology of Organizations (3)
↓

Other Catalog Change

Certificate of Undergraduate Study

Civic Engagement (12)

Coordinator: Nancy Castle (Interim Director)

The certificate consists of three core courses. The core courses enable practical application of knowledge and provide engaged learning opportunities as well as an in-depth service learning experience.

Required Courses (9–12)

CLCE 100 – Community Leadership and Civic Engagement (3)
PSPA 301 – Philanthropy and Volunteering (3)
CLCE 410 – Nonprofits and Community Engagement (3)

ANTH 329 – Anthropology and Contemporary World Problems (3)
OR SOCI 392 – Organizing for Social Action (3)

One course from the following (3)

ANTH 329 – Anthropology and Contemporary World Problems (3)
MGMT 311 – Social Entrepreneurship (3)
PSPA 326 – Nonprofit Management (3)
PSPA 328 – Role of Nongovernmental Organizations in Development (3)
PSPA 401 – Philanthropy and Volunteering (3)
PSPA 402 – Resource Strategies for Nonprofit Organizations (3)

SOCI 392 – Organizing for Social Action (3)

Department of Physics

Other Catalog Changes

Major in Physics (B.S.)

Emphasis 2, Secondary School Teaching

Students interested in Illinois State certification as a physics teacher should see the section below on teacher certification.
Important: Students wishing to receive Illinois State certification and/or endorsement to teach physics should also refer carefully to the section below labeled Teacher Certification/Educator Licensure for additional requirements.

Requirements in Department (37-42) *(37-39)*

PHYS 210 – General Physics I, AND PHYS 211 – General Physics II (8),
AND PHYS 273 – Fundamentals of Physics II: Electromagnetism (4)

PHYS 253 – Fundamentals of Physics I: Mechanics (4)
PHYS 273 – Fundamentals of Physics II: Electromagnetism (4)
PHYS 283 – Fundamentals of Physics III: Quantum Physics (3)

PHYS 275 – Laboratory Electronics I (4)
PHYS 383 – Intermediate Quantum Physics (3)
PHYS 493X – Interdisciplinary Teaching of Science in Secondary Education (3)
PHYS 494 – Use of Technology in Secondary Science Teaching (2)

Requirements outside Department (21-22) *(23)*

*CHEM 210 – General Chemistry I (3)
AND *CHEM 212 – General Chemistry Laboratory I (1)

ILAS 300 – Discipline-Based Clinical Experiences for the Illinois Standard High School Certificate (1), OR ILAS 301 – Second Clinical Experience (1-2)

*MATH 229 – Calculus I (4)
AND MATH 230 – Calculus II (4)
AND MATH 232 – Calculus III (4)

MATH 336 – Ordinary Differential Equations (3)

Total Hours for Emphasis 2, Secondary School Teaching: **58-64** **60-62**

Emphasis 3. Applied Physics

Requirements in Department (29-34) *(32-34)*

PHYS 210 – General Physics I, AND PHYS 211 – General Physics II (8),
AND PHYS 273 – Fundamentals of Physics II: Electromagnetism (4)

PHYS 253 – Fundamentals of Physics I: Mechanics (4)
PHYS 273 – Fundamentals of Physics II: Electromagnetism (4)
PHYS 283 – Fundamentals of Physics III: Quantum Physics (3)
PHYS 375 – Laboratory Electronics I (4)
PHYS 383 – Intermediate Quantum Physics (3)
PHYS 498 – Senior Seminar (1)
  OR PHYS 499H – Senior Project in Physics (3)

Other Requirements (42-44) (14-16)
Electives from physics and other related sciences. At least 10 semester hours must be 300- or 400-level PHYS courses. Other tracks can be developed in consultation with an adviser.

Total Hours for Emphasis 3, Applied Physics: 69-76  69-73

Minor in Physics (25-28) (25)

MATH 230 – Calculus II (4)
*PHYS 253 – Fundamentals of Physics I: Mechanics (4)
  AND *PHYS 273 – Fundamentals of Physics II: Electromagnetism (4)
  OR *PHYS 210 – General Physics I (4)
  AND PHYS 211 – General Physics II (4)
  AND PHYS 252 – Intermediate General Physics (3)
PHYS 283 – Fundamentals of Physics III: Quantum Physics (3)
AND PHYS 284 – Quantum Physics Laboratory (1)
Nine additional hours selected from the following: PHYS 300, PHYS 320, PHYS 367, PHYS 370, PHYS 374, PHYS 375, PHYS 383, PHYS 385 or any 400-level physics course.

Six or more semester hours in the minor must be taken at NIU.

Department of Political Science

All University Section

University Graduation Requirements

received by the Undergraduate Coordinating Council December 12, 2013

Committee on the Undergraduate Curriculum (CUC)
Third Meeting/2013-14 Academic Year
November 14, 2013

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Department of Political Science

All University Section

University Graduation Requirements

General Education Requirements

Distributive Study Area Requirements

Social Sciences

POL 220, INTRODUCTION TO PUBLIC POLICY (3). Crosslisted as PSPA 220X. Factors important in the policy process through an examination of selected issue areas such as health, the environment, energy, and economic regulation. Politics of evaluation and its uses.
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

PSPA 220X. INTRODUCTION TO PUBLIC POLICY (3). Crosslisted as POLS 220. Factors important in the policy process through an examination of selected issue areas such as health, the environment, energy, and economic regulation. Politics of evaluation and its uses.

General Education Course Titles
Social Sciences

POLS 220. INTRODUCTION TO PUBLIC POLICY (3).

PSPA 220X. INTRODUCTION TO PUBLIC POLICY (3).

GEC 10/17/13

Department section

GEC New Course Undergraduate Catalog

CIP: 44.04

PSPA 220X. INTRODUCTION TO PUBLIC POLICY (3). Crosslisted as POLS 220. Factors important in the policy process through an examination of selected issue areas such as health, the environment, energy, and economic regulation. Politics of evaluation and its uses.

GEC 10/17/13

New Courses Page 307, 2013-14 Undergraduate Catalog

CIP: 45.10

393. POLITICAL SCIENCE CAREER (1). Exploration of career options for political science majors. This one-credit course will assist students with the identification of career paths, the development of skills (e.g., résumé creation, interviewing techniques, adopting professional attitudes and behavior), and provide coaching and mentoring opportunities. PRQ: political science major and sophomore or junior standing.

General

401X. THIRD CLINICAL SECONDARY SCHOOL EXPERIENCE IN HISTORY/SOCIAL SCIENCES (1-2). Crosslisted as ANTH 401X, ECON 401X, GEOG 401X, HIST 401, PSYC 401X, and SOCI 401X. Discipline-based clinical experiences for prospective secondary teachers in history and social sciences. Observations, evaluation, and practicum on methods and problems in teaching in the discipline. Includes a minimum of 40 clock hours of supervised and formally evaluated experiences in the particular setting likely
### 220. INTRODUCTION TO PUBLIC POLICY (3)

*Crosslisted as PSPA 220X*

Factors … … its uses.

**Emphasis 1. Politics**

- POLS 220/PSPA 220X – Introduction to Public Policy (3).

**Emphasis 2. Public Law**

- POLS 220/PSPA 220X – Introduction to Public Policy (3).

**Emphasis 3. Public Administration and Service**

- POLS 220/PSPA 220X – Introduction to Public Policy (3).

**Electives in political science (15)**

… Students pursuing the B.S. degree must complete POLS 220/PSPA 220X, Introduction to Public Policy (3), and

**Emphasis 4. International Politics**

- POLS 220/PSPA 220X – Introduction to Public Policy (3).
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

**Teacher Certification: Professional Educator Licensure – Social Sciences: Political Science**

Students who want to be licensed to teach political science/social sciences in grades 6-12 at the secondary level must declare their intention to do so with the office of teacher certification in the Department of History & Social Sciences Secondary Teacher Education Program at the earliest possible opportunity.

Certification Educator licensure involves significant requirements in addition to the completion of a degree in political science.

**Admission**

Students are admitted to the certification History & Social Sciences Secondary Teacher Education Program when they have

- established a file with the Department of History’s History & Social Sciences Secondary Teacher Education Program office of teacher certification and completed satisfactory reviews of progress each semester after establishment of the file;
- attained junior standing … … minimum GPA of 2.75;
- passed the Test of Academic Proficiency or met the requirements for an ACT/SAT/TAP substitution;
- completed at least 6 … … at the college/university level;
- completed the core competency requirements in English and oral communication;
- completed at least 20 clock hours of approved early clinical experiences; and
- met all other Illinois State Board of Education (ISBE) requirements for admission to an educator licensure program; and

obtained approval from the Department of History’s History & Social Sciences Secondary Teacher Certification Education Program.

**Retention**

Students admitted … … progress each semester with the Department of History’s History & Social Sciences Secondary Teacher Certification Education Program.

**Department Requirements**

Students must complete … … POLS 496X, History and Social Science Instruction in Grades 6-12 for Secondary Educators. Except in unusual … … in student teaching.

**Other Requirements**
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

Students must complete HIST 400, Student Teaching in History/Social Sciences in Grades 6-12 for Secondary Educators. Except in unusual … … required for graduation and certification licensure.

Students must complete the minimum requirements for teaching endorsements in both U.S. history (8 semester hours) and world history (8 semester hours).

The History & Social Sciences Secondary Teacher Education 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 Secondary Teacher Education Program to determine the necessary requirements to obtain educator licensure.

Illinois requires 100 clock hours of substantial, varied, and sequential clinical experiences prior to student teaching. Students must obtain permission from the Department of History’s office of teacher certification for enrollment in these experiences.

Students must complete course work in human development and learning, techniques of assessment, foundations of education, and integrating exceptional students into the regular classroom. Students should consult with the Department of History’s office of teacher certification to determine which courses are approved for satisfying this requirement.

Placement

The History & Social Sciences Secondary Teacher Education 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.

Other Catalog Change

Minor in Political Science (18)

POLS 220/PSPA 220X – Introduction to Public Policy (3).

GEC 10/17/13

Department of Psychology

New Course

CIP: 42.01

401X. THIRD CLINICAL SECONDARY SCHOOL EXPERIENCE IN HISTORY/SOCIAL SCIENCES (1-2). Crosslisted as ANTH 401X, ECON 401X, GEOG 401X, HIST 401, POLS 401X, and SOCI 401X.

Discipline-based clinical experiences for prospective secondary teachers in history and social sciences.
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog p. 94 of 109

Observations, evaluation, and practicum on methods and problems in teaching in the discipline. Includes a minimum of 40 clock hours of supervised and formally evaluated experiences in the particular setting likely for the student teaching experience. S/U grading. PRQ: Consent of department. CRQ: HIST 496 (or cross-listed sections).

Course Revision Page 313, 2013-14 Undergraduate Catalog

496X. HISTORY AND SOCIAL SCIENCE INSTRUCTION IN GRADES 6-12 FOR SECONDARY EDUCATORS (3). Crosslisted as ANTH 496X, ECON 496X, GEOG 496X, HIST 496, POLS 496X, and SOCI 496X. Organization and presentation of materials for history and social science courses at the middle school, junior high, and senior high school secondary levels. PRQ: Admission to the history or social science secondary teacher certification education program and permission of the Department of History’s office of secondary teacher certification education.

Other Catalog Change Page 310-311, 2013-14 Undergraduate Catalog

Teacher Certification Professional Educator Licensure – Social Sciences: Psychology

Students who want to be licensed to teach psychology/social sciences in grades 6-12 at the secondary level must declare their intention to do so with the office of teacher certification in the Department of History and Social Sciences Secondary Teacher Education Program at the earliest possible opportunity. Certification 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 Secondary Teacher Education Program when they have

- established a file with the Department of History’s and Social Sciences Secondary Teacher Education Program office of teacher certification and completed satisfactory reviews of progress each semester after establishment of the file;
- attained junior standing … … minimum GPA of 2.75;
- passed the Test of Academic Proficiency or met the requirements for an ACT/SAT/TAP substitution;
- completed at least 6 … … at the college/university level;
- completed the core competency requirements in English and oral communication;
- completed at least 20 clock hours of approved early clinical experiences; and
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog p. 95 of 109

met all other Illinois State Board of Education (ISBE) requirements for admission to an educator licensure program; and

obtained approval from the Department of History’s & Social Sciences Secondary office of Teacher Certification Education Program.

Retention
Students admitted … … progress each semester with the Department of History’s & Social Sciences Secondary office of Teacher Certification Education Program.

Department Requirements
Students must complete … … PSYC 496X, History and Social Science Instruction in Grades 6-12 for Secondary Educators. Except in unusual … … in student teaching.

Other Requirements
Students must complete HIST 400, Student Teaching in History/Social Sciences in Grades 6-12 for Secondary Educators. Except in unusual … … required for graduation and certification licensure.

Students must complete the minimum requirements for teaching endorsements in both U.S. history (8 semester hours) and world history (8 semester hours).

The History & Social Sciences Secondary Teacher Education 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 Secondary Teacher Education Program to determine the necessary requirements to obtain educator licensure.

Illinois requires 100 … … enrollment in these experiences.

Students must complete course … … approved for satisfying this requirement.

Placement
The History & Social Sciences Secondary Teacher Education 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.

Department of Sociology

All University Section

Inter-College Interdisciplinary Certificates and Programs

Other Catalog Change Page 347, 2013-14 Undergraduate Catalog
Major in Applied Management (B.S.)

**Emphasis 2. Public Safety (27)**

**Required Courses (12)**

- SOCI 381 – Criminology (3)
- SOCI 383 – The Criminal Justice System (3)

**Department Section**

**New Courses**

New Course

- CIP Code: 45.11

329X. INTERNATIONAL NGOs AND GLOBALIZATION (3). Crosslisted as ANTH 429X and CLCE 429. Review of the history of international nongovernmental organizations (INGOs) particularly changes since the advent of neoliberal globalization beginning in the late 1980s that heralded an “NGO boom.” Examination of the political roles of INGOs and challenges negotiating multiple relationships with communities, governments, and social movements. PRQ: Junior standing or consent of instructor.

**New Course**

- CIP: 45.11


**Course Revisions**

- 288 381. CRIMINOLOGY (3). Examination … … department.
- 289 383. THE CRIMINAL JUSTICE SYSTEM (3). Overview of … … department.

384. POLICE IN A DEMOCRATIC SOCIETY (3). Examination … … PRQ: SOCI 170 or SOCI 250 or SOCI 260 or SOCI 270; SOCI 383 289; or consent of department.
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog

388. PUNISHMENT AND CORRECTIONS (3). History of … … PRQ: SOCI 170 or SOCI 250 or SOCI 260 or SOCI 270; SOCI 288 or SOCI 289; or consent of the department.

480. COMMUNITIES AND CRIME (3). Examination of … … PRQ: SOCI 288, SOCI 300, SOCI 381; CRQ: SOCI 301 or SOCI 302; and SOCI 377A or SOCI 377B; or consent of department.

487. GENDER AND CRIME (3). Relationships … … PRQ: SOCI 300; and SOCI 288 or SOCI 357 or SOCI 381. CRQ: SOCI 301 … … department.

488. JUVENILE DELINQUENCY (3). Social and … … PRQ: SOCI 288, SOCI 300, SOCI 381. CRQ: SOCI 301 or SOCI 302; and SOCI 377A or SOCI 377B; or consent of department.

490. INDEPENDENT STUDY IN SOCIOLOGY (1-3). Special readings … … repeated to a maximum of 6 semester hours. A culminating experience integrating theory, methods, and scholarly writing is required. PRQ: Consent of department.

492. COMPARATIVE CRIMINOLOGY (3). Historical and … … PRQ: SOCI 288, SOCI 289, SOCI 300, SOCI 381, SOCI 383. CRQ: SOCI 301 … … department.

496X. HISTORY AND SOCIAL SCIENCE INSTRUCTION IN GRADES 6-12 FOR SECONDARY EDUCATORS (3). Crosslisted as ANTH 496X, ECON 496X, GEOG 496X, HIST 496, POLS 496X, and PSYC 496X. Organization and presentation of materials for history and social science courses at the middle school, junior high, and senior high school secondary levels. PRQ: Admission to the history or social science secondary teacher certification education program and permission of the Department of History’s office of secondary teacher certification education.

Certificate of Undergraduate Study

Criminology

↓

Requirements

SOCI 288 – Criminology (3)
SOCI 289 – The Criminal Justice System (3)

Any three of the following:

Other Catalog Change

Page 315, 2013-14 Undergraduate Catalog

Teacher Certification Professional Educator Licensure – Social Sciences: Sociology

Students who want to be certified licensed to teach sociology/social sciences in grades 6-12 at the secondary level must declare their intention to do so with the office of teacher certification in the Department of History.
Certification Educator licensure involves significant requirements in addition to the completion of a degree in sociology.

Admission

Students are admitted to the certification History & Social Sciences Secondary Teacher Education Program when they have established a file with the Department of History’s History & Social Sciences Secondary Teacher Education Program office of teacher certification and completed satisfactory reviews of progress each semester after establishment of the file; attained junior standing … … minimum GPA of 2.75; passed the Test of Academic Proficiency or met the requirements for an ACT/SAT/TAP substitution; completed at least 6 … … at the college/university level; completed the core competency requirements in English and oral communication; completed at least 20 clock hours of approved early clinical experiences; and met all other Illinois State Board of Education (ISBE) requirements for admission to an educator licensure program; and obtained approval from the Department of History’s History & Social Sciences Secondary office of Teacher certification Education Program.

Retention

Students admitted … … progress each semester with the Department of History’s History & Social Sciences Secondary office of Teacher certification Education Program.

Department Requirements

Students must complete … … SOCI 496X, History and Social Science Instruction in Grades 6-12 for Secondary Educators. Except in unusual … … enrollment in student teaching.

Other Requirements

Students must complete HIST 400, Student Teaching in History/Social Sciences in Grades 6-12 for Secondary Educators. Except in unusual … … required for graduation and certification licensure.

Students must complete the minimum requirements for teaching endorsements in both U.S. history (8 semester hours) and world history (5 semester hours).
The History & Social Sciences Secondary Teacher Education 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 Secondary Teacher Education Program to determine the necessary requirements to obtain educator licensure.

Illinois requires 100 … enrollment in these experiences.

Students must complete course … approved for satisfying this requirement.

Placement

The History & Social Sciences Secondary Teacher Education 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.

COLLEGE OF VISUAL AND PERFORMING ARTS

School of Art

All University Sections

University Graduation Requirements

Other Catalog Change 2013-14 Undergraduate Catalog

Distributive Studies Area Course Descriptions

Humanities and the Arts (9-12)

Courses from the College of Visual and Performing Arts

ARTH 282. INTRODUCTION TO THE VISUAL WORLDS ARTS (3). Development of an understanding of the visual arts through a study of various art media and their cultural backgrounds. Course will not count for credit towards a major or minor in art. A global survey of practices in the visual arts from ancient times to the modern era.

ARTH 291. ART HISTORY SURVEY I: TO CA. 1400 (3). Art and architecture from prehistoric times to ca.1400.

ARTH 292 – ART HISTORY SURVEY II: FROM CA. 1400 ART AND DESIGN SINCE 1900 (3) Art and architecture from ca. 1400 to the present. Modern and contemporary art and design.
Distributive Studies Area Course Titles

Humanities and the Arts (9-12)

Courses from the College of Visual and Performing Arts

ARTH 282. INTRODUCTION TO THE VISUAL WORLD ARTS (3).
ARTH 291. ART HISTORY SURVEY I: TO CA. 1400 (3)
ARTH 292. ART HISTORY SURVEY II: FROM CA. 1400 ART AND DESIGN SINCE 1900 (3)

Academic Regulations

Other Catalog Change

Advisement and Registration

Visual and Performing Arts--Music Building 441 304A

Illinois Articulation Initiative Core Curriculum

Other Catalog Change

Applicable NIU Courses

Humanities and Fine Arts
ARTH 282 – INTRODUCTION TO THE VISUAL WORLD ARTS F2 900
ARTH 291. ART HISTORY SURVEY I: TO CA. 1400 F2-901
ARTH 292. ART HISTORY SURVEY II: FROM CA. 1400 ART AND DESIGN SINCE 1900 (3) F2 902

School section

Course Deletions:

ARTH 291. ART HISTORY SURVEY I: TO CA. 1400 (3). ...
ARTS 346A. INTERMEDIATE HAND-BUILDING CERAMICS (4 OR 8). ……

**New Courses:**

2013-14 Undergraduate Catalog

CIP CODE: 50.0701

ART 499. CAPSTONE SEMINAR (4). Capstone seminar for students in the B.A. in Art program. Lecture, discussion and/or field experience. S/U grading.

ARTD 350. SOUND (4). Studies in the concepts of non-musical audio art with emphasis on combining audio with other media. PRQ: Successful completion of portfolio review or consent of school.

**Course Revision**

2013-14 Undergraduate Catalog

ARTE 463. ART, CRITICISM AND COMMUNICATION IN EDUCATION READING AND WRITING IN ART AND DESIGN EDUCATION: CRITICAL APPROACHES (3). ……

**Course Revisions**

2013-14 Undergraduate catalog

ARTH 282. INTRODUCTION TO THE VISUAL ARTS WORLD ART (3). Development of an understanding of the visual arts through a study of various art media and their cultural backgrounds. Course will not count for credit towards a major or minor in art. A global survey of practices in the visual arts from ancient times to the modern era.

ARTH 292. ART HISTORY SURVEY II: FROM CA. 1400 ART AND DESIGN SINCE 1900 (3) Art and architecture from ca. 1400 to the present. Modern and contemporary art and design.

**GEC 11/21/13**

**Course Revision:**

2013-14 Undergraduate Catalog

ARTH 499. SENIOR THESIS (3) Independent research for honors students or an art historical problem under direction of faculty advisor leading to the completion of a written report and an oral presentation to a thesis committee pursuing the Art History Degree with Honors or those currently admitted to the university honors program. PRQ: ARTH 486 with a grade of A- or better and senior status, or consent of school.

**Course Revisions:**

2013-14 Undergraduate Catalog

ARTS 330. INTRODUCTION TO PRINTMAKING (4). Overview and …… print history. PRQ: ART 100
ARTS 331. INTERMEDIATE PRINTMAKING: LITHOGRAPHY (4). Comprehensive study … … concept development. Course may be repeated to a maximum of 12 credit hours. PRQ: ARTS 330.

ARTS 332. INTERMEDIATE PRINTMAKING: INTAGLIO AND RELIEF (4). Comprehensive study … … concept development. Course may be repeated to a maximum of 12 credit hours. PRQ: ARTS 330.

ARTS 333. INTERMEDIATE PRINTMAKING: SERIGRAPHY (4). Comprehensive study … … concept development. PRQ: ARTS 330. Course may be repeated to a maximum of 12 credit hours.

ARTS 346B. INTERMEDIATE WHEEL-THROWING CERAMICS (4 OR 8). Exploration of form and texture through individually assigned problems using hand-building or wheel-throwing techniques. Laboratory experience in clay and glaze testing, studio clay mixing, and kiln firing. Studio and lecture. May be repeated to a maximum of 8-16 semester hours. PRQ: ARTS 341 or consent of school.

ARTS 430. ADVANCED PRINTING WORKSHOP (4 OR 8). Emphasis on … … medium. May be repeated with variable 1-4 credit hours to a maximum of 12 credit hours. PRQ: ARTS 331, or ARTS 332, or ARTS 333.

ARTS 446. ADVANCED CERAMICS (4 OR 8). Studio work … … studio management. May be repeated. PRQ: ARTS 346A or ARTS 346B, or consent of school.

Other Catalog Change: 2013-14 Undergraduate Catalog

Major in Art and Design Education (B.S.Ed.)

Requirements in School (82)

ARTS 200 – Beginning Life Drawing (3)

ARTH 291 – Art History Survey I: to ca. 1400 (3)

ARTH 282 – Introduction to World Art (3)

ARTH 292 – Art History Survey II: from ca. 1400 Art and Design Since 1900 (3)

ARTH 479 - Art for Special Needs Populations (3), OR TISE 457 - Systems for Integrating the Exceptional Student in the Regular Classroom Methods for Including Middle and Secondary Students with Exceptionalities in the General Education Classroom (3)

16 semester hours … of courses

ARTS 341 – Beginning Ceramics (4), and ARTS 346B – Intermediate Wheel-Throwing Ceramics (4)

Other Catalog Change: 2013-14 Undergraduate Catalog
**SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog**

### Major in Art History (B.A.)

<table>
<thead>
<tr>
<th>Requirement in School (36)</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTH 291 – Art History Survey I: to ca. 1400</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 282 – Introduction to World Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 292 – Art History Survey II: from ca. 1400</td>
<td>3</td>
</tr>
</tbody>
</table>

**Other Catalog Change:** 2013-14 Undergraduate Catalog page 321

### Degree with Honors

To complete the senior thesis, students must complete: ARTH 486 – Art Historical Methodology (3) with a grade of A or better followed by ARTH 499 – Senior Thesis (3).

**Other Catalog Change:** 2013-14 Undergraduate Catalog

### Major in Art (B.A.)

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.

<table>
<thead>
<tr>
<th>Requirement in School (53)</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTS 200 – Beginning Life Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 291 – Art History Survey I: to ca. 1400</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 282 – Introduction to World Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 292 – Art History Survey II: from ca. 1400</td>
<td>3</td>
</tr>
<tr>
<td>ART 499 – Capstone Seminar</td>
<td>4</td>
</tr>
<tr>
<td>Other art courses (22-28)</td>
<td></td>
</tr>
</tbody>
</table>

**Other Catalog Change:** 2013-14 Undergraduate Catalog

### Major in Studio Art (B.F.A.)

<table>
<thead>
<tr>
<th>Requirement in School (80-81)</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 103 – 3-D Foundation</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 291 – Art History Survey I: to ca. 1400</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 282 – Introduction to World Art</td>
<td>3</td>
</tr>
<tr>
<td>ARTH 292 – Art History Survey II: from ca. 1400</td>
<td>3</td>
</tr>
</tbody>
</table>

**Other Catalog Change:** 2013-14 Undergraduate Catalog
SECTION A – Recorded for inclusion in the 2014-15 Undergraduate Catalog  

<table>
<thead>
<tr>
<th>Time Arts (62)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTD 273 – Introduction to Time Arts I (4)</td>
</tr>
<tr>
<td>ARTD 275 – Introduction to Time Arts II (4)</td>
</tr>
<tr>
<td>ARTD 303 – Video Art (4)</td>
</tr>
<tr>
<td>ARTD 313 – Beginning Photography (4)</td>
</tr>
<tr>
<td>ARTD 350 – Sound (4)</td>
</tr>
<tr>
<td>ARTD 355 – Critical Topics in Art and Time (4)</td>
</tr>
<tr>
<td>ARTD 370 – 2-D Animation (4)</td>
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</tr>
<tr>
<td>ARTD 406 – Senior Project (4)</td>
</tr>
<tr>
<td>ARTD 475 – Time Arts: Special Topics (4)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Photography (63) (62)</th>
</tr>
</thead>
<tbody>
<tr>
<td>↓</td>
</tr>
<tr>
<td>ARTS 330 – Introduction to Printmaking (4)</td>
</tr>
<tr>
<td>↓</td>
</tr>
<tr>
<td>ARTS 351 – Beginning Metalwork and Jewelry (4)</td>
</tr>
<tr>
<td>Upper-division art studio electives (8)</td>
</tr>
<tr>
<td>Art history electives (6)</td>
</tr>
</tbody>
</table>

Special requirements: A portfolio review is required for retention in the photography area of study after completing two courses in photography in the School of Art and Design at NIU.

<table>
<thead>
<tr>
<th>Visual Communication (62)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARTD 201 – Introduction to Visual Communication (4)</td>
</tr>
<tr>
<td>↓</td>
</tr>
<tr>
<td>ARTD 412 – Advanced Visual Communication II (4)</td>
</tr>
<tr>
<td>ARTD 360 – Studies in Design (3)</td>
</tr>
<tr>
<td>ARTD 406 – Senior Project (4)</td>
</tr>
<tr>
<td>Art studio electives (8)</td>
</tr>
<tr>
<td>Art history electives (6)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Emphasis 2, 2-D Studio</th>
</tr>
</thead>
<tbody>
<tr>
<td>↓</td>
</tr>
<tr>
<td>Requirements in School (79-83)</td>
</tr>
<tr>
<td>↓</td>
</tr>
<tr>
<td>ARTS 200 – Beginning Life Drawing (3)</td>
</tr>
<tr>
<td>ARTH 291 – Art History Survey I: to ca. 1400 (3)</td>
</tr>
<tr>
<td>ARTH 292 – Introduction to World Art (3)</td>
</tr>
<tr>
<td>ARTH 292 – Art History Survey II: from ca. 1400 Art and Design Since 1900 (3)</td>
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<tr>
<td>↓</td>
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<tr>
<td>Drawing (58)</td>
</tr>
<tr>
<td>↓</td>
</tr>
<tr>
<td>ARTS 406 – Senior Project (4)</td>
</tr>
</tbody>
</table>
ARTH 340 – Studies in Modern and American Art (3),
OR ARTH 350 – Studies in Contemporary Art (3)
Art studio electives with at least 8 semester hours of upper-division course work (12)
3-D Studio elective (4)
Art history electives (3) (6)
↓ Illustration (62)
↓ ARTS 448 – Computer Vector Application for Illustration (4)
ARTH 340 – Studies in Modern and American Art (3),
OR ARTH 350 – Studies in Contemporary Art (3)
ARTH 360 – Studies in Design (2)
Art studio electives (8)
Art history electives (6)
↓ Painting (58)
↓ ARTS 406 – Senior Project (4)
ARTH 340 – Studies in Modern and American Art (3),
OR ARTH 485 – Topics in Art History (3)
ARTH 350 – Studies in Contemporary Art (3)
Art studio electives (12)
Art history electives (6)
↓ Printmaking (58)
↓ ARTS 430 – Advanced Printmaking Workshop (8)
ARTH 340 – Studies in Modern and American Art (3),
OR ARTH 350 – Studies in Contemporary Art (3)
Art history electives (3) (6)
↓ Emphasis 3. 3-D Studio
↓ Requirements in School (79-80)
↓ ART 103 – 3-D Foundation (3)
ARTH 291 – Art History Survey I: to ca. 1400 (3)
ARTH 282 – Introduction to World Art (3)
ARTH 292 – Art History Survey II: from ca. 1400 Art and Design Since 1900 (3)
↓ Ceramics (64) (62)
ARTS 341 – Beginning Ceramics (4)
ARTS 346A – Intermediate Hand Building Ceramics: 4 or 8
ARTS 346B – Intermediate Wheel-Throwing Ceramics (4 or 8)

Students need 16 semester hours in this course.

ARTS 446 – Advanced Ceramics (16) 

Students must take 16 semester hours in this course.

ARTH 350 – Studies in Contemporary Art (3)
Art History elective (6)
Art Studio elective (8) (4)

One of the following (4)

- ARTS 368 – Introduction to Fiber: Papermaking (4)
- ARTS 371 – 2-D/3-D Woven Construction (4)
- ARTS 372 – Introduction to Fiber: Print Dye Paint Stitch (4)
- ARTS 374 – Installation and Fiber Sculpture (4)

Special requirement: The student must successfully complete a portfolio review in ceramics after the following courses:


ARTS 346B – Intermediate Wheel-Throwing Ceramics (4 or 8)

Fiber (62)

ARTS 330 – Introduction to Printmaking (4)

Art studio electives (8)


Art history elective (6)

Sculpture (62)

ARTS 406 – Senior Project (4)

ARTH 350 – Studies in Contemporary Art (3)

Art history elective (6)

Other Catalog Change: 2013-14 Undergraduate Catalog

Minor in Art (21)

ART 100 – Drawing Foundation I (3)
ART 102 – 2-D Foundation (3)

ARTH 292 – Art History Survey II: from ca. 1400 to 1900 (3)

Electives in art (12)

Other Catalog Change: 2013-14 Undergraduate Catalog
MINOR IN ART HISTORY (21)

ARTH 291 - Art History Survey I: to ca. 1400 (3)
ARTH 282 - Introduction to World Art (3)
ARTH 292 - Art History Survey II: from ca. 1400 to Art and Design Since 1900 (3)
Electives in art history (15)

SCHOOL OF MUSIC

COURSE DELETIONS

MUHL 324. MUSIC HISTORY REVIEW I (2).
MUHL 325. MUSIC HISTORY REVIEW II (2).

NEW COURSES

CIP CODE: 50.0902

MUHL 320. MUSIC HISTORY REVIEW (3). Development of Western art music from the Medieval through the Romantic periods. Review course. Does not satisfy graduate music history requirements for any degree program. Credit earned does not count toward the M.M. degree or Performer’s Certificate. Students must earn a grade of C or higher in order to satisfy the deficiency for this course. Open only to M.M. students.

COURSE REVISIONS

MUHL 321. HISTORY AND LITERATURE OF MUSIC I (3). Development of music in the Western world from its origins through the Baroque period, the Middle Ages to 1750. Examines composers’ lives and styles as well as social, political, and cultural developments that have affected music history. PRQ: Grade of C or better in MUTC 202.

MUHL 322. HISTORY AND LITERATURE OF MUSIC II (3). Continuation of MUHL 321. Development of music in the Western world from the classical period through ca. 1750 to 1900. Examines composers’ lives and styles as well as social, political, and cultural developments that have affected music history. PRQ: Grade of C or better in MUTC 202.

MUHL 426. AMERICAN MUSIC (3). Development of solo, chamber, symphonic, and choral music, and opera from the Moravians of Colonial America to the American experimental composers of the 20th century. PRQ: MUHL 321. Survey of art music from colonial times to today; popular song from the early 1800s to ca. 1960; and the Broadway musical from its origins to ca. 1980. PRQ: MUHL 322.
MUTC 402. MUSIC THEORY REVIEW (3). Music Theory Review (3). Review of harmony, analytical techniques, and listening strategies necessary for graduate-level study of music theory. Does not satisfy any graduate music theory requirements for any degree program. Credit earned does not count toward the M.M. degree or Performer’s Certificate. Students must earn a grade of C or higher in order to satisfy the deficiency for this course. Open only to students admitted to the M.M. degree program students.

MUSP 213. HARP: PRIMARY (1–4) Harp students only. Emphasis on performance, with proficiency requirements at each level. Two semester hours’ credit per semester for students in the music education emphasis; 4 semester hours’ credit per semester for students in the performance emphasis. May be repeated.

MUSP 214. VOICE: PRIMARY (1–4) Voice students only. Emphasis on performance, with proficiency requirements at each level. Two semester hours’ credit per semester for students in the music education emphasis; 4 semester hours’ credit per semester for students in the performance emphasis. May be repeated. CRQ: MUSE 342 or MUSE 345.

MUSP 219. GUITAR: PRIMARY (1–4) Emphasis on performance, with proficiency requirements at each level. For instrumental students only. Two semester hours’ credit per semester for students in the B.M. music education emphasis and in the B.A. degree program; 4 semester hours’ credit per semester for students in the performance emphasis (B.M.). One semester hour’s credit in section 1 plus 1 semester hour’s credit in section 2 for students pursuing B.M. music education plus B.M. in jazz performance. May be repeated.

MUSP 230. STEELPAN: PRIMARY (1–4) Emphasis on performance, with proficiency requirements at each level. For instrumental students only. Two semester hours’ credit per semester for students in the B.M. music education emphasis and in the B.A. degree program; 4 semester hours’ credit per semester for students in the performance emphasis. May be repeated.

MUSP 314. VOICE: PRIMARY (2 or 4). Voice students only. Emphasis on performance, with proficiency requirements at each level. Two semester hours’ credit per semester for students in the music education emphasis; 4 semester hours’ credit per semester for students in their performance emphasis. May be repeated. PRQ: Consent of school. CRQ: MUSP 205 or MUSP 206 and MUSE 342 or MUSE 345.

MUSP 317. VIOLONCELLO: PRIMARY (2 or 4). Emphasis on performance, with proficiency requirements at each level. For instrumental students only. Two semester hours’ credit per semester for students in the B.M. music education emphasis and in the B.A. degree program; 4 semester hours’ credit per semester for students in the B.M. performance emphasis. May be repeated. CRQ: MUSE 360.

Major in Music (B.M.)
Emphasis 1. Music Education

Requirements outside School

TLSE SESE 457 - Systems for Integrating the Exceptional Student in the Regular Classroom Methods for Including Middle and Secondary Students with Exceptionalities in the General Education Classroom (3)

School of Theatre and Dance

New Course: 2013-14 Undergraduate Catalog

CIP CODE: 50.0501

THEA 463. PROFESSIONAL DEVELOPMENT FOR THE ACTOR (3). Preparing students to become professional actors whether in theatre, film, and/or television. Actors will develop a portfolio based on their character type and castability.

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Major in Theatre Arts

Emphasis 3. Dance Performance

*ARTH 282 – Introduction to the Visual Arts World Art (3)